

PRODUCT QUICK GUIDE

CCTV CHANNEL PRODUCTS

2020 H1

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- Turbo HD PTZ Camera
- DVR
- Encoder
- Network Camera
- PTZ Dome Camera
- Panoramic Camera
- NVR
- Kit
- Thermal
- Monitor
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- Controller & Transmission
- Accessories

HIKVISION®

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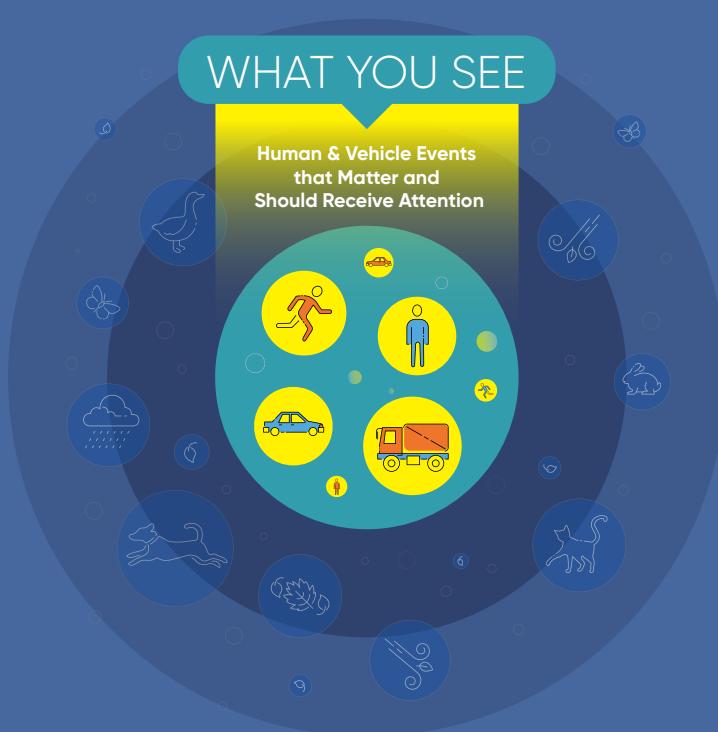
HIKVISION ACUSENSE

A sense of safety is one of the most basic human needs, and that goes for both personal and property safety. And this is exactly why people install security systems in their homes and businesses.

Compared to conventional sensor-based alarm systems, a video-based security system that utilizes cameras has several advantages: the ability to watch events in real-time over the live feed, capture critical data around those events, and provide solid and accurate evidence for law enforcement.

AcuSense technology adds a touch of intelligence to Hikvision's popular cameras and video recorders, making them perfect for an accessible and intelligent security system. Accurate face detection and face capture are included, as well as auto-tracking that only gets triggered by people and vehicles, making it easier for you to focus on real concerns. Strobe light and audio alarms serve as live guards to protect users from potential risks by warding off intruders. When emergencies occur, related videos are classified into human and vehicle categories for quick search and retrieval.

Sophisticated, highly effective, and affordable, the AcuSense Solution provides SMB owners and operators an intelligent protection system for their property and assets, while helping resellers build a uniquely competitive go-to-market proposition.



FOCUS
and
ACT
AcuSense
Technology





ColorVu
Series Camera

24/7 Colorful Imaging

View in color,
Even in darkness

HIKVISION COLORVU

Darkness provides cover for theft, trespassing, and other crimes. When incidents occur at night, dim, low-quality images from conventional cameras miss or lose critical details. Cameras with infrared LEDs are able to provide extra light for clearer image, but in black-and-white.

But now, imagine capturing vivid, colorful details – such as clothing or a car – in total darkness. Hikvision ColorVu Technology makes it possible.

Hikvision ColorVu Technology enables front-end products to capture details in low lighting by way of two specific breakthroughs in hardware technologies: advanced lenses and powerful sensors. These lenses reach up to F1.0, allowing more light to enter and thereby increase image brightness. Next, high-sensitivity sensors vastly improve the utilization of that light.

Extreme light conditions are also taken into consideration in the design process. Cameras are equipped with warm, natural-looking supplemental lighting. So when there is no light source whatsoever – even starlight or street lights – they can guarantee colorful imaging.



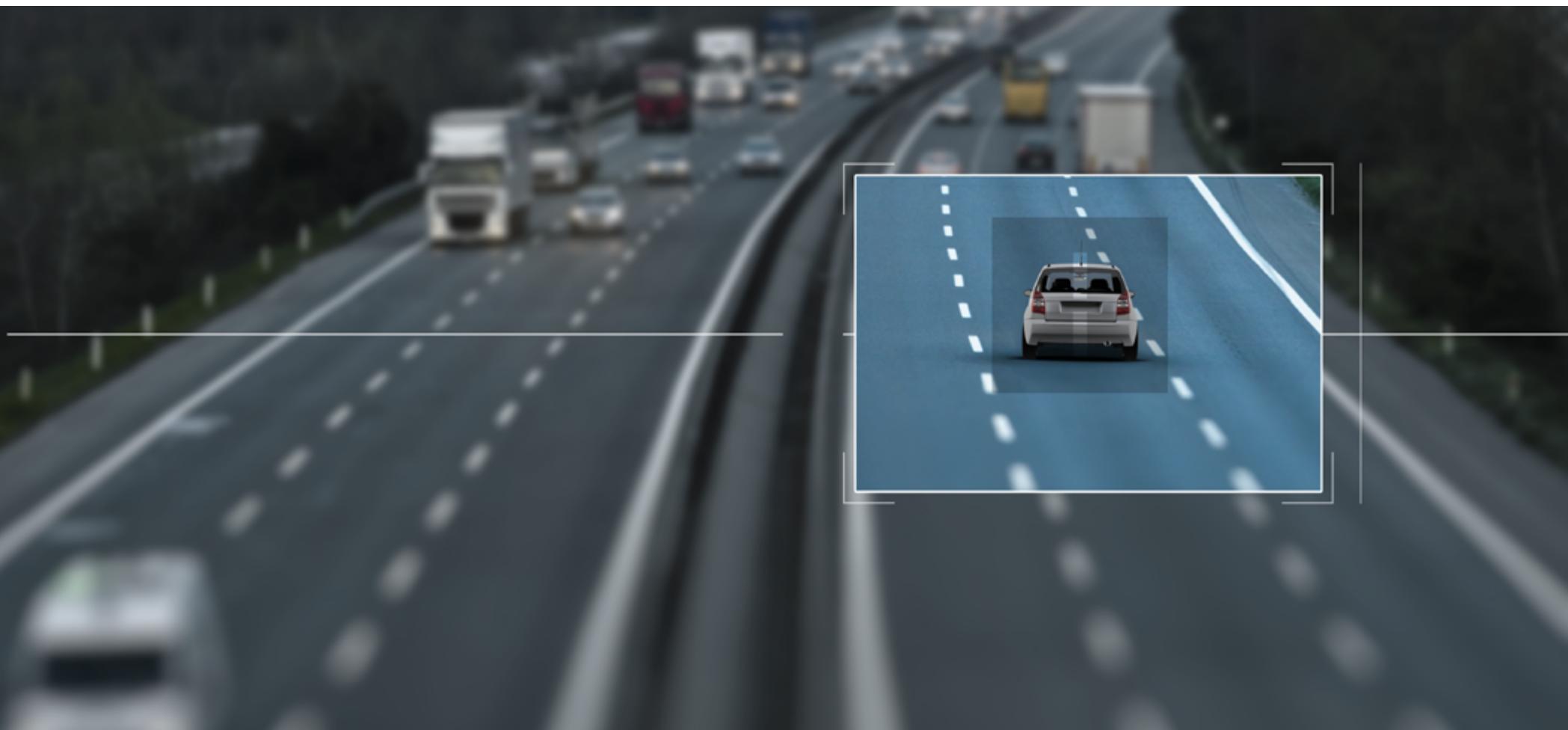
ColorVu



4K

With the development of 4K technology quickly coming into focus, opportunities to use this technology in security will continue to grow. As a leading video security manufacturer, Hikvision has paid close attention to the rise in high-resolution imaging, and launched a total 4K system to harness this technology in the global security industry.

Without complementary 4K components, such as monitors and DVRs / NVRs, 4K cameras cannot be used to their full potential, and therefore have little practical use in security applications. By building a total system – complete with cameras, DVRs, NVRs, and more – Hikvision provides systems that are more helpful and more useful to customers. The Hikvision 4K system, which comes equipped with a variety of smart functions, satisfies the security industry's need for advanced analytics with ultra-high resolution video.



H.265+ TECHNOLOGY

The H.265+ smart codec algorithm is an intelligent proprietary algorithm developed by Hikvision. It can vastly decrease the bitrate of video – while retaining the quality – of the standard H.265 codec. H.265+ does this via three core technologies: predictive encoding, noise suppression and bitrate control. This smart codec drastically reduces bandwidth and data storage while rendering amazing video quality.

Camera capability using different codec technology
(Under 20 Mpbs network condition)

5 cameras



10 cameras



20+ cameras



H.264

H.265

H.265+

Recorded file size for the same amount of time

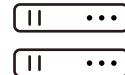
100%



50%



25%



H.264

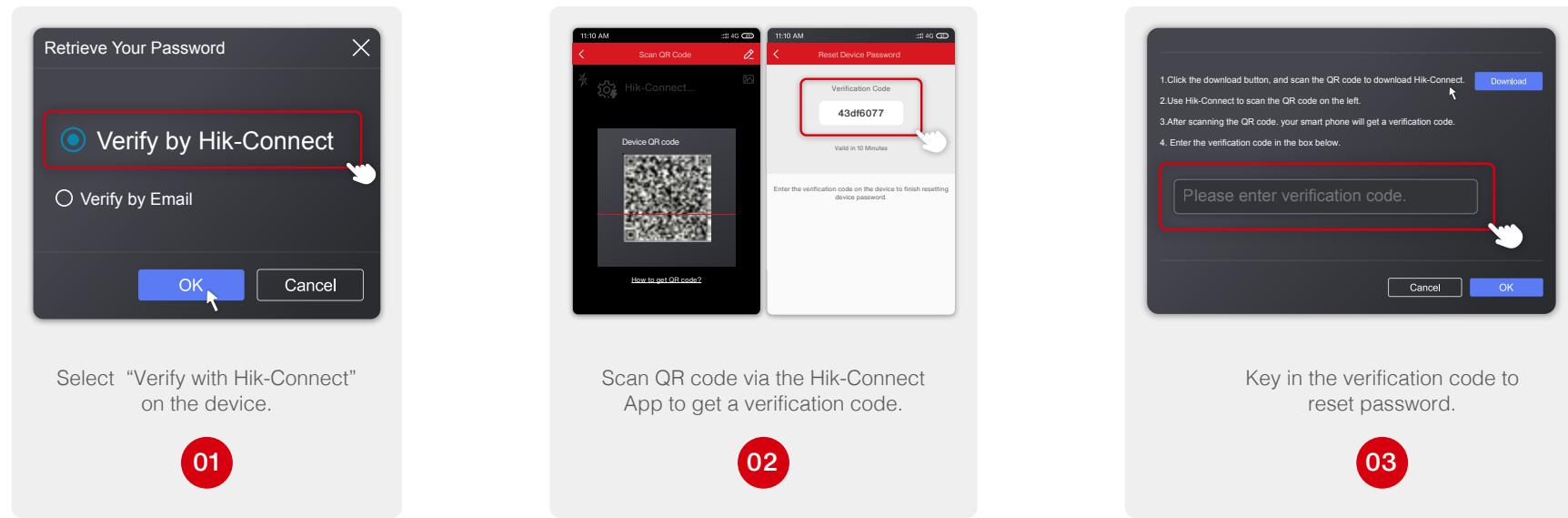
H.265

H.265+

Reset Password via Hik-Connect

To help users with easier password retrieval without needing to consult aftersales, Hikvision offers the new password reset function which is easy and safe. With this function, users can reset password for DVR or NVR via Hik-Connect in only about 1 minute.

3 steps, within 1 minute



Double assurance for better security



Registered account

This function is available for registered Hik-Connect account, not with visitor mode.



Authority control

The Hik-Connect account need to be linked with the device. Other unlinked accounts don't have the permission to reset password.



It is highly suggested that you link your device to the Hik-Connect account upon device activation as password reset can only be performed with a linked account.

Turbo HD History

The Turbo HD line transforms analog CCTV video into high quality, high definition monitoring. Each iteration of the Turbo HD product portfolio advances the technology to the next amazing level.

Throughout Turbo's history, Hikvision has continually advanced what every security system installer and user cares about most: clear and accurate video recording. With the new Turbo HD X system, a further step was taken to help users achieve real-time response.

Turbo HD
2013

1.0

- HD 1080p
- H.264

Turbo HD
2016

3.0

- 5 MP
- H.264+
- TVI/CVBS/IPC standards and more
- PoC 1.0

Turbo HD
2017

4.0

- 4K
- H.265 & H.265+
- Ultra-low-light technology
- PoC 2.0

Turbo HD
2018

5.0

AcuSense
ColorVu

Turbo HD
2019

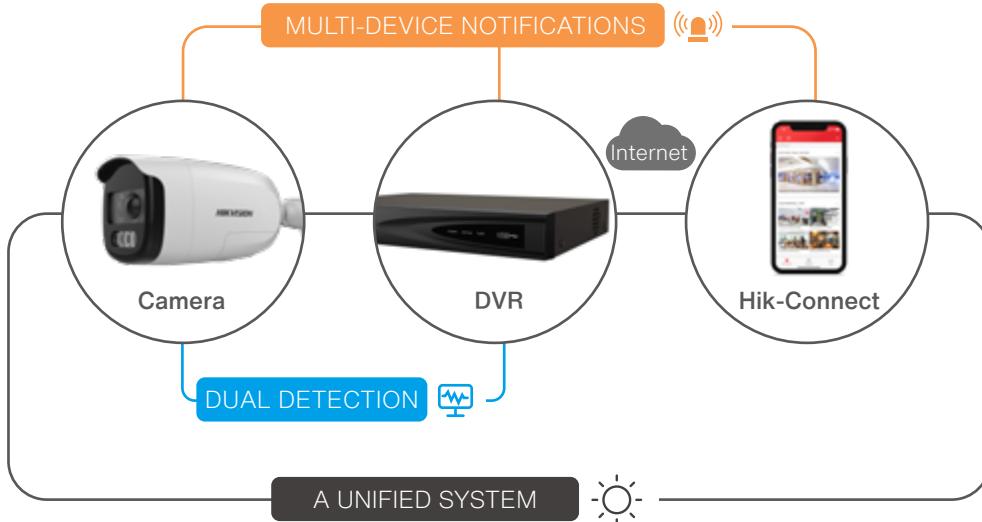
X

- Built-in siren and flashing light
- Active prevention
- Integrated response
- Real-time alerts



2019 Turbo HD X

Turbo HD X is a complete and unified system, featuring linked front-end and back-end devices and a remote application. With active response and real-time alarms, the Turbo HD X solution helps stop intruders caught in the act, and prevents damage and loss of property.



How does it work? Here is an example

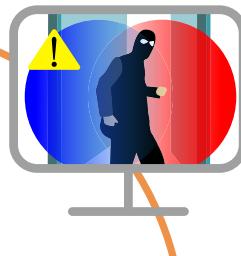
22:34

10: 34 at night, someone broke into the largest supermarket in town- **the Joe's.**



At the entrance

The siren went off and the blue and red light started to flash. The thief quickly ran off.



In the monitoring room

An alarm notification popped up. The security on duty immediately noticed and sent someone to check



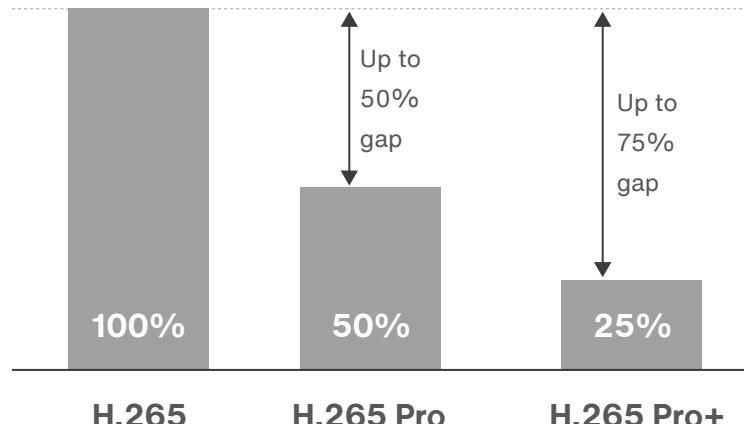
On the mobile app

The store manager got a message on his phone, he then called the security team to make sure everything is properly handled.

H.265 Pro+

The H.265 Pro video compression optimizes H.265 through advanced algorithms. H.265 Pro can intelligently adjust video bitrates according to given scenarios, significantly compressing the video file while maintaining high image quality.

Furthermore, when combining H.265 Pro with Hikvision's unique "H.265+", the newly generated "H.265 Pro+" works even better. Compared with H.265, H.265 Pro reduces video file size by 50% on average while H.265 Pro+ reduces video file size by up to 75% – and at times even more.



Storage time is four times longer under the same storage capability

PIR Solution for Perimeter Protection

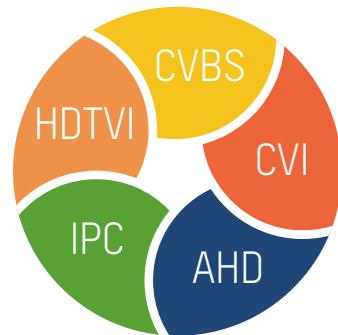
PIR (passive infrared) camera has a built-in PIR detector and flashlight. The PIR detector reacts to human body's IR emission and is able to control the on and off of flashlight according to PIR detector. The camera will immediately flashes bright strobe light to warn trespassers, and hopefully drive them away from the perimeter.



4-in-1 & 5-in-1

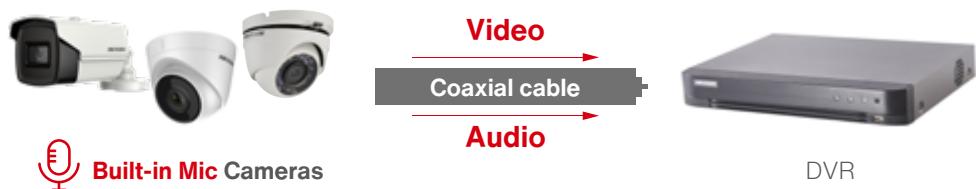
4-in-1 means the camera is able to deliver HD-TVI, AHD, CVI and CVBS signals. Users can choose suitable signal accordingly.

5-in-1 means the DVR is not only able to access HD-TVI, AHD, CVI and CVBS signals, but also able to access IP cameras.



Coaxial Audio Solution

Coaxial audio makes transmission of both HD video and sound possible over a coaxial cable, which means audio accessories like pick-ups and audio adaptors – especially audio cabling – can be removed. Enjoy a compact and efficient video & audio system with Hikvision's coaxial audio solution.



PoC 2.0

PoC 2.0 (Power Over Coax)



- Transmits both HD video and power over the same coax cable
- Unique built-in design
- Patented Hikvision technology

Turbo HD Cameras

002 Ultra Series

006 Hikvision ColorVu Series

013 Pro Series

023 Value Series

046 IoT Series

053 Special Series



Turbo HD Cameras

Ultra Series

Ultra Series Cameras capture ultra high quality and high definition videos. With ultra HD and ultra-low-light abilities, cameras perform even in scenarios with dim light. And with 120 dB true WDR, environments with strong backlight won't be any headaches. High performance, simple installation, and easy operation come together for an excellent user experience.

- Ultra HD
- Ultra-low-light night vision
- 120 dB True WDR
- PoC easy installation
- EXIR 2.0
- Dual output



Model	DS-2CC12D9T-IT3E	DS-2CC12D9T-IT5E	DS-2CC52D9T-IT3E	DS-2CC12D9T-AIT3ZE	DS-2CC52D9T-AITZE	DS-2CC52D9T-APVIT3ZE
Image						
	Ultra-Low Light & PoC	Ultra-Low Light & PoC	Ultra-Low Light & PoC	Ultra-Low Light & PoC	Ultra-Low Light & PoC	Ultra-Low Light & PoC
Description	2 MP Ultra Low Light PoC Bullet Camera	2 MP Ultra Low Light PoC Bullet Camera	2 MP Ultra Low Light PoC Turret Camera	2 MP Ultra Low Light PoC Bullet Camera	2 MP Ultra Low Light PoC Dome Camera	2 MP Ultra Low Light PoC Dome Camera
Lens	2.8 mm, 3.6 mm, 6 mm optional	2.8 mm, 3.6 mm, 6 mm optional	2.8 mm, 3.6 mm, 6 mm optional	2.8 mm to 12 mm Auto Focus, Auto Iris	2.8 mm to 12 mm Auto Focus, Auto Iris	2.8 mm to 12 mm Auto Focus, Auto Iris
Min. Illumination	0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR	0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR	0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR	0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR	0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR	0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR
FOV	103.5° [2.8 mm], 82.6° [3.6 mm], 54.4° [6 mm]	103.5° [2.8 mm], 82.6° [3.6 mm], 54.4° [6 mm]	103.5° [2.8 mm], 82.6° [3.6 mm], 54.4° [6 mm]	32.1° to 98°	32.1° to 98°	32.1° to 98°
Angle Adjustment	Pan: 0° to 360°, Tilt: 0° to 180°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 180°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 75°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 90°, Rotate: 0° to 360°	Pan: 0° to 340°, Tilt: 0° to 75°, Rotate: 0° to 355°	Pan: 0° to 355°, Tilt: 0° to 75°, Rotate: 0° to 355°
Day & Night	ICR	ICR	ICR	ICR	ICR	ICR
WDR	> 120 dB					
Max. IR Range	Up to 40 m	Up to 80 m	Up to 40 m			
HD Video Output	1 Analog HD output					
CVBS Output	1Vp-p Composite Output (75Ω / BNC)					
D/N Mode	Auto / Color / BW (White & Black)	Auto / Color / BW (White & Black)	Auto / Color / BW (White & Black)	Auto / Color / BW (White & Black)	Auto / Color / BW (White & Black)	Auto / Color / BW (White & Black)
White Balance	ATW/ AWC-SET / Manual					
BLC	WDR / BLC / HLC / OFF					
3D DNR	ON / OFF					
Functions	Defog, Mirror, Defective Pixel Correction, Sharpness, Camera Title	Defog, Mirror, Defective Pixel Correction, Sharpness, Camera Title	Defog, Mirror, Defective Pixel Correction, Sharpness, Camera Title	Defog, Mirror, Defective Pixel Correction, Sharpness, Camera Title	Defog, Mirror, Defective Pixel Correction, Sharpness, Camera Title	Defog, Mirror, Defective Pixel Correction, Sharpness, Camera Title
Protection Level	IP67	IP67	IP67	IP67	IP67	IP67, IK10
Alarm I/O	-	-	-	1 Alarm Input; 1 Alarm Output	1 Alarm Input; 1 Alarm Output	1 Alarm Input; 1 Alarm Output
Power	12 VDC ± 30% /PoC	12 VDC ± 30% /PoC	12 VDC ± 30% /PoC	24 VAC /12 VDC ± 30% / PoC	24 VAC /12 VDC ± 30% / PoC	24 VAC / 12 VDC ± 30% / PoC

Model	DS-2CE16D9T-AIRAZH	DS-2CC12D9T-(A)	DS-2CC12D9T-E	Model	DS-2CE17U8T-IT	DS-2CE18U8T-IT3
Image				Image		
Ultra-Light	Ultra-Light	Ultra-Light	Ultra-Light & PoC	Ultra-Light	Ultra-Light	Ultra-Light
Description	2 MP WDR Motorized VF EXIR Bullet Camera	2 MP WDR Box Camera	2 MP WDR PoC Box Camera	Description	8 MP Ultra-Low Light Bullet Camera	8 MP Ultra-Low Light Bullet Camera
Lens	5-50mm Auto Focus, Auto Iris	C/CS	C/CS	Lens	2.8 mm, 3.6 mm, 6 mm fixed focal lens	2.8 mm, 3.6 mm, 6 mm fixed focal lens
Min. Illumination	0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR	0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR	0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR	Min. Illumination	Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR
FOV	Angle of view: 59.8°-6.2°	-	-	FOV	102.2° (2.8 mm), 79° (3.6 mm), 50.8° (6 mm)	102.2° (2.8 mm), 79° (3.6 mm), 50.8° (6 mm)
Angle Adjustment	Pan: 0° to 360°; Tilt: 0° to 90°; Rotate: 0° to 360°	-	-	Angle Adjustment	Pan: 0° to 360°; Tilt: 0° to 180°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt: 0° to 180°; Rotate: 0° to 360°
Day & Night	ICR	ICR	ICR	Day & Night	IR cut filter	IR cut filter
WDR	> 120 dB	> 120 dB	> 120 dB	WDR	> 120 dB	> 120 dB
Max. IR Range	Up to 110 m	-	-	Max. IR Range	Up to 40 m	Up to 60 m
HD Video Output	1 Analog HD output	1 Analog HD output	1 Analog HD output	HD Video Output	1 HD analog output	1 HD analog output
CVBS Output	1Vp-p Composite Output (75Ω / BNC)	1Vp-p Composite Output (75Ω / BNC)	1Vp-p Composite Output (75Ω / BNC)	CVBS Output	1 CVBS output (75Ω/BNC)	1 CVBS output (75Ω/BNC)
D/N Mode	Auto / Color / BW (White & Black)	Auto / Color / BW (White & Black)	Auto / Color / BW (White & Black)	D/N Mode	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)
White Balance	ATW / AWC-SET / Manual	ATW, AWC-SET, Manual	ATW, AWC-SET, Indoor, Outdoor, Manual	White Balance	Auto/Manual/Natural	Auto/Manual/Natural
BLC	WDR / BLC / HLC / OFF	WDR / BLC / HLC / OFF	WDR / BLC / HLC / OFF	BLC	WDR/BLC/OFF	WDR/BLC/OFF
3D DNR	ON / OFF	ON / OFF	ON / OFF	3D DNR	Level 1 to 10	Level 1 to 10
Functions	HSBLC, Digital Noise Reduction, Digital zoom (62x), Slow Shutter, Mirror, Defog, Defective Pixel Correction, SMART D-ZOOM	HSBLC, Digital Noise Reduction, Digital zoom (62x), Slow Shutter, Mirror, Defog, Defective Pixel Correction, SMART D-ZOOM	HSBLC, Digital Noise Reduction, Digital zoom (62x), Slow Shutter, Mirror, Defog, Defective Pixel Correction, SMART D-ZOOM	Functions	Contrast, Sharpness, Saturation, Mirror, Defog, HLC	Contrast, Sharpness, Saturation, Mirror, Defog, HLC
Protection Level	IP66	-	-	Protection Level	IP67	IP67
Alarm I/O	-	-A model: 1 Alarm Input; 1 Alarm Output	1 Alarm Input; 1 Alarm Output	Alarm I/O	-	-
Power	AC24V±15% / DC12V±15%, Heater is available with 24 VAC only	12 VDC ± 15%, -A model: 24V ± 15% AC, 12V ± 15% DC	12 VDC ± 15%, POC	Power	12 VDC ±25%	12 VDC ±25%

Model	DS-2CE57U8T-VPIT	DS-2CE78U8T-IT3	DS-2CE19U8T-AIT3Z	DS-2CE37U8T-A	DS-2CE79U8T-IT3Z	DS-2CE59U8T-APVIT3Z
Image						
Description	8 MP Ultra-Low Light Dome Camera	8 MP Ultra-Low Light Turret Camera	8 MP Ultra-Low Light Bullet Camera	8 MP Ultra-Low Light Box Camera	8 MP Ultra-Low Light Turret Camera	8 MP Ultra-Low Light Dome Camera
Lens	2.8 mm, 3.6 mm, 6 mm fixed focal lens	2.8 mm, 3.6 mm, 6 mm fixed focal lens	2.8 mm to 12 mm motorized auto focus lens	C/CS	2.8 mm to 12 mm motorized auto focus lens	2.8 mm to 12 mm motorized auto focus lens
Min. Illumination	Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR
FOV	102.2° [2.8 mm], 79° [3.6 mm], 50.8° [6 mm]	102.2° [2.8 mm], 79° [3.6 mm], 50.8° [6 mm]	108.1° to 45.6°	-	108.1° to 45.6°	108.1° to 45.6°
Angle Adjustment	Pan: 0° to 355°; Tilt: 0° to 75°; Rotate: 0° to 355°	Pan: 0° to 360°; Tilt: 0° to 75°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt: 0° to 90°; Rotate: 0° to 360°	-	Pan: 0° to 360°; Tilt: 0° to 75°; Rotate: 0° to 360°	Pan: 0° to 355°; Tilt: 0° to 75°; Rotate: 0° to 355°
Day & Night	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter
WDR	> 120 dB	> 120 dB	> 120 dB	> 120 dB	> 120 dB	> 120 dB
Max. IR Range	Up to 40 m	Up to 60 m	Up to 80 m	-	Up to 80 m	Up to 60 m
HD Video Output	1 HD analog output	1 HD analog output	1 HD analog output	1 HD analog output	1 HD analog output	1 HD analog output
CVBS Output	1 CVBS output (75Ω/BNC)	1 CVBS output (75Ω/BNC)	1 CVBS output (75Ω/BNC)	1 CVBS output (75Ω/BNC)	1 CVBS output (75Ω/BNC)	1 CVBS output (75Ω/BNC)
D/N Mode	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)
White Balance	Auto/Manual/Natural	Auto/Manual/Natural	Auto/Manual/Natural	Auto/Manual/Natural	Auto/Manual/Natural	Auto/Manual/Natural
BLC	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF
3D DNR	Level 1 to 10	Level 1 to 10	Level 1 to 10	Level 1 to 10	Level 1 to 10	Level 1 to 10
Functions	Contrast, Sharpness, Saturation, Mirror, Defog, HLC	Contrast, Sharpness, Saturation, Mirror, Defog, HLC	Contrast, Sharpness, Saturation, Mirror, Defog, HLC	Contrast, Sharpness, Saturation, Mirror, Defog, HLC	Contrast, Sharpness, Saturation, Mirror, Defog, HLC	Contrast, Sharpness, Saturation, Mirror, Defog, HLC
Protection Level	IP67, IK10	IP67	IP67	-	IP67	IP67, IK10
Alarm I/O	-	-	-	support	-	-
Power	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%, 24 VAC ±25%	12 VDC ±25% 24 VAC ±25%	12 VDC ±25%	12 VDC ±25%, 24 VAC ±25%

Turbo HD Cameras

Hikvision ColorVu Series

Hikvision ColorVu cameras render colorful imaging 24/7. These cameras render clear images at 0.0005 lux, providing colorful video in ultra-low-light scenarios even without any supplemental lighting.

When in zero-light environments, automatic supplemental lighting from the camera itself will enhance imaging.

➤ 24/7 colorful imaging

➤ 130 dB True WDR

➤ Ultra-low-light night vision

➤ 4-in-1 technology



Model	DS-2CE10DFT-F	DS-2CE72DFT-F	DS-2CE12DFT-F	DS-2CE10DFT-PF28(2.8mm)	DS-2CE10DFT-PF	DS-2CE10DFT-F28(2.8mm)	DS-2CE72DFT-F28(2.8mm)
Image	 HOT	 HOT	 HOT	 HOT	 HOT	 HOT	 HOT
Description	2 MP Full Time Color Bullet Camera	2 MP Full Time Color Turret Camera	2 MP Full Time Color Bullet Camera	2 MP Full Time Color Bullet Camera	2 MP Full Time Color Bullet Camera	2 MP Full Time Color Bullet Camera	2 MP Full Time Color Turret Camera
Lens	3.6 mm, 6 mm fixed focal lens	3.6 mm, 6 mm fixed focal lens	3.6 mm, 6 mm fixed focal lens	2.8 mm fixed lens	3.6 mm, 6 mm fixed focal lens	2.8 mm fixed lens	2.8 mm fixed lens
Min. Illumination	Color: 0.0005 Lux @ [F1.0, AGC ON], 0 Lux with white light	Color: 0.0005 Lux @ [F1.0, AGC ON], 0 Lux with white light	Color: 0.0005 Lux @ [F1.0, AGC ON], 0 Lux with white light	Color: 0.0005 Lux @ [F1.0, AGC ON], 0 Lux with white light	Color: 0.0005 Lux @ [F1.0, AGC ON], 0 Lux with white light	Color: 0.0005 Lux @ [F1.0, AGC ON], 0 Lux with white light	Color: 0.0005 Lux @ [F1.0, AGC ON], 0 Lux with white light
FOV	Horizontal Field of View 83.6° [3.6 mm], 52.8° [6 mm]	Horizontal Field of View 83.6° [3.6 mm], 52.8° [6 mm]	Horizontal Field of View 83.6° [3.6 mm], 52.8° [6 mm]	2.8 mm, horizontal FOV: 104°, vertical FOV: 54°, diagonal FOV: 126°	3.6 mm, horizontal FOV: 83.0°, vertical FOV: 44.4°, diagonal FOV: 98.0° 6 mm, horizontal FOV: 51.0°, vertical FOV: 28.5°, diagonal FOV: 58.7	2.8 mm, horizontal FOV: 104°, vertical FOV: 54°, diagonal FOV: 126°	2.8 mm, horizontal FOV: 104°, vertical FOV: 54°, diagonal FOV: 126°
Angle Adjustment	Pan: 0° to 360°, Tilt: 0° to 180°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 75°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 180°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 180°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 180°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 180°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 75°, Rotate: 0° to 360°
Day & Night	Color	Color	Color	Color	Color	Color	Color
WDR	> 130 dB	> 130 dB	> 130 dB	> 130 dB	> 130 dB	130 dB	130 dB
Max. IR Range	Up to 20 m white light distance	Up to 20 m white light distance	Up to 40 m white light distance	Up to 20 m white light distance	Up to 20 m white light distance	Up to 20 m white light distance	Up to 20 m white light distance
HD Video Output	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS
CVBS Output	-	-	-	-	-	-	-
White Balance	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual
BLC	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF	-	-	Yes	Yes
3D DNR	Level 1 to 9	Level 1 to 9	Level 1 to 9	-	-	-	-
Functions	Brightness, Sharpness, Mirror, Smart Light	Brightness, Sharpness, Mirror, Smart Light	Brightness, Sharpness, Mirror, Smart Light	Brightness, Sharpness, Mirror, Smart Light, Defective Pixel Correction	Brightness, Sharpness, Mirror, Smart Light, Defective Pixel Correction	Brightness, Sharpness, 3D DNR, Mirror, Smart light	Brightness, Sharpness, 3D DNR, Mirror, Smart light
Protection Level	IP67	IP67	IP67	IP67	IP67	IP67	IP67
Alarm I/O	-	-	-	-	-	-	-
Power	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%

Model	DS-2CE12DFT-F28 (2.8mm)	DS-2CE10DFT-PFC28(2.8mm)	DS-2CE10DFT-PFC	DS-2CE10DFT-FC28(2.8mm)	DS-2CE72DFT-FC28(2.8mm)	DS-2CE12DFT-FC28(2.8mm)
Image	 Hikvision ColorVu	 Hikvision ColorVu	 Hikvision ColorVu	 Hikvision ColorVu	 Hikvision ColorVu	 Hikvision ColorVu
Description	2 MP Full Time Color Bullet Camera	2 MP Full Time Color Bullet Camera	2 MP Full Time Color Bullet Camera	2 MP Full Time Color Bullet Camera	2 MP Full Time Color Turret Camera	2 MP Full Time Color Bullet Camera
Lens	2.8 mm fixed lens	2.8 mm fixed lens	3.6 mm, 6 mm fixed lens	3.6 mm, 6 mm fixed lens	2.8 mm fixed lens	2.8 mm fixed lens
Min. Illumination	Color: 0.0005 Lux @ [F1.0, AGC ON], 0 Lux with white light	Color: 0.0008 Lux @ [F1.0, AGC ON], 0 Lux with white light	Color: 0.0008 Lux @ [F1.0, AGC ON], 0 Lux with white light	Color: 0.0008 Lux @ [F1.0, AGC ON], 0 Lux with white light	Color: 0.0008 Lux @ [F1.0, AGC ON], 0 Lux with white light	0.0008 Lux @ [F1.0, AGC ON], 0 Lux with white light
FOV	2.8 mm, horizontal FOV: 104°, vertical FOV: 54°, diagonal FOV: 126°	2.8 mm, horizontal FOV: 104°, vertical FOV: 54°, diagonal FOV: 126°	3.6 mm, horizontal FOV: 83.0°, vertical FOV: 44.4°, diagonal FOV: 98.0° 6 mm, horizontal FOV: 51.0°, vertical FOV: 28.5°, diagonal FOV: 58.7°	3.6 mm, horizontal FOV: 83.0°, vertical FOV: 44.4°, diagonal FOV: 98.0° 6 mm, horizontal FOV: 51.0°, vertical FOV: 28.5°, diagonal FOV: 58.7°	2.8 mm, horizontal FOV: 104°, vertical FOV: 54°, diagonal FOV: 126°	2.8 mm, horizontal FOV: 104°, vertical FOV: 54°, diagonal FOV: 126°
Angle Adjustment	Pan: 0° to 360°, Tilt: 0° to 180°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 180°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 180°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 180°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 75°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 180°, Rotate: 0° to 360°
Day & Night	Color	Color	Color	Color	Color	Color
WDR	130 dB	>120dB	>120dB	>120dB	>120dB	>120dB
Max. IR Range	Up to 40 m white light distance	Up to 20 m white light distance	Up to 20 m white light distance	Up to 20 m white light distance	Up to 20 m white light distance	Up to 40 m white light distance
HD Video Output	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS
CVBS Output	-	-	-	-	-	-
White Balance	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual
BLC	Yes	-	-	-	-	-
3D DNR	-	-	-	-	-	-
Functions	Brightness, Sharpness, 3D DNR, Mirror, Smart light	Brightness, Sharpness, Mirror, Smart Light, Defective Pixel Correction	Brightness, Sharpness, Mirror, Smart Light, Defective Pixel Correction	Brightness, Sharpness, Mirror, Smart Light, Defective Pixel Correction	-	Brightness, Sharpness, Mirror, Smart Light, Defective Pixel Correction
Protection Level	IP67	IP67	IP67	IP67	IP67	IP67
Alarm I/O	-	-	-	-	-	-
Power	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%

Model	DS-2CE10DF0T-PF	DS-2CE10DF0T-F	DS-2CE12DF0T-F	DS-2CE70DF0T-PF	DS-2CE70DF0T-MF	DS-2CE72DF0T-F
Image	 Hikvision ColorVu	 Hikvision ColorVu	 Hikvision ColorVu	 Hikvision ColorVu	 Hikvision ColorVu	 Hikvision ColorVu
Description	2 MP Full Time Color Bullet Camera	2 MP Full Time Color Bullet Camera	2 MP Full Time Color Bullet Camera	2 MP Full Time Color Turret Camera	2 MP Full Time Color Turret Camera	2 MP Full Time Color Turret Camera
Lens	2.8 mm, 3.6mm, 6mm fixed lens	2.8 mm, 3.6mm, 6mm fixed lens	2.8 mm, 3.6mm, 6mm fixed lens	2.8 mm, 3.6mm, 6mm fixed lens	2.8 mm, 3.6mm, 6mm fixed lens	2.8 mm, 3.6mm, 6mm fixed lens
Min. Illumination	0.001 Lux @ [F1.0, AGC ON], 0 Lux with white light	0.001 Lux @ [F1.0, AGC ON], 0 Lux with white light	0.001 Lux @ [F1.0, AGC ON], 0 Lux with white light	0.001 Lux @ [F1.0, AGC ON], 0 Lux with white light	0.001 Lux @ [F1.0, AGC ON], 0 Lux with white light	0.001 Lux @ [F1.0, AGC ON], 0 Lux with white light
FOV	2.8 mm, horizontal FOV: 98°, vertical FOV: 51°, diagonal FOV: 115° 3.6 mm, horizontal FOV: 76°, vertical FOV: 41°, diagonal FOV: 90° 6 mm, horizontal FOV: 50°, vertical FOV: 27°, diagonal FOV: 58°	2.8 mm, horizontal FOV: 98°, vertical FOV: 51°, diagonal FOV: 115° 3.6 mm, horizontal FOV: 76°, vertical FOV: 41°, diagonal FOV: 90° 6 mm, horizontal FOV: 50°, vertical FOV: 27°, diagonal FOV: 58°	2.8 mm, horizontal FOV: 98°, vertical FOV: 51°, diagonal FOV: 115° 3.6 mm, horizontal FOV: 76°, vertical FOV: 41°, diagonal FOV: 90° 6 mm, horizontal FOV: 50°, vertical FOV: 27°, diagonal FOV: 58°	2.8 mm, horizontal FOV: 98°, vertical FOV: 51°, diagonal FOV: 115° 3.6 mm, horizontal FOV: 76°, vertical FOV: 41°, diagonal FOV: 90° 6 mm, horizontal FOV: 50°, vertical FOV: 27°, diagonal FOV: 58°	2.8 mm, horizontal FOV: 98°, vertical FOV: 51°, diagonal FOV: 115° 3.6 mm, horizontal FOV: 76°, vertical FOV: 41°, diagonal FOV: 90° 6 mm, horizontal FOV: 50°, vertical FOV: 27°, diagonal FOV: 58°	2.8 mm, horizontal FOV: 98°, vertical FOV: 51°, diagonal FOV: 115° 3.6 mm, horizontal FOV: 76°, vertical FOV: 41°, diagonal FOV: 90° 6 mm, horizontal FOV: 50°, vertical FOV: 27°, diagonal FOV: 58°
Angle Adjustment	Pan: 0° to 360°, Tilt: 0° to 90°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 90°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 180°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 75°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 75°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 75°, Rotate: 0° to 360°
Day & Night	Color	Color	Color	Color	Color	Color
WDR	>120dB	>120dB	>120dB	>120dB	>120dB	>120dB
Max. IR Range	Up to 20 m white light distance	Up to 20 m white light distance	Up to 40 m white light distance	Up to 20 m white light distance	Up to 20 m white light distance	Up to 40 m white light distance
HD Video Output	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS
CVBS Output	-	-	-	-	-	-
White Balance	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual
BLC	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF
3D DNR	Level 1 to 9					
Functions	Brightness, Sharpness, Mirror, Smart Light, Anti-Banding					
Protection Level	IP67	IP67	IP67	-	IP67	IP67
Alarm I/O	-	-	-	-	-	-
Power	12 VDC ±25%					

Model	DS-2CE10DF3T-PF	DS-2CE10DF3T-F	DS-2CE12DF3T-F	DS-2CE70DF3T-PF	DS-2CE70DF3T-MF	DS-2CE72DF3T-F
Image	 Hikvision ColorVu	 Hikvision ColorVu	 Hikvision ColorVu	 Hikvision ColorVu	 Hikvision ColorVu	 Hikvision ColorVu
Description	2 MP Full Time Color Bullet Camera	2 MP Full Time Color Bullet Camera	2 MP Full Time Color Bullet Camera	2 MP Full Time Color Turret Camera	2 MP Full Time Color Turret Camera	2 MP Full Time Color Turret Camera
Lens	2.8 mm, 3.6mm, 6mm fixed lens	2.8 mm, 3.6mm, 6mm fixed lens	2.8 mm, 3.6mm, 6mm fixed lens	2.8 mm, 3.6mm, 6mm fixed lens	2.8 mm, 3.6mm, 6mm fixed lens	2.8 mm, 3.6mm, 6mm fixed lens
Min. Illumination	0.0005 Lux @ [F1.0, AGC ON], 0 Lux with white light	0.0005 Lux @ [F1.0, AGC ON], 0 Lux with white light	0.0005 Lux @ [F1.0, AGC ON], 0 Lux with white light	0.0005 Lux @ [F1.0, AGC ON], 0 Lux with white light	0.0005 Lux @ [F1.0, AGC ON], 0 Lux with white light	0.0005 Lux @ [F1.0, AGC ON], 0 Lux with white light
FOV	2.8 mm, horizontal FOV: 106°, vertical FOV: 56°, diagonal FOV: 129° 3.6 mm, horizontal FOV: 83°, vertical FOV: 44°, diagonal FOV: 100° 6 mm, horizontal FOV: 54°, vertical FOV: 30°, diagonal FOV: 64°	2.8 mm, horizontal FOV: 106°, vertical FOV: 56°, diagonal FOV: 129° 3.6 mm, horizontal FOV: 83°, vertical FOV: 44°, diagonal FOV: 100° 6 mm, horizontal FOV: 54°, vertical FOV: 30°, diagonal FOV: 64°	2.8 mm, horizontal FOV: 106°, vertical FOV: 56°, diagonal FOV: 129° 3.6 mm, horizontal FOV: 83°, vertical FOV: 44°, diagonal FOV: 100° 6 mm, horizontal FOV: 54°, vertical FOV: 30°, diagonal FOV: 64°	2.8 mm, horizontal FOV: 106°, vertical FOV: 56°, diagonal FOV: 129° 3.6 mm, horizontal FOV: 83°, vertical FOV: 44°, diagonal FOV: 100° 6 mm, horizontal FOV: 54°, vertical FOV: 30°, diagonal FOV: 64°	2.8 mm, horizontal FOV: 106°, vertical FOV: 56°, diagonal FOV: 129° 3.6 mm, horizontal FOV: 83°, vertical FOV: 44°, diagonal FOV: 100° 6 mm, horizontal FOV: 54°, vertical FOV: 30°, diagonal FOV: 64°	2.8 mm, horizontal FOV: 106°, vertical FOV: 56°, diagonal FOV: 129° 3.6 mm, horizontal FOV: 83°, vertical FOV: 44°, diagonal FOV: 100° 6 mm, horizontal FOV: 54°, vertical FOV: 30°, diagonal FOV: 64°
Angle Adjustment	Pan: 0° to 360°; Tilt: 0° to 90°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt: 0° to 90°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt: 0° to 180°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt: 0° to 75°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt: 0° to 75°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt: 0° to 75°; Rotate: 0° to 360°
Day & Night	Color	Color	Color	Color	Color	Color
WDR	>130dB	>130dB	>130dB	>130dB	>130dB	>130dB
Max. IR Range	Up to 20 m white light distance	Up to 20 m white light distance	Up to 40 m white light distance	Up to 20 m white light distance	Up to 20 m white light distance	Up to 40 m white light distance
HD Video Output	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS
CVBS Output	-	-	-	-	-	-
White Balance	Auto/Off	Auto/Off	Auto/Off	Auto/Off	Auto/Off	Auto/Off
BLC	WDR/BLC/HLS/OFF	WDR/BLC/HLS/OFF	WDR/BLC/HLS/OFF	WDR/BLC/HLS/OFF	WDR/BLC/HLS/OFF	WDR/BLC/HLS/OFF
3D DNR	Level 1 to 9					
Functions	Brightness, Sharpness, Mirror, Smart Light, Anti-Banding, Contrast, Defective Pixel Correction	Brightness, Sharpness, Mirror, Smart Light, Anti-Banding, Contrast, Defective Pixel Correction	Brightness, Sharpness, Mirror, Smart Light, Anti-Banding, Contrast, Defective Pixel Correction	Brightness, Sharpness, Mirror, Smart Light, Anti-Banding, Contrast, Defective Pixel Correction	Brightness, Sharpness, Mirror, Smart Light, Anti-Banding, Contrast, Defective Pixel Correction	Brightness, Sharpness, Mirror, Smart Light, Anti-Banding, Contrast, Defective Pixel Correction
Protection Level	IP67	IP67	IP67	-	IP67	IP67
Alarm I/O	-	-	-	-	-	-
Power	12 VDC ±25%					

Model	DS-2CE10DF8T-PF	DS-2CE10DF8T-F	DS-2CE12DF8T-F	DS-2CE70DF8T-PF	DS-2CE70DF8T-MF	DS-2CE72DF8T-F
Image	 NEW	 NEW	 NEW	 NEW	 NEW	 NEW
Description	2 MP Full Time Color Bullet Camera	2 MP Full Time Color Bullet Camera	2 MP Full Time Color Bullet Camera	2 MP Full Time Color Turret Camera	2 MP Full Time Color Turret Camera	2 MP Full Time Color Turret Camera
Lens	2.8 mm, 3.6mm, 6mm fixed lens	2.8 mm, 3.6mm, 6mm fixed lens	2.8 mm, 3.6mm, 6mm fixed lens	2.8 mm, 3.6mm, 6mm fixed lens	2.8 mm, 3.6mm, 6mm fixed lens	2.8 mm, 3.6mm, 6mm fixed lens
Min. Illumination	0.0003 Lux @ [F1.0, AGC ON], 0 Lux with white light	0.0003 Lux @ [F1.0, AGC ON], 0 Lux with white light	0.0003 Lux @ [F1.0, AGC ON], 0 Lux with white light	0.0003 Lux @ [F1.0, AGC ON], 0 Lux with white light	0.0003 Lux @ [F1.0, AGC ON], 0 Lux with white light	0.0003 Lux @ [F1.0, AGC ON], 0 Lux with white light
FOV	2.8 mm, horizontal FOV: 106°, vertical FOV: 56°, diagonal FOV: 129° 3.6 mm, horizontal FOV: 83°, vertical FOV: 44°, diagonal FOV: 100° 6 mm, horizontal FOV: 54°, vertical FOV: 30°, diagonal FOV: 64°	2.8 mm, horizontal FOV: 106°, vertical FOV: 56°, diagonal FOV: 129° 3.6 mm, horizontal FOV: 83°, vertical FOV: 44°, diagonal FOV: 100° 6 mm, horizontal FOV: 54°, vertical FOV: 30°, diagonal FOV: 64°	2.8 mm, horizontal FOV: 106°, vertical FOV: 56°, diagonal FOV: 129° 3.6 mm, horizontal FOV: 83°, vertical FOV: 44°, diagonal FOV: 100° 6 mm, horizontal FOV: 54°, vertical FOV: 30°, diagonal FOV: 64°	2.8 mm, horizontal FOV: 106°, vertical FOV: 56°, diagonal FOV: 129° 3.6 mm, horizontal FOV: 83°, vertical FOV: 44°, diagonal FOV: 100° 6 mm, horizontal FOV: 54°, vertical FOV: 30°, diagonal FOV: 64°	2.8 mm, horizontal FOV: 106°, vertical FOV: 56°, diagonal FOV: 129° 3.6 mm, horizontal FOV: 83°, vertical FOV: 44°, diagonal FOV: 100° 6 mm, horizontal FOV: 54°, vertical FOV: 30°, diagonal FOV: 64°	2.8 mm, horizontal FOV: 106°, vertical FOV: 56°, diagonal FOV: 129° 3.6 mm, horizontal FOV: 83°, vertical FOV: 44°, diagonal FOV: 100° 6 mm, horizontal FOV: 54°, vertical FOV: 30°, diagonal FOV: 64°
Angle Adjustment	Pan: 0° to 360°, Tilt: 0° to 90°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 90°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 180°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 75°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 75°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 75°, Rotate: 0° to 360°
Day & Night	Color	Color	Color	Color	Color	Color
WDR	>130dB	>130dB	>130dB	>130dB	>130dB	>130dB
Max. IR Range	Up to 20 m white light distance	Up to 20 m white light distance	Up to 40 m white light distance	Up to 20 m white light distance	Up to 20 m white light distance	Up to 40 m white light distance
HD Video Output	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS
CVBS Output	-	-	-	-	-	-
White Balance	Auto/Off	Auto/Off	Auto/Off	Auto/Off	Auto/Off	Auto/Off
BLC	WDR/BLC/HLS/OFF	WDR/BLC/HLS/OFF	WDR/BLC/HLS/OFF	WDR/BLC/HLS/OFF	WDR/BLC/HLS/OFF	WDR/BLC/HLS/OFF
3D DNR	Level 1 to 9					
Functions	Brightness, Sharpness, Mirror, Smart Light, Anti-Banding, Contrast					
Protection Level	IP68	IP68	IP68	-	IP68	IP68
Alarm I/O	-	-	-	-	-	-
Power	12 VDC ±25%					

5 MP

Model	DS-2CE10HFT-F28(2.8mm)	DS-2CE72HFT-F28(2.8mm)	DS-2CE12HFT-F28(2.8mm)	DS-2CE12HFT-F
Image	 Hikvision ColorVu	 Hikvision ColorVu	 Hikvision ColorVu	 Hikvision ColorVu
Description	5 MP Full Time Color Bullet Camera	5 MP Full Time Color Turret Camera	5 MP Full Time Color Bullet Camera	5 MP Full Time Color Bullet Camera
Lens	2.8 mm fixed lens	2.8 mm fixed lens	2.8 mm fixed lens	3.6 mm, 6 mm fixed lens
Min. Illumination	0.0005 Lux @ [F1.0, AGC ON], 0 Lux with White Light	0.0005 Lux @ [F1.0, AGC ON], 0 Lux with White Light	0.0005 Lux @ [F1.0, AGC ON], 0 Lux with White Light	0.0005 Lux @ [F1.0, AGC ON], 0 Lux with White Light
FOV	2.8 mm, horizontal FOV: 99.7°, verticalFOV: 72°, diagonal FOV: 139.8°	2.8 mm, horizontal FOV: 99.7°, verticalFOV: 72°, diagonal FOV: 139.8°	2.8 mm, horizontal FOV: 99.7°, verticalFOV: 72°, diagonal FOV: 139.8°	80.1° [3.6 mm], 49.3° [6 mm]
Angle Adjustment	Pan: 0 to 360°, Tilt: 0 to 90°, Zoom 0 to 360°	Pan: 0 to 360°, Tilt: 0 to 75°, Zoom 0 to 360°	Pan: 0 to 360°, Tilt: 0 to 90°, Zoom 0 to 360°	Pan: 0 to 360°, Tilt: 0 to 90°, Zoom 0 to 360°
Day & Night	Color	Color	Color	Color
WDR	≥130 dB	≥130 dB	≥130 dB	≥130 dB
Max. IR Range	Up to 20 m	Up to 20 m	Up to 40 m	Up to 40 m
HD Video Output	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS
CVBS Output	-	-	-	-
White Balance	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual
BLC	-	-	-	-
3D DNR	3D DNR	3D DNR	3D DNR	3D DNR
Functions	Brightness, Sharpness, Mirror, Smart Light	Brightness, Sharpness, Mirror, Smart Light	Brightness, Sharpness, Mirror, Smart Light	Brightness, Sharpness, Mirror, Smart Light
Protection Level	IP67	IP67	IP67	IP67
Alarm I/O	-	-	-	-
Power	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%

Turbo HD Cameras

Pro Series

Pro Series Cameras provide high quality imaging with advanced technologies including ultra-high-definition resolutions, ultra-low-light performance, and 130 dB True WDR. And depending on the power of the base, these cameras can give clearer details even in extremely wide, ultra-low light, and strongly back-lit places.

- Ultra HD
- Ultra-low-light night vision
- 130 dB True WDR
- PoC for easy installation
- 4-in-1
- EXIR 2.0



HD 1080P

Model	DS-2CE16D8T-ITPF	DS-2CE16D8T-ITF	DS-2CE16D8T-IT1F	DS-2CE16D8T-IT3F	DS-2CE16D8T-IT5F	DS-2CE56D8T-VPITF	DS-2CE56D8T-IRS
Image							
Ultra-Light	Ultra-Low Light	Ultra-Low Light	Ultra-Low Light	Ultra-Low Light	Ultra-Low Light	Ultra-Low Light	Ultra-Low Light
Description	2 MP Ultra-Low Light EXIR Bullet Camera	2 MP Ultra-Low Light Bullet Camera	2 MP Ultra-Low Light EXIR Bullet Camera	2 MP Ultra-Low Light Bullet Camera	2 MP Ultra-Low Light EXIR Bullet Camera	2 MP Ultra-Low Light Dome Camera	2 MP Ultra-Low Light Dome Camera
Lens	2.8 mm, 3.6 mm, 6 mm fixed focal lens	2.8 mm, 3.6 mm, 6 mm, 8 mm fixed focal lens	2.8 mm, 3.6 mm, 6 mm, 8 mm fixed focal lens	2.8 mm, 3.6 mm, 6 mm, 8 mm, 12 mm fixed focal lens	3.6 mm, 6 mm, 8 mm, 12 mm fixed focal lens	2.8 mm, 3.6 mm, 6 mm fixed focal lens	2.8 mm, 3.6 mm, 6 mm fixed focal lens
Min. Illumination	Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR	0.005 Lux @ [F1.2, AGC ON], 0 Lux with IR
FOV	Horizontal Field of View 103.5° [2.8 mm], 82.6° [3.6 mm], 54.4° [6 mm], 38° [8 mm]	Horizontal Field of View 103.5° [2.8 mm], 82.6° [3.6 mm], 54.4° [6 mm], 38° [8 mm]	Horizontal Field of View 103.5° [2.8 mm], 82.6° [3.6 mm], 54.4° [6 mm], 38° [8 mm]	103.5° [2.8 mm], 82.6° [3.6 mm], 54.4° [6 mm], 38° [8 mm], 24.4° [12 mm]	Horizontal Field of View 82.6° [3.6 mm], 54.4° [6 mm], 38° [8 mm], 24.4° [12 mm]	Horizontal Field of View 103.5° [2.8 mm], 82.6° [3.6 mm], 54.4° [6 mm]	Horizontal Field of View 94.5° [2.8 mm], 79.1° [3.6 mm], 50° [6 mm]
Angle Adjustment	Pan: 0° to 360°, Tilt: 0° to 90°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 180°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 180°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 180°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 180°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 75°, Rotate: 0° to 360°	Pan: -30° to 30°, Tilt: 0° to 80°, Rotate: -180° to 180°
Day & Night	IR Cut Filter	IR Cut Filter	IR Cut Filter	IR Cut Filter	IR Cut Filter	IR Cut Filter	IR Cut Filter
WDR	> 130 dB	> 130 dB	> 130 dB	> 130 dB	> 130 dB	> 130 dB	> 120 dB
Max. IR Range	Up to 30 m	Up to 30 m	Up to 30 m	Up to 60 m	Up to 80 m	Up to 30 m	Up to 20 m
HD Video Output	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	1 HD analog output
CVBS Output	-	-	-	-	-	-	-
D/N Mode	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)			
White Balance	ATW/MANUAL	ATW/MANUAL	ATW/MANUAL	ATW/MANUAL	ATW/MANUAL	ATW/MANUAL	ATW/MANUAL
BLC	WDR/BLC/HLC/OFF	WDR/BLC/HLC/OFF	WDR/BLC/HLC/OFF	WDR/BLC/HLC/OFF	WDR/BLC/HLC/OFF	WDR/BLC/HLC/OFF	WDR/BLC/HLC/OFF
3D DNR	Level 1 to 10	Level 1 to 10	Level 1 to 10	Level 1 to 10			
Functions	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR			
Protection Level	IP67	IP67	IP67	IP67	IP67	IP67,IK10	-
Alarm I/O	-	-	-	-	-	-	-
Power	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC±30%

Model	DS-2CE56D8T-ITMF	DS-2CE56D8T-IT1F	DS-2CE56D8T-IT3F	DS-2CE16D8T-IT3ZF	DS-2CE16D8T-AIT3ZF	DS-2CE56D8T-IT3ZF	DS-2CE56D8T-ITZF
Image							
Ultra-Light	Ultra-Low Light	Ultra-Low Light	Ultra-Low Light	Ultra-Low Light	Ultra-Low Light	Ultra-Low Light	Ultra-Low Light
Description	2 MP Ultra-Low Light Turret Camera	2 MP Ultra-Low Light EXIR Turret Camera	2 MP Ultra-Low Light EXIR Turret Camera	2 MP Ultra-Low Light VF Bullet Camera	2 MP Ultra-Low Light VF Bullet Camera	2 MP Ultra-Low Light VF Turret Camera	2 MP Ultra-Low Light ZF EXIR Dome Camera
Lens	2.8 mm, 3.6 mm, 6 mm fixed focal lens	Lens 2.8 mm, 3.6 mm, 6 mm, fixed focal lens	2.8 mm, 3.6 mm, 6 mm, 8 mm, 12 mm fixed focal lens	2.8 mm to 12 mm motorized auto focus lens	2.8 mm to 12 mm motorized auto focus lens	2.8 mm to 12 mm motorized auto focus lens	2.8 mm to 12 mm motorized auto focus lens
Min. Illumination	Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.003 Lux @ [F1.2 AGC ON], 0 Lux with IR	Min. illumination Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR
FOV	Horizontal Field of View 103.5° [2.8 mm], 82.6° [3.6 mm], 54.4° [6 mm]	Horizontal Field of View 103.5° [2.8 mm], 82.6° [3.6 mm], 54.4° [6 mm]	Horizontal Field of View 103.5° [2.8 mm], 82.6° [3.6 mm], 54.4° [6 mm], 38° [8 mm], 24.4° [12 mm]	103.5° [2.8 mm], 82.6° [3.6 mm], 54.4° [6 mm], 38° [8 mm], 24.4° [12 mm]	Horizontal Field of View 32.1° to 103°	Horizontal Field of View 32.1° to 103°	Horizontal Field of View 32.1° to 103°
Angle Adjustment	Pan: 0° to 360°, Tilt: 0° to 75°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 75°, Rotate: 0° to 360°	Angle Adjustment Pan: 0° to 360°, Tilt: 0° to 75°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 90°, Rotate: 0° to 360°	Angle Adjustment Pan: 0° to 360°, Tilt: 0° to 90°, Rotate: 0° to 360°	Angle Adjustment Pan: 0° to 360°, Tilt: 0° to 75°, Rotate: 0° to 360°	Pan: 0° to 340°, Tilt: 0° to 75°, Rotate: 0° to 355°
Day & Night	IR Cut Filter	IR Cut Filter	IR Cut Filter	IR Cut Filter	IR Cut Filter	IR Cut Filter	IR Cut Filter
WDR	> 130 dB	> 130 dB	> 130 dB	> 130 dB	> 130 dB	> 130 dB	> 130 dB
Max. IR Range	Up to 30 m	Up to 30 m	Up to 60 m	Up to 60 m	Up to 60 m	Up to 60 m	Up to 60 m
HD Video Output	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS
CVBS Output	-	-	-	-	-	-	-
D/N Mode	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)
White Balance	ATW/MANUAL	ATW/MANUAL	ATW/MANUAL	ATW/MANUAL	ATW/MANUAL	ATW/MANUAL	ATW/MANUAL
BLC	WDR/BLC/HLC/OFF	WDR/BLC/HLC/OFF	WDR/BLC/HLC/OFF	WDR/BLC/HLC/OFF	WDR/BLC/HLC/OFF	WDR/BLC/HLC/OFF	WDR/BLC/HLC/OFF
3D DNR	Level 1 to 10	Level 1 to 10	Level 1 to 10	Level 1 to 10	Level 1 to 10	Level 1 to 10	Level 1 to 10
Functions	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR
Protection Level	IP67	IP67	IP67	IP67	IP67	IP67	-
Alarm I/O	-	-	-	-	-	-	-
Power	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	9.6 VDC to 14.4 VDC; 19.2 VAC to 28.8 VAC	9 VDC to 15 VDC	9 VDC to 15 VDC

Model	DS-2CE56D8T-AITZF	DS-2CE56D8T-VPIT3ZF	DS-2CE56D8T-VPIT3ZF	DS-2CE5AD8T-VPIT3ZF	DS-2CE5AD8T-VPIT3ZF	DS-2CC12D8T-AMM	DS-2CE16D8T-ITE
Image							
	Ultra-Low Light	Ultra-Low Light	Ultra-Low Light & PoC				
Description	2 MP Ultra-Low Light ZF EXIR Dome Camera	2 MP Ultra-Low Light VF Dome Camera	2 MP Ultra-Low Light VF Dome Camera	2 MP Ultra-Low Light VF Dome Camera	2 MP Ultra-Low Light VF Dome Camera	2 MP Ultra-Low Light Box Camera	2 MP Ultra-Low Light PoC EXIR Bullet Camera
Lens	2.8 mm to 12 mm motorized auto focus lens	2.8 mm to 12 mm motorized auto focus lens	2.8 mm to 12 mm motorized auto focus lens	2.8 mm to 12 mm motorized auto focus lens	2.8 mm to 12 mm motorized auto focus lens	C/CS	2.8 mm, 3.6 mm, 6 mm fixed focal lens
Min. Illumination	Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.005 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR
FOV	Horizontal Field of View 32.1° to 103°	32.1° to 103°	-	Horizontal Field of View 103.5° [2.8 mm], 82.6° [3.6 mm], 54.4° [6 mm]			
Angle Adjustment	Pan: 0° to 340°, Tilt:0° to 75°, Rotate: 0° to 355°	Pan: 0° to 340°, Tilt:0° to 75°, Rotate: 0° to 355°	Pan: 0° to 340°, Tilt:0° to 75°, Rotate: 0° to 355°	Pan: 0° to 340°, Tilt:0° to 75°, Rotate: 0° to 355°	Pan: 0° to 340°, Tilt: 0° to 75°, Rotate: 0° to 355°	-	Pan: 0° to 360°, Tilt: 0° to 180, Rotate: 0° to 360°
Day & Night	IR Cut Filter	-	IR Cut Filter				
WDR	> 130 dB	> 120 dB	> 130 dB				
Max. IR Range	Up to 60 m	-	Up to 30 m				
HD Video Output	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	1 HD analog output	1 HD analog output
CVBS Output	-	-	-	-	-	-	-
D/N Mode	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)				
White Balance	ATW/MANUAL	ATW/MANUAL	ATW/MANUAL	ATW/MANUAL	ATW/MANUAL	ATW/MANUAL	ATW/MANUAL
BLC	WDR/BLC/HLC/OFF	WDR/BLC/HLC/OFF	WDR/BLC/HLC/OFF	WDR/BLC/HLC/OFF	WDR/BLC/HLC/OFF	WDR/BLC/HLC/OFF	WDR/BLC/HLC/OFF
3D DNR	Level 1 to 10	Level 1 to 10	Level 1 to 10				
Functions	Brightness, Sharpness, Mirror, Smart IR	Brightness, sharpness, mirror	Brightness, Sharpness, Mirror, Smart IR				
Protection Level	-	IP67,IK10	IP67,IK10	IP67,IK10	IP67,IK10	-	IP67
Alarm I/O	-	-	-	-	-	-	-
Power	9.6 VDC to 14.4 VDC; 19.2 VAC to 28.8 VAC	12 VDC ±25%	9.6 VDC to 14.4 VDC; 19.2 VAC to 28.8 VAC	9 VDC to 15 VDC	9.6 VDC to 14.4 VDC; 19.2 VAC to 28.8 VAC	12 VDC ±25% 24 VAC ±25%	12 VDC ±25%/PoC.af

Model	DS-2CE16D8T-IT1E	DS-2CE16D8T-IT3E	DS-2CE16D8T-IT5E	DS-2CE56D8T-VPITE	DS-2CE56D8T-ITME	DS-2CE56D8T-IT1E
Image						
	Ultra-Low Light & PoC	Ultra-Low Light & PoC	Ultra-Low Light & PoC	Ultra-Low Light & PoC	Ultra-Low Light & PoC	Ultra-Low Light & PoC
Description	2 MP Ultra-Low Light PoC Bullet Camera	2 MP Ultra-Low Light PoC EXIR Bullet Camera	2 MP Ultra-Low Light PoC EXIR Bullet Camera	2 MP Ultra-Low Light PoC Dome Camera	2 MP Ultra-Low Light PoC Turret Camera	2 MP Ultra Low-Light PoC EXIR Turret Camera
Lens	2.8 mm, 3.6 mm, 6 mm, 8 mm fixed focal lens	2.8 mm, 3.6 mm, 6 mm, 8 mm, 12 mm fixed focal lens	3.6 mm, 6 mm, 8 mm, 12 mm fixed focal lens	2.8 mm, 3.6 mm, 6 mm fixed focal lens	2.8 mm, 3.6 mm, 6 mm fixed focal lens	2.8 mm, 3.6 mm, 6 mm fixed focal lens
Min. Illumination	Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR
FOV	Horizontal Field of View 103.5° [2.8 mm], 82.6° [3.6 mm], 54.4° [6 mm], 38° [8 mm]	103.5° [2.8 mm], 82.6° [3.6 mm], 54.4° [6 mm], 38° [8 mm], 24.4° [12 mm]	Horizontal Field of View 82.6° [3.6 mm], 54.4° [6 mm], 38° [8 mm], 24.4° [12 mm]	Horizontal Field of View 103.5° [2.8 mm], 82.6° [3.6 mm], 54.4° [6 mm]	Horizontal Field of View 103.5° [2.8 mm], 82.6° [3.6 mm], 54.4° [6 mm]	Horizontal Field of View 103.5° [2.8 mm], 82.6° [3.6 mm], 54.4° [6 mm]
Angle Adjustment	Pan: 0° to 360°, Tilt: 0° to 180°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 180°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 180°, Rotate: 0° to 360°	Pan: 0° to 355°, Tilt: 0° to 75°, Rotate: 0° to 355°	Pan: 0° to 360°, Tilt: 0° to 75°, Rotate: 0° to 360°	Angle Adjustment Pan: 0° to 360°, Tilt: 0° to 75°, Rotate: 0° to 360°
Day & Night	IR Cut Filter					
WDR	> 130 dB					
Max. IR Range	Up to 30 m	Up to 60 m	Up to 80 m	Up to 30 m	Up to 30 m	Up to 30 m
HD Video Output	1 HD analog output	1 HD analog output	1 HD analog output	1 HD analog output	1 HD analog output	1 HD analog output
CVBS Output	-	-	-	-	-	-
D/N Mode	Auto/Color/BW (Black and White)					
White Balance	ATW/MANUAL	ATW/MANUAL	ATW/MANUAL	ATW/MANUAL	ATW/MANUAL	ATW/MANUAL
BLC	WDR/BLC/HLC/OFF	WDR/BLC/HLC/OFF	WDR/BLC/HLC/OFF	WDR/BLC/HLC/OFF	WDR/BLC/HLC/OFF	WDR/BLC/HLC/OFF
3D DNR	Level 1 to 10					
Functions	Brightness, Sharpness, Mirror, Smart IR					
Protection Level	IP67	IP67	IP67	IP67, IK10	IP67	IP67
Alarm I/O	-	-	-	-	-	-
Power	12 VDC ±25%/PoC.af	12 VDC ±25%/PoC.af	12 VDC ±25%/PoC.at	12 VDC ;25%/PoC.af	12 VDC ±25%/PoC.af	12 VDC ±25%/PoC.af

Model	DS-2CE56D8T-IT3E	DS-2CE16D8T-IT3ZE	DS-2CE56D8T-IT3ZE	DS-2CE56D8T-ITZE	DS-2CE56D8T-VPIT3ZE	DS-2CE5AD8T-VPIT3ZE
Image	 Ultra-Low Light & PoC	 Ultra-Low Light & PoC	 Ultra-Low Light & PoC	 Ultra-Low Light & PoC	 Ultra-Low Light & PoC	 Ultra-Low Light & PoC
Description	2 MP Ultra-Low Light PoC Turret Camera	2 MP Ultra-Low Light VF PoC Bullet Camera	2 MP Ultra-Low Light VF PoC Turret Camera	2 MP Ultra-Low Light VF PoC EXIR Dome Camera	2 MP Ultra-Low Light VF PoC Dome Camera	2 MP Ultra-Low Light VF PoC Dome Camera
Lens	2.8 mm, 3.6 mm, 6 mm, 8 mm, 12 mm fixed focal lens	2.7 mm to 13.5 mm motorized auto focus lens	2.7 mm to 13.5 mm motorized auto focus lens	2.7 mm to 13.5 mm motorized auto focus lens	2.7 mm to 13.5 mm motorized auto focus lens	2.7 mm to 13.5 mm motorized auto focus lens
Min. Illumination	Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR
FOV	Horizontal Field of View 103.5° [2.8 mm], 82.6° [3.6 mm], 54.4° [6 mm], 38° [8 mm], 24.4° [12 mm]	Horizontal Field of View 32.1° to 103°	Horizontal Field of View 32.1° to 103°	Horizontal Field of View 32.1° to 103°	Horizontal Field of View 32.1° to 103°	32.1° to 103°
Angle Adjustment	Angle Adjustment Pan: 0° to 360°, Tilt: 0° to 75°, Rotate: 0° to 360°	Angle Adjustment Pan: 0° to 360°, Tilt: 0° to 90°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 75°, Rotate: 0° to 360°	Pan: 0° to 340°, Tilt: 0° to 75°, Rotate: 0° to 355°	Pan: 0° to 340°, Tilt: 0° to 75°, Rotate: 0° to 355°	Pan: 0° to 340°, Tilt: 0° to 75°, Rotate: 0° to 355°
Day & Night	IR Cut Filter	IR Cut Filter	IR Cut Filter	IR Cut Filter	IR Cut Filter	IR Cut Filter
WDR	> 130 dB	> 130 dB	> 130 dB	> 130 dB	> 130 dB	> 130 dB
Max. IR Range	Up to 60 m	Up to 60 m	Up to 60 m	Up to 30 m	Up to 60 m	Up to 60 m
HD Video Output	1 HD analog output	1 HD analog output	1 HD analog output	1 HD analog output	1 HD analog output	1 HD analog output
CVBS Output	-	-	-	-	-	-
D/N Mode	Auto/Color/BW [Black and White]	Auto/Color/BW [Black and White]	Auto/Color/BW [Black and White]	Auto/Color/BW [Black and White]	Auto/Color/BW [Black and White]	Auto/Color/BW [Black and White]
White Balance	ATW/MANUAL	ATW/MANUAL	ATW/MANUAL	ATW/MANUAL	ATW/MANUAL	ATW/MANUAL
BLC	WDR/BLC/HLC/OFF	WDR/BLC/HLC/OFF	WDR/BLC/HLC/OFF	WDR/BLC/HLC/OFF	WDR/BLC/HLC/OFF	WDR/BLC/HLC/OFF
3D DNR	Level 1 to 10	Level 1 to 10	Level 1 to 10	Level 1 to 10	Level 1 to 10	Level 1 to 10
Functions	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR
Protection Level	IP67	IP67	IP67	IP50	IP67, IK10	IP67, IK10
Alarm I/O	-	-	-	-	-	-
Power	12 VDC ±25%/PoC.af	12 VDC ±25%/PoC.at	12 VDC ±25%/PoC.at	12 VDC ±25%/PoC.at	12 VDC ±25%/PoC.af	9 VDC to 15 VDC/PoC.af

Model	DS-2CE16H8T-ITF	DS-2CE16H8T-IT1F	DS-2CE16H8T-IT3F	DS-2CE16H8T-IT5F	DS-2CE57H8T-VPITF	DS-2CE76H8T-ITMF
Image						
Description	5 MP Ultra-Low Light Bullet Camera	5 MP Ultra-Low Light Bullet Camera	5 MP Ultra-Low Light Bullet Camera	5 MP Ultra-Low Light Bullet Camera	5 MP Ultra-Low Light Dome Camera	5 MP Ultra-Low Light Turret Camera
Lens	2.8 mm, 3.6 mm, 6 mm fixed focal lens	2.8 mm, 3.6 mm, 6 mm fixed focal lens	2.8 mm, 3.6 mm, 6 mm, 8 mm, 12 mm fixed focal lens	3.6 mm, 6 mm, 8 mm, 12 mm fixed focal lens	2.8 mm, 3.6 mm, 6 mm fixed focal lens	2.8 mm, 3.6 mm, 6 mm fixed focal lens
Min. Illumination	Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR
FOV	98° [2.8 mm], 78° [3.6 mm], 48° [6 mm]	98° [2.8 mm], 78° [3.6 mm], 48° [6 mm]	98° [2.8 mm], 78° [3.6 mm], 48° [6 mm], 37° [8 mm], 23° [12 mm]	78° [3.6 mm], 48° [6 mm], 37° [8 mm], 23° [12 mm]	98° [2.8 mm], 78° [3.6 mm], 48° [6 mm]	98° [2.8 mm], 78° [3.6 mm], 48° [6 mm]
Angle Adjustment	Pan: 0° to 360°; Tilt:0° to 180°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt:0° to 180°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt:0° to 180°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt:0° to 180°; Rotate: 0° to 360°	Pan: 0° to 355°; Tilt:0° to 75°; Rotate: 0° to 355°	Pan: 0° to 360°; Tilt:0° to 75°; Rotate: 0° to 360°
Day & Night	IR Cut Filter	IR Cut Filter	IR Cut Filter	IR Cut Filter	IR Cut Filter	IR Cut Filter
WDR	> 130 dB	> 130 dB	> 130 dB	> 130 dB	> 130 dB	> 130 dB
Max. IR Range	Up to 30 m	Up to 30 m	Up to 60 m	Up to 80 m	Up to 30 m	Up to 30 m
HD Video Output	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS
CVBS Output	-	-	-	-	-	-
D/N Mode	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)
White Balance	ATW/MWB	ATW/MWB	ATW/MWB	ATW/MWB	ATW/MWB	ATW/MWB
BLC	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF
DNR	3D[Level 1 to 9]	3D[Level 1 to 9]	3D[Level 1 to 9]	3D[Level 1 to 9]	3D[Level 1 to 9]	3D[Level 1 to 9]
Functions	Brightness, Sharpness, 3D DNR, Mirror, Smart IR	Brightness, Sharpness, 3D DNR, Mirror, Smart IR	Brightness, Sharpness, 3D DNR, Mirror, Smart IR	Brightness, Sharpness, 3D DNR, Mirror, Smart IR	Brightness, Sharpness, 3D DNR, Mirror, Smart IR	Brightness, Sharpness, 3D DNR, Mirror, Smart IR
Protection Level	IP67	IP67	IP67	IP67	IP67,IK10	IP67
Alarm I/O	-	-	-	-	-	-
Power	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%

Model	DS-2CE78H8T-IT1F	DS-2CE78H8T-IT3F	DS-2CE19H8T-AIT3ZF	DS-2CE79H8T-AIT3ZF	DS-2CE56H8T-AITZF
Image	 Ultra-Low Light	 Ultra-Low Light	 Ultra-Low Light	 Ultra-Low Light	 Ultra-Low Light
Description	5 MP Ultra-Low Light EXIR Turret Camera	5 MP Ultra-Low Light Turret Camera	5 MP Ultra-Low Light VF Bullet Camera	5 MP Ultra-Low Light VF Turret Camera	5 MP Ultra-Low Light VF Dome Camera
Lens	2.8 mm, 3.6 mm, 6 mm fixed focal lens	2.8 mm, 3.6 mm, 6 mm, 8 mm, 12 mm fixed focal lens	2.7 mm to 13.5 mm motorized auto focus lens	2.7 mm to 13.5 mm motorized auto focus lens	2.7 mm to 13.5 mm motorized auto focus lens
Min. Illumination	Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR
FOV	98° [2.8 mm], 78° [3.6 mm], 48° [6 mm]	98° [2.8 mm], 78° [3.6 mm], 48° [6 mm], 37° [8 mm], 23° [12 mm]	92.3° to 29.3°	92.3° to 29.3°	92.3° to 29.3°
Angle Adjustment	Pan: 0° to 360°; Tilt: 0° to 75°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt: 0° to 75°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt: 0° to 90°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt: 0° to 75°; Rotate: 0° to 360°	Pan: 0° to 355°; Tilt: 0° to 75°; Rotate: 0° to 355°
Day & Night	IR Cut Filter	IR Cut Filter	IR Cut Filter	IR Cut Filter	IR Cut Filter
WDR	> 130 dB	> 130 dB	> 130 dB	> 130 dB	> 130 dB
Max. IR Range	Up to 30 m	Up to 60 m	Up to 80 m	Up to 60 m	Up to 60 m
HD Video Output	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS
CVBS Output	-	-	-	-	-
D/N Mode	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)
White Balance	ATW/MWB	ATW/MWB	ATW/MWB	ATW/MWB	ATW/MWB
BLC	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF
DNR	3D[Level 1 to 9]	3D[Level 1 to 9]	3D[Level 1 to 9]	3D[Level 1 to 9]	3D[Level 1 to 9]
Functions	Brightness, Sharpness, 3D DNR, Mirror, Smart IR	Brightness, Sharpness, 3D DNR, Mirror, Smart IR	Brightness, Sharpness, 3D DNR, Mirror, Smart IR	Brightness, Sharpness, 3D DNR, Mirror, Smart IR	Brightness, Sharpness, 3D DNR, Mirror, Smart IR
Protection Level	IP67	IP67	IP67	IP67	IP67
Alarm I/O	-	-	-	-	-
Power	12 VDC ±25%	12 VDC ±25%	9.6 VDC to 14.4 VDC; 19.2 VAC to 28.8 VAC	12 VDC ± 20%, 24 VAC ± 20%	9.6 VDC to 14.4 VDC; 19.2 VAC to 28.8 VAC

Model	DS-2CE59H8T-AVPIT3ZF	DS-2CE5AH8T-AVPIT3ZF
Image		
	(Ultra-Low Light)	(Ultra-Low Light)
Description	5 MP Ultra-Low Light VF Dome Camera	5 MP Ultra-Low Light VF Dome Camera
Lens	2.7 mm to 13.5 mm motorized auto focus lens	2.7 mm to 13.5 mm motorized auto focus lens
Min. Illumination	Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR
FOV	92.3° to 29.3°	92.3° to 29.3°
Angle Adjustment	Pan: 0° to 355°; Tilt: 0° to 75°; Rotate: 0° to 355°	Pan: 0° to 355°; Tilt: 0° to 75°; Rotate: 0° to 355°
Day & Night	IR Cut Filter	IR Cut Filter
WDR	> 130 dB	> 130 dB
Max. IR Range	Up to 60 m	Up to 60 m
HD Video Output	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS
CVBS Output	-	-
D/N Mode	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)
White Balance	ATW/MWB	ATW/MWB
BLC	WDR/BLC/OFF	WDR/BLC/OFF
DNR	3D[Level 1 to 9]	3D[Level 1 to 9]
Functions	Brightness, Sharpness, 3D DNR, Mirror, Smart IR	Brightness, Sharpness, 3D DNR, Mirror, Smart IR
Protection Level	IP67,IK10	IP67,IK10
Alarm I/O	-	-
Power	9.6 VDC to 14.4 VDC; 19.2 VAC to 28.8 VAC	9.6 VDC to 14.4 VDC; 19.2 VAC to 28.8 VAC

Model	DS-2CE16U7T-ITF	DS-2CE16U7T-IT3F	DS-2CE57U7T-VPITF
Image			
	(Ultra-Low Light)	(Ultra-Low Light)	(Ultra-Low Light)
Description	8 MP Ultra-Low Light Bullet Camera	8 MP Ultra-Low Light Bullet Camera	8 MP Ultra-Low Light Dome Camera
Lens	2.8 mm, 3.6 mm, 6 mm fixed focal lens	2.8 mm, 3.6 mm, 6 mm, 8 mm, 12 mm fixed focal lens	2.8 mm, 3.6 mm, 6 mm fixed focal lens
Min. Illumination	Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR
FOV	102.2° [2.8 mm], 79° [3.6 mm], 50.8° [6 mm]	102.2° [2.8 mm], 79° [3.6 mm], 50.8° [6 mm], 37.73° [8 mm], 23.96° [12 mm]	102.2° [2.8 mm], 79° [3.6 mm], 50.8° [6 mm]
Angle Adjustment	Pan: 0° to 360°; Tilt: 0° to 180°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt: 0° to 180°; Rotate: 0° to 360°	Pan: 0° to 355°; Tilt: 0° to 75°; Rotate: 0° to 355°
Day & Night	IR Cut Filter	IR Cut Filter	IR Cut Filter
WDR	> 130 dB	> 130 dB	> 130 dB
Max. IR Range	Up to 30 m	Up to 60 m	Up to 30 m
HD Video Output	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS
CVBS Output	-	-	-
D/N Mode	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)
White Balance	ATW/MWB	ATW/MWB	ATW/MWB
BLC	WDR/BLC/HLC/OFF	WDR/BLC/HLC/OFF	WDR/BLC/HLC/OFF
3D DNR	Level 1 to 10	Level 1 to 10	Level 1 to 10
Functions	Brightness, Sharpness, 3D DNR, Mirror, Smart IR	Brightness, Sharpness, 3D DNR, Mirror, Smart IR	Brightness, Sharpness, 3D DNR, Mirror, Smart IR
Protection Level	IP67	IP67	IP67,IK10
Alarm I/O	-	-	-
Power	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%

Model	DS-2CE76U7T-ITMF	DS-2CE78U7T-IT3F	DS-2CE19U7T-AIT3ZF	DS-2CE79U7T-AIT3ZF	DS-2CE59U7T-AVPIT3ZF	DS-2CE5AU7T-AVPIT3ZF
Image						
	(Ultra-Low Light)	(Ultra-Low Light)	(Ultra-Low Light)	(Ultra-Low Light)	(Ultra-Low Light)	(Ultra-Low Light)
Description	8 MP Ultra-Low Light Turret Camera	8 MP Ultra-Low Light Turret Camera	8 MP Ultra-Low Light Bullet Camera	8 MP Ultra-Low Light Turret Camera	8 MP Ultra-Low Light Dome Camera	8 MP Ultra-Low Light Dome Camera
Lens	2.8 mm, 3.6 mm, 6 mm fixed focal lens	2.8 mm, 3.6 mm, 6 mm, 8 mm, 12 mm fixed focal lens	2.7 mm to 13.5 mm motorized auto focus lens	2.7 mm to 13.5 mm motorized auto focus lens	2.7 mm to 13.5 mm motorized auto focus lens	2.7 mm to 13.5 mm motorized auto focus lens
Min. Illumination	Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR
FOV	102.2° (2.8 mm), 79° (3.6 mm), 50.8° (6 mm)	102.2° (2.8 mm), 79° (3.6 mm), 50.8° (6 mm), 37.73° (8 mm), 23.96° (12 mm)	108.1° to 45.6°	108.1° to 45.6°	108.1° to 45.6°	108.1° to 45.6°
Angle Adjustment	Pan: 0° to 360°; Tilt: 0° to 75°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt: 0° to 75°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt: 0° to 90°; Rotate: 0° to 360°	Pan: 0° to 355°; Tilt: 0° to 75°; Rotate: 0° to 355°	Pan: 0° to 355°; Tilt: 0° to 75°; Rotate: 0° to 355°	Pan: 0° to 355°; Tilt: 0° to 75°; Rotate: 0° to 355°
Day & Night	IR Cut Filter	IR Cut Filter	IR Cut Filter	IR Cut Filter	IR Cut Filter	IR Cut Filter
WDR	> 130 dB	> 130 dB	> 130 dB	> 130 dB	> 130 dB	> 130 dB
Max. IR Range	Up to 30 m	Up to 60 m	Up to 80 m	Up to 60 m	Up to 60 m	Up to 60 m
HD Video Output	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS
CVBS Output	-	-	-	-	-	-
D/N Mode	Auto/Color/BW [Black and White]	Auto/Color/BW [Black and White]	Auto/Color/BW [Black and White]	Auto/Color/BW [Black and White]	Auto/Color/BW [Black and White]	Auto/Color/BW [Black and White]
White Balance	ATW/MWB	ATW/MWB	ATW/MWB	ATW/MWB	ATW/MWB	ATW/MWB
BLC	WDR/BLC/HLC/OFF	WDR/BLC/HLC/OFF	WDR/BLC/HLC/OFF	WDR/BLC/HLC/OFF	WDR/BLC/HLC/OFF	WDR/BLC/HLC/OFF
3D DNR	Level 1 to 10	Level 1 to 10	Level 1 to 10	Level 1 to 10	Level 1 to 10	Level 1 to 10
Functions	Brightness, Sharpness, 3D DNR, Mirror, Smart IR	Brightness, Sharpness, 3D DNR, Mirror, Smart IR	Brightness, Sharpness, 3D DNR, Mirror, Smart IR	Brightness, Sharpness, 3D DNR, Mirror, Smart IR	Brightness, Sharpness, 3D DNR, Mirror, Smart IR	Brightness, Sharpness, 3D DNR, Mirror, Smart IR
Protection Level	IP67	IP67	IP67	IP67, IK10	IP67, IK10	IP67, IK10
Alarm I/O	-	-	-	-	-	-
Power	12 VDC ±25%	12 VDC ±25%	9.6 VDC to 14.4 VDC; 19.2 VAC to 28.8 VAC	12 VDC ± 20%, 24 VAC ± 20%	9.6 VDC to 14.4 VDC; 19.2 VAC to 28.8 VAC	9.6 VDC to 14.4 VDC; 19.2 VAC to 28.8 VAC

Turbo HD Cameras

Value Series

Value Series Cameras offer cost-effective, high quality video security solution. Users will enjoy high definition video, plug and play through coaxial cable, high quality components, and great durability.

- Ultra HD
- 4-in-1 output
- PoC easy installation
- EXIR 2.0



Model	DS-2CE16C0T-IRP	DS-2CE16C0T-IR	DS-2CE16C0T-IT1	DS-2CE16C0T-IT3	DS-2CE16C0T-IT5	DS-2CE56C0T-IRMM	DS-2CE56C0T-IRP	DS-2CE56C0T-IR
Image								
Description	1 MP IR Bullet Camera	1 MP IR Bullet Camera	1 MP IR Bullet Camera	HD 720p EXIR Bullet Camera	HD 720p EXIR Bullet Camera	HD 720p Indoor IR Dome Camera	HD 720p Indoor IR Turret Camera	HD 720p IR Turret Camera
Lens	2.8 mm, 3.6 mm, 6 mm optional	2.8 mm, 3.6 mm, 6 mm optional	2.8 mm, 3.6 mm, 6 mm optional	3.6 mm [2.8 mm, 6 mm, 8 mm, 12 mm, 16 mm optional]	3.6 mm [6 mm, 8 mm, 12 mm, 16 mm optional]	2.8 mm, 3.6 mm, 6 mm optional	2.8 mm, 3.6 mm, 6 mm optional	2.8 mm, 3.6 mm, 6 mm optional
Min. Illumination	0.01 Lux@[F1.2, AGC ON],0 Lux with IR	0.01 Lux@[F1.2, AGC ON],0 Lux with IR	0.01 Lux@[F1.2, AGC ON],0 Lux with IR	0.01 Lux@[F1.2, AGC ON],0 Lux with IR	0.01 Lux@[F1.2, AGC ON],0 Lux with IR	0.01 Lux@[F1.2, AGC ON],0 Lux with IR	0.01 Lux@[F1.2, AGC ON],0 Lux with IR	0.01 Lux@[F1.2, AGC ON],0 Lux with IR
FOV	Field of view: 70.9° [3.6 mm], 92° [2.8mm], 56.7° [6mm]	Angle of View: 70.9°[3.6mm], 92°[2.8mm], 56.7°[6mm]	Field of view: 70.9° [3.6 mm], 92° [2.8mm], 56.7° [6mm]	Angle of View: 70.9°[3.6mm], 92°[2.8mm], 56.7°[6mm], 38.6°[8mm], 27.5°[12mm], 17.7°[16mm]	Angle of View: 70.9°[3.6mm], 92°[2.8mm], 56.7°[6mm], 38.6°[8mm], 27.5°[12mm], 17.7°[16mm]	Angle of View: 70.9°[3.6mm], 92°[2.8mm], 56.7°[6mm]	Angle of View: 70.9°[3.6mm], 92°[2.8mm], 56.7°[6mm]	Angle of View: 70.9°[3.6mm], 92°[2.8mm], 56.7°[6mm]
Angle Adjustment	Pan: 0 - 360°, Tilt: 0 - 180°, Rotation: 0 - 360°	Pan: 0 - 360°, Tilt: 0 - 180°, Rotation: 0 - 360°	Pan: 0° to 360°, Tilt: 0° to 180°, Rotation: 0° to 360°	Pan: 0 - 360°, Tilt: 0 - 180°, Rotation: 0 - 360°	Pan: 0 - 360°, Tilt: 0 - 180°, Rotation: 0 - 360°	Pan: 0 - 350°, Tilt: 0 - 70°, Rotation: 0 - 350°	Pan: 0 - 360°, Tilt: 0 - 75°, Rotation: 0 - 360°	Pan: 0 - 360°, Tilt: 0 - 75°, Rotation: 0 - 360°
Day & Night	ICR	ICR	ICR	ICR	ICR	ICR	ICR	ICR
WDR	-	-	-	-	-	-	-	-
Max. IR Range (meters)	Up to 20 m	Up to 20m	Up to 20 m	Up to 40 m	Up to 80 m	Up to 20 m	Up to 20 m	Up to 20 m
HD Video Output	1 Analog HD output	1 Analog HD output	1 Analog HD output	1 Analog HD output	1 Analog HD output	1 Analog HD output	1 Analog HD output	1 Analog HD output
CVBS Output	-	-	-	-	-	-	-	-
D/N Mode	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto
White Balance	ATW	ATW	ATW	ATW	ATW	ATW	ATW	ATW
BLC	-	-	-	-	-	-	-	-
DNR	2D	2D	2D	2D	2D	2D	2D	2D
Functions	-	-	-	-	-	-	-	-
Protection Level	IP66	IP66	IP66	IP66	IP66	-	-	IP66
Alarm I/O	-	-	-	-	-	-	-	-
Power	12 VDC±15%	12 VDC±15%	12 VDC±15%	12 VDC±15%	12 VDC±15%	12 VDC±15%	12 VDC±15%	12 VDC±15%

Model	DS-2CE56C0T-IRM	DS-2CE56C0T-IT1	DS-2CE56C0T-IT3	DS-2CE16C0T-IRPF	DS-2CE16C0T-IRF	DS-2CE16C0T-IT1F	DS-2CE16C0T-IT3F	DS-2CE16C0T-IT5F	DS-2CE56C0T-IRMMF
Image									
Description	HD 720p IR Turret Camera	HD 720p EXIR Turret Camera	HD 720p EXIR Turret Camera	HD 720p IR Bullet Camera	HD 720p IR Bullet Camera	HD 720p EXIR Bullet Camera	HD 720p EXIR Bullet Camera	HD 720p Indoor IR Dome Camera	
Lens	2.8 mm, 3.6 mm, 6 mm optional	3.6mm [2.8mm, 6mm, 8mm optional]	3.6 mm [2.8 mm, 6 mm, 8 mm, 12 mm, 16 mm optional]	2.8 mm, 3.6 mm, 6 mm optional	2.8 mm, 3.6 mm, 6 mm optional	2.8 mm, 3.6 mm, 6 mm optional	3.6 mm [2.8 mm, 6 mm, 8 mm, 12 mm, 16 mm optional]	3.6 mm [6 mm, 8 mm, 12 mm, 16 mm optional]	2.8 mm, 3.6 mm, 6 mm optional
Min. Illumination	0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR	0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR	0.01 Lux@(F1.2, AGC ON), 0 Lux with IR	0.01 Lux@(F1.2, AGC ON), 0 Lux with IR	0.01 Lux@(F1.2, AGC ON), 0 Lux with IR	0.01 Lux@(F1.2, AGC ON), 0 Lux with IR	0.01 Lux@(F1.2, AGC ON), 0 Lux with IR	0.01 Lux@(F1.2, AGC ON), 0 Lux with IR	0.01 Lux@(F1.2, AGC ON), 0 Lux with IR
FOV	Angle of View: 70.9°[3.6mm], 92°[2.8mm], 56.7°[6mm], 56.7°[6mm]	Angle of View: 70.9°[3.6mm], 92°[2.8mm], 56.7°[6mm], 38.6°[8mm]	Angle of View: 70.9°[3.6mm], 92°[2.8mm], 56.7°[6mm], 38.6°[8mm], 27.5°[12mm], 17.7°[16mm]	Field of view: 70.9° [3.6 mm], 92° [2.8mm], 56.7° [6mm], 38.6° [8mm], 27.5° [12mm], 17.7° [16mm]	Field of view: 70.9° [3.6 mm], 92° [2.8mm], 56.7° [6mm], 38.6° [8mm], 27.5° [12mm], 17.7° [16mm]	Field of view: 70.9° [3.6 mm], 92° [2.8mm], 56.7° [6mm], 38.6° [8mm], 27.5° [12mm], 17.7° [16mm]	Field of view: 70.9° [3.6 mm], 92° [2.8mm], 56.7° [6mm], 38.6° [8mm], 27.5° [12mm], 17.7° [16mm]	Field of view: 70.9° [3.6 mm], 92° [2.8mm], 56.7° [6mm], 38.6° [8mm], 27.5° [12mm], 17.7° [16mm]	Field of view: 70.9° [3.6 mm], 92° [2.8mm], 56.7° [6mm]
Angle Adjustment	Pan: 0 - 360°, Tilt: 0 - 75°, Rotation: 0 - 360°	Pan: 0 - 360°, Tilt: 0 - 75°, Rotation: 0 - 360°	Pan: 0 - 360°, Tilt: 0 - 75°, Rotation: 0 - 360°	Pan: 0° to 360°, Tilt: 0° to 180°, Rotation: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 180°, Rotation: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 180°, Rotation: 0° to 360°	Pan: 0 - 360°, Tilt: 0 - 180°, Rotation: 0 - 360°	Pan: 0 - 360°, Tilt: 0 to 180°, Rotation: 0 to 360°	Pan: 0° to 350°, Tilt: 0° to 70°, Rotation: 0° to 350°
Day & Night	ICR	ICR	ICR	ICR	ICR	ICR	ICR	ICR	ICR
WDR	-	-	-	-	-	-	-	-	-
Max. IR Range (meters)	Up to 20 m	Up to 20 m	Up to 40 m	Up to 20 m	Up to 20 m	Up to 20 m	Up to 40 m	Up to 80 m	Up to 20 m
HD Video Output	1 Analog HD output	1 Analog HD output	1 Analog HD output	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS
CVBS Output	-	-	-	-	-	-	-	-	-
D/N Mode	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto
White Balance	ATW	ATW	ATW	ATW	ATW	ATW	ATW	ATW	ATW
BLC	-	-	-	-	-	-	-	-	-
DNR	2D	2D	2D	2D	2D	2D	2D	2D	2D
Functions	-	-	-	-	-	-	-	-	-
Protection Level	IP66	IP66	IP66	IP66	IP66	IP66	IP66	IP66	-
Alarm I/O	-	-	-	-	-	-	-	-	-
Power	12 VDC±15%	12 VDC±15%	12 VDC±15%	12 VDC±15%	12 VDC±15%	12 VDC±15%	12 VDC±15%	12 VDC±15%	12 VDC±15%

Model	DS-2CE56C0T-IRPF	DS-2CE56C0T-IRF	DS-2CE56C0T-IRMF	DS-2CE56C0T-IT1F	DS-2CE56C0T-IT3F	DS-2CE16C2T-IRP	DS-2CE16C2T-IR	DS-2CE16C2T-IT1	DS-2CE16C2T-IT3
Image									
Description	HD 720p Indoor IR Turret Camera	HD 720p IR Turret Camera	HD 720p IR Turret Camera	HD 720p EXIR Turret Camera	HD 720p EXIR Turret Camera	HD 720p IR Bullet Camera	HD 720p EXIR Bullet Camera	HD 720p EXIR Bullet Camera	HD 720p EXIR Bullet Camera
Lens	2.8 mm, 3.6 mm, 6 mm optional	2.8 mm, 3.6 mm, 6 mm	2.8 mm, 3.6 mm, 6 mm optional	3.6 mm [2.8 mm, 6 mm, 8 mm optional]	3.6 mm [2.8 mm, 6 mm, 8 mm, 12 mm, 16 mm optional]	2.8 mm, 3.6 mm, 6 mm optional	2.8 mm, 3.6 mm, 6 mm optional	3.6 mm [2.8 mm, 6 mm, 8 mm optional]	3.6 mm [2.8 mm, 6 mm, 8 mm, 12 mm, 16 mm optional]
Min. Illumination	0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	0.01 Lux@ [F1.2, AGC ON], 0 Lux with IR	0.01 Lux@[F1.2, AGC ON], 0 Lux with IR	0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR
FOV	Angle of View: 70.9°(3.6mm), 92°(2.8mm), 56.7°(6mm)	Angle of View: 70.9°(3.6mm), 92°(2.8mm), 56.7°(6mm)	Field of view: 70.9° (3.6 mm), 92°(2.8 mm), 56.7°(6 mm), 56.7°(6 mm)	Field of view: 70.9°(3.6 mm), 92°(2.8 mm), 56.7°(6 mm), 38.6°(8 mm)	Field of view : 70.9° (3.6 mm), 92°(2.8 mm), 56.7°(6 mm), 38.6° (8 mm), 27.5°(12 mm), 17.7° (16 mm)	Angle of View: 74.6°(3.6mm), 92.6°(2.8mm), 49°(6mm), 49°(6mm)	Angle of View: 74.6°(3.6mm), 92.6°(2.8mm), 49°(6mm)	Angle of View: 74.6°(3.6mm), 92.6°(2.8mm), 49°(6mm), 34.5°(8mm), 22.1°(12mm), 17.2°(16mm)	Angle of View: 74.6°(3.6mm), 92.6°(2.8mm), 49°(6mm), 34.5°(8mm), 22.1°(12mm), 17.2°(16mm)
Angle Adjustment	Pan: 0 - 360°, Tilt: 0 - 75°, Rotation: 0 - 360°	Pan: 0 - 360°, Tilt: 0 - 75°, Rotation: 0 - 360°	Pan: 0° to 360°, Tilt: 0° to 75°, Rotation: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 75°, Rotation: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 75°, Rotation: 0° to 360°	Pan: 0 - 360°, Tilt: 0 - 180°, Rotation: 0 - 360°	Pan: 0 - 360°, Tilt: 0 - 180°, Rotation: 0 - 360°	Pan: 0 - 360°, Tilt: 0 - 180°, Rotation: 0 - 360°	Pan: 0 - 360°, Tilt: 0 - 180°, Rotation: 0 - 360°
Day & Night	ICR	ICR	ICR	ICR	ICR	ICR	ICR	ICR	ICR
WDR	-	-	-	-	-	-	-	-	-
Max. IR Range (meters)	Up to 20 m	Up to 20 m	Up to 20 m	Up to 20 m	Up to 40 m	Up to 20 m	Up to 20 m	Up to 20 m	Up to 40 m
HD Video Output	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	1 Analog HD output	1 Analog HD output	1 Analog HD output	1 Analog HD output
CVBS Output	-	-	-	-	-	-	-	-	-
D/N Mode	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto
White Balance	ATW	ATW	ATW	ATW	ATW	ATW	ATW	ATW	ATW
BLC	-	-	-	-	-	-	-	-	-
DNR	2D	2D	2D	2D	2D	2D	2D	2D	2D
Functions	-	-	-	-	-	-	-	-	-
Protection Level	-	IP66	IP66	IP66	IP66	IP66	IP66	IP66	IP66
Alarm I/O	-	-	-	-	-	-	-	-	-
Power	12 VDC±15%	12 VDC±15%	12 VDC±15%	12 VDC±15%	12 VDC±15%	12 VDC±15%	12 VDC±15%	12 VDC±15%	12 VDC±15%

Model	DS-2CE16C2T-IT5	DS-2CE56C2T-IRP	DS-2CE56C2T-IR	DS-2CE56C2T-IRM	DS-2CE56C2T-IT1	DS-2CE56C2T-IT3	DS-2CE16C2T-VFIR3	DS-2CE56C2T-VFIR3
Image								
Description	HD 720p EXIR Bullet Camera	HD 720p Indoor IR Turret Camera	HD 720p IR Turret Camera	HD 720p IR Turret Camera	HD 720p EXIR Turret Camera	HD 720p EXIR Turret Camera	HD 720p Vari-focal IR Bullet Camera	HD 720p Vari-focal IR Turret Camera
Lens	3.6 mm [6 mm, 8 mm, 12 mm, 16 mm optional]	2.8 mm, 3.6 mm, 6 mm optional	2.8 mm, 3.6 mm, 6 mm optional	2.8 mm, 3.6 mm, 6 mm optional	3.6 mm [2.8 mm, 6 mm, 8 mm optional]	3.6 mm [2.8 mm, 6 mm, 8 mm, 12 mm, 16 mm optional]	2.8 - 12 mm optical	2.8 - 12 mm optical
Min. Illumination	0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR
FOV	Angle of View: 74.6°[3.6mm], 49°[6mm], 34.5°[8mm], 22.1°[12mm], 17.2°[16mm]	Angle of View: 74.6°[3.6mm], 92.6°[2.8mm], 49°[6mm]	Angle of View: 74.6°[3.6mm], 92.6°[2.8mm], 49°[6mm]	Angle of View: 74.6°[3.6mm], 92.6°[2.8mm], 49°[6mm]	Angle of View: 74.6°[3.6mm], 92.6°[2.8mm], 49°[6mm], 34.5°[8mm]	Angle of View: 74.6°[3.6mm], 92.6°[2.8mm], 49°[6mm], 34.5°[8mm], 22.1°[12mm], 17.2°[16mm]	Angle of view: 29.3°-92°	Angle of view: 29.3°-92°
Angle Adjustment	Pan: 0 - 360°, Tilt: 0 - 180°, Rotation: 0 - 360°	Pan: 0 - 360°, Tilt: 0 - 75°, Rotation: 0 - 360°	Pan: 0 - 360°, Tilt: 0 - 75°, Rotation: 0 - 360°	Pan: 0 - 360°, Tilt: 0 - 75°, Rotation: 0 - 360°	Pan: 0 - 360°, Tilt: 0 - 75°, Rotation: 0 - 360°	Pan: 0 - 360°, Tilt: 0 - 75°, Rotation: 0 - 360°	Pan: 0 - 360°, Tilt: 0 - 90°, Rotation: 0 - 360°	Pan: 0 - 360°, Tilt: 0 - 75°, Rotation: 0 - 360°
Day & Night	ICR	ICR	ICR	ICR	ICR	ICR	ICR	ICR
WDR	-	-	-	-	-	-	-	-
Max. IR Range (meters)	Up to 80 m	Up to 20 m	Up to 20 m	Up to 20 m	Up to 20 m	Up to 40 m	Up to 40 m	Up to 40 m
HD Video Output	1 Analog HD output	1 Analog HD output	1 Analog HD output	1 Analog HD output	1 Analog HD output	1 Analog HD output	1 Analog HD output	1 Analog HD output
CVBS Output	-	-	-	-	-	-	-	-
D/N Mode	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto
White Balance	ATW	ATW	ATW	ATW	ATW	ATW	ATW	ATW
BLC	-	-	-	-	-	-	-	-
DNR	2D	2D	2D	2D	2D	2D	2D	2D
Functions	-	-	-	-	-	-	-	-
Protection Level	IP66	-	IP66	IP66	IP66	IP66	IP66	IP66
Alarm I/O	-	-	-	-	-	-	-	-
Power	12 VDC±15%	12 VDC±15%	12 VDC±15%	12 VDC±15%	12 VDC±15%	12 VDC±15%	12 VDC±15%	12 VDC±15%

HD 1080P

Model	DS-2CE16DOT-IRPE	DS-2CE16DOT-IRE	DS-2CE16DOT-IT1E	DS-2CE16DOT-IT3E	DS-2CE16DOT-IT5E	DS-2CE56DOT-IT1E	DS-2CE56DOT-IT3E
Image							
(PoC)	(PoC)	(PoC)	(PoC)	(PoC)	(PoC)	(PoC)	(PoC)
Description	HD 1080p PoC IR Bullet Camera	HD 1080p PoC IR Bullet Camera	HD 1080p PoC EXIR Bullet Camera	HD 1080p PoC EXIR Bullet Camera	HD 1080p PoC EXIR Bullet Camera	HD 1080p PoC EXIR Turret Camera	HD 1080p PoC EXIR Turret Camera
Lens	2.8 mm, 3.6 mm, 6 mm fixed focal lens	2.8 mm, 3.6 mm, 6 mm fixed focal lens	2.8 mm, 3.6 mm, 6 mm fixed focal lens	2.8 mm, 3.6 mm, 6 mm, 8 mm, 12 mm, 16 mm fixed focal lens	3.6 mm, 6 mm, 8 mm, 12 mm, 16 mm fixed focal lens	2.8 mm, 3.6 mm, 6 mm optional	2.8 mm, 3.6 mm, 6 mm, 8 mm, 12 mm, 16 mm fixed focal lens
Min. Illumination	0.01 Lux@[F1.2, AGC ON], 0 Lux with IR	0.01 Lux@[F1.2, AGC ON], 0 Lux with IR	0.01 Lux@[F1.2, AGC ON], 0 Lux with IR	0.01 Lux @ [F1.2,AGC ON], 0 Lux with IR	0.01 Lux@[F1.2, AGC ON], 0 Lux with IR	0.01 Lux@[F1.2,AGC ON], 0 Lux with IR	0.01 Lux@[F1.2, AGC ON], 0 Lux with IR
FOV	103.55° [2.8 mm], 82.63° [3.6 mm], 54.38° [6 mm]	103.55° [2.8 mm], 82.63° [3.6 mm], 54.38° [6 mm]	103.55° [2.8 mm], 82.63° [3.6 mm], 54.38° [6 mm]	103.55° [2.8 mm], 82.63° [3.6 mm], 54.38° [6 mm], 37.96° [8 mm], 24.36° [12 mm], 18.92° [16 mm]	82.63° [3.6 mm], 54.38° [6 mm], 37.96° [8 mm], 24.36° [12 mm], 18.92° [16 mm]	Field of view: 103° [2.8 mm], 82.2° [3.6 mm], 54° [6 mm]	103.55° [2.8 mm], 82.63° [3.6 mm], 54.38° [6 mm], 37.96° [8 mm], 24.36° [12 mm], 18.92° [16 mm]
Angle Adjustment	Pan: 0° to 360°, Tilt:0° to 180°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt:0° to 180°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt:0° to 180°, Rotate: 0° to 360°	[16 mm]Pan: 0° to 360°, Tilt:0° to 180°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt:0° to 180°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 75°, Rotation: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 75°, Rotation: 0° to 360°
Day & Night	ICR	ICR	ICR	ICR	ICR	ICR	IR cut filter
WDR	DWDR	DWDR	DWDR	DWDR	DWDR	DWDR	DWDR
Max. IR Range (meters)	Up to 20 m	Up to 20 m	Up to 20 m	Up to 40 m	Up to 80 m	Up to 20 m	Up to 40 m
HD Video Output	1 HD analog output	1 HD analog output	1 HD analog output	1 HD analog output	1 HD analog output	1 analog HD output	1 analog HD output
CVBS Output	-	-	-	-	-	-	-
D/N Mode	Auto	Auto	Auto	Auto	Auto	Auto	Auto
White Balance	ATW	ATW	ATW	ATW	ATW	ATW	ATW
BLC	-	-	-	-	-	-	-
DNR	2D	2D	2D	2D	2D	2D	2D
Functions	-	-	-	-	-	-	-
Protection Level	IP66	IP66	IP66	IP66	IP66	IP66	IP66
Alarm I/O	-	-	-	-	-	-	-
Power	12 VDC ±25%, PoC.af	12 VDC ±15%/PoC.at	12 VDC ±25%, PoC.af	12 VDC ±25%, PoC.af			

Model	DS-2CE16DOT-VFIR3E	DS-2CE56DOT-VFIR3E	DS-2CE56DOT-VFIRE	DS-2CE56DOT-VPIR3E	DS-2CE16DOT-I2PFB	DS-2CE16DOT-I2FB	DS-2CE56DOT-I2PFB
Image							
Description	2 MP Vari-focal PoC Bullet Camera	2 MP Vari-focal PoC Turret Camera	2 MP Vari-focal PoC Dome Camera	2 MP Vandal Proof PoC Dome Camera	2 MP Balun Camera	2 MP Balun Camera	2 MP Balun Camera
Lens	2.8 mm to 12 mm	2.8 mm, 3.6 mm, 6 mm fixed lens	2.8 mm, 3.6 mm, 6 mm fixed lens	2.8 mm, 3.6 mm, 6 mm fixed lens			
Min. Illumination	0.01 Lux@[F1.2, AGC ON], 0 Lux with IR	0.01 Lux@[F1.2,AGC ON],0 Lux with IR	0.01 Lux@[F1.2,AGC ON],0 Lux with IR	0.01 Lux@[F1.2,AGC ON],0 Lux with IR	0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR
FOV	105.2° to 32.8°	Horizontal Field of View 105.2° to 32.8 °	Horizontal Field of View 105.2 ° to 32.8 °	Horizontal Field of View 105.2 ° to 32.8 °	106.4° [2.8 mm], 79.6° [3.6 mm], 51.9° [6 mm]	106.4° [2.8 mm], 79.6° [3.6 mm], 51.9° [6 mm]	106.4° [2.8 mm], 79.6° [3.6 mm], 51.9° [6 mm]
Angle Adjustment	Pan: 0° to 360°, Tilt: 0° to 90°, Rotation: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 75°, Rotation: 0° to 360°	Pan: 0° to 340°, Tilt: 0° to 75°, Rotation: 0° to 355°	Pan: 0° to 355°, Tilt: 0° to 75°, Rotation: 0° to 355°	Pan: 0° to 360°, Tilt: 0° to 180°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 180°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 75°, Rotate: 0° to 360°
Day & Night	ICR	IR cut filter	IR cut filter	IR cut filter	ICR	ICR	ICR
WDR	DWDR	DWDR	DWDR	DWDR	DWDR	DWDR	DWDR
Max. IR Range (meters)	Up to 40 m	Up to 40 m	Up to 30 m	Up to 40 m	Up to 20 m	Up to 20 m	Up to 20 m
HD Video Output	1 analog HD output	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS			
CVBS Output	-	-	-	-	-	-	-
D/N Mode	Auto	Auto	Auto	Auto	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)
White Balance	ATW	ATW	ATW	ATW	Auto/Manual	Auto/Manual	Auto/Manual
BLC	-	-	-	-	DWDR/BLC/HLC/Global	DWDR/BLC/HLC/Global	DWDR/BLC/HLC/Global
DNR	2D	2D	2D	2D	2D	2D	2D
Functions	-	-	-	-	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR
Protection Level	IP66	IP66	-	IP66	IP66	IP66	-
Alarm I/O	-	-	-	-	-	-	-
Power	12 VDC ±15%/PoC.at	12 VDC ±15%/PoC.at	12 VDC ±15%/PoC.af	12 VDC ±15%/PoC.af	12 VDC ± 25%	12 VDC ± 25%	12 VDC ± 25%

Model	DS-2CE56D0T-I2FB	DS-2CE70D0T-ITMF	DS-2CE16D0T-VFIR3F	DS-2CE56D0T-VFIR3F	DS-2CE56D0T-VFIRF	DS-2CE56D0T-VPIR3F	DS-2CE5AD0T-VPIT3F
Image							
Description	2 MP Balun Camera	2 MP Camera	HD 1080p IR Bullet Camera	HD 1080p IR Turret Camera	HD 1080p IR Dome Camera	HD 1080p Vandal Proof IR Dome Camera	2 MP Vandal Proof VF Dome Camera
Lens	2.8 mm, 3.6 mm, 6 mm fixed len	2.8 mm, 3.6 mm, 6 mm fixed len	2.8 - 12 mm @ F1.4	2.8 - 12 mm @ F1.4	2.8 - 12 mm @ F1.4	2.8 - 12 mm @ F1.4	2.8 mm to 12 mm vari-focal lens
Min. Illumination	0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR	0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR	0.01 Lux@(F1.2,AGC ON), 0 Lux with IR	0.01 Lux@(F1.2,AGC ON), 0 Lux with IR	0.01 Lux@(F1.2,AGC ON), 0 Lux with IR	0.01 Lux@(F1.2,AGC ON), 0 Lux with IR	Color: 0.01 Lux@(F1.2, AGC ON), 0 Lux with IR
FOV	106.4° (2.8 mm), 79.6° (3.6 mm), 51.9° (6 mm)	106° (2.8 mm), 80° (3.6 mm), 51° (6 mm)	Angle of view: 102.25° - 32 °	Angle of view: 102.25° - 32 °	Angle of view: 102.25° - 32 °	Angle of view: 102.25° - 32 °	Angle of view: 102.25° - 32 °
Angle Adjustment	Pan: 0° to 360°, Tilt: 0° to 75°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 80°, Rotation: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 90°, Rotation: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 75°, Rotation: 0° to 360°	Pan: 0° to 340°, Tilt: 0° to 75°, Rotation: 0° to 355°	Pan: 0° to 355°, Tilt: 0° to 75°, Rotation: 0° to 355°	Pan: 0° to 355°, Tilt: 0° to 70°, Rotation: 0° to 355°
Day & Night	ICR	ICR	ICR	ICR	ICR	ICR	IR cut filter
WDR	DWDR	DWDR	DWDR	DWDR	DWDR	DWDR	DWDR
Max. IR Range (meters)	Up to 20 m	Up to 20 m	Up to 40 m	Up to 40 m	Up to 30 m	Up to 40 m	Up to 40 m
HD Video Output	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS
CVBS Output	-	-	-	-	-	-	-
D/N Mode	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto	Auto	Auto	Auto	Auto
White Balance	Auto/Manual	Auto	ATW	ATW	ATW	ATW	ATW
BLC	DWDR/BLC/HLC/Global	DWDR/BLC/HLC/Global	-	-	-	-	-
DNR	2D	2D	2D	2D	2D	2D	2D
Functions	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR	-	-	-	-	-
Protection Level	IP66	IP67	IP66	IP66	IP66	IP66,IK10	IP67,IK10
Alarm I/O	-	-	-	-	-	-	-
Power	12 VDC ± 25%	12 VDC ± 25%	12 VDC±15%	12 VDC±15%	12 VDC±15%	12 VDC±15%	12 VDC ±25%

Model	DS-2CE16D3T-I3PF	DS-2CE16D3T-I3F	DS-2CE16D3T-ITPF	DS-2CE16D3T-ITF	DS-2CE16D3T-IT3F	DS-2CE57D3T-VPITF	DS-2CE76D3T-ITMF
Image							
Description	2 MP Ultra-Low-Light Bullet Camera	2 MP Ultra-Low-Light Bullet Camera	2 MP Ultra-Low-Light Bullet Camera	2 MP Ultra-Low-Light Bullet Camera	2 MP Ultra-Low-Light Bullet Camera	2 MP Ultra-Low-Light Dome Camera	2 MP Ultra-Low-Light Turret Camera
Lens	2.8 mm, 3.6 mm, 6 mm fixed focal lens	2.8 mm, 3.6 mm, 6 mm fixed focal lens	2.8 mm, 3.6 mm, 6 mm fixed focal lens	2.8 mm, 3.6 mm, 6 mm fixed focal lens	2.8 mm, 3.6 mm, 6 mm, 8 mm, 12 mm fixed focal lens	2.8 mm, 3.6 mm, 6 mm fixed focal lens	2.8 mm, 3.6 mm, 6 mm fixed focal lens
Min. Illumination	Color: 0.005Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.005Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.005Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.005Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.005Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.005Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.005Lux @ [F1.2, AGC ON], 0 Lux with IR
FOV	106° [2.8 mm], 82° [3.6 mm], 51° [6 mm]	106° [2.8 mm], 82° [3.6 mm], 51° [6 mm]	106° [2.8 mm], 82° [3.6 mm], 51° [6 mm]	106° [2.8 mm], 82° [3.6 mm], 51° [6 mm]	106° [2.8 mm], 82° [3.6 mm], 51° [6 mm], 39° [8 mm], 24° [12 mm]	106° [2.8 mm], 82° [3.6 mm], 51° [6 mm]	106° [2.8 mm], 82° [3.6 mm], 51° [6 mm]
Angle Adjustment	Pan: 0° to 360°; Tilt: 0° to 180°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt: 0° to 180°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt: 0° to 180°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt: 0° to 180°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt: 0° to 180°; Rotate: 0° to 360°	Pan: 0° to 355°; Tilt: 0° to 75°; Rotate: 0° to 355°	Pan: 0° to 360°; Tilt: 0° to 75°; Rotate: 0° to 360°
Day & Night	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter
WDR	> 120 dB	> 120 dB	> 120 dB	> 120 dB	> 120 dB	> 120 dB	> 120 dB
Max. IR Range [meters]	Up to 20 m	Up to 30 m	Up to 30 m	Up to 30 m	Up to 50 m	Up to 30 m	Up to 30 m
HD Video Output	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS
CVBS Output	-	-	-	-	-	-	-
D/N Mode	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)
White Balance	ATW/MWB	ATW/MWB	ATW/MWB	ATW/MWB	ATW/MWB	ATW/MWB	ATW/MWB
BLC	WDR/BLC/GLOBAL	WDR/BLC/GLOBAL	WDR/BLC/GLOBAL	WDR/BLC/GLOBAL	WDR/BLC/GLOBAL	WDR/BLC/GLOBAL	WDR/BLC/GLOBAL
DNR	3D (Level 1 to 9)	3D (Level 1 to 9)	3D (Level 1 to 9)	3D (Level 1 to 9)	3D (Level 1 to 9)	3D (Level 1 to 9)	3D (Level 1 to 9)
Functions	Brightness, Sharpness, 3D DNR, Mirror, Smart IR	Brightness, Sharpness, 3D DNR, Mirror, Smart IR	Brightness, Sharpness, 3D DNR, Mirror, Smart IR	Brightness, Sharpness, 3D DNR, Mirror, Smart IR	Brightness, Sharpness, 3D DNR, Mirror, Smart IR	Brightness, Sharpness, 3D DNR, Mirror, Smart IR	Brightness, Sharpness, 3D DNR, Mirror, Smart IR
Protection Level	IP67	IP67	IP67	IP67	IP67	IP67, IK10	IP67
Alarm I/O	-	-	-	-	-	-	-
Power	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%

Model	DS-2CE78D3T-IT3F	DS-2CE19D3T-IT3ZF	DS-2CE19D3T-AIT3ZF	DS-2CE79D3T-IT3ZF	DS-2CE5AD3T-VPIT3ZF	DS-2CE5AD3T-VPIT3ZF	DS-2CE16DOT-IRP(C)
Image							
Ultra-Light	Ultra-Light	Ultra-Light	Ultra-Light	Ultra-Light	Ultra-Light	Ultra-Light	Ultra-Light
Description	2 MP Ultra-Low-Light Turret Camera	2 MP Ultra-Low-Light Bullet Camera	2 MP Ultra-Low-Light Bullet Camera	2 MP Ultra-Low-Light Dome Camera	2 MP Ultra-Low-Light Dome Camera	2 MP Ultra-Low-Light Dome Camera	2 MP CMOS
Lens	2.8 mm, 3.6 mm, 6 mm, 8 mm, 12 mm fixed focal lens	2.7 mm to 13.5 mm motorized auto focus lens	2.7 mm to 13.5 mm motorized auto focus lens	2.7 mm to 13.5 mm motorized auto focus lens	2.7 mm to 13.5 mm motorized auto focus lens	2.7 mm to 13.5 mm motorized auto focus lens	2.8 mm, 3.6 mm, 6 mm fixed lens
Min. Illumination	Color: 0.005Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.005Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.005Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.005Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.005Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.005Lux @ [F1.2, AGC ON], 0 Lux with IR	0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR
FOV	106° (2.8 mm), 82° (3.6 mm), 51° (6 mm), 39° (8 mm), 24° (12 mm)	102° - 31 °	102° - 31 °	102° - 31 °	102° - 31 °	102° - 31 °	2.8 mm, horizontal FOV: 106.4°; vertical FOV: 57.9°, diagonal FOV: 124.6° 3.6 mm, horizontal FOV: 79.6°, vertical FOV: 43.5°, diagonal FOV: 93.7° 6 mm, horizontal FOV: 51.9°, vertical FOV: 30°, diagonal FOV: 58.8°
Angle Adjustment	Pan: 0° to 360°; Tilt:0° to 75°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt:0° to 90°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt:0° to 90°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt:0° to 75°; Rotate: 0° to 360°	Pan: 0° to 355°; Tilt:0° to 75°; Rotate: 0° to 355°	Pan: 0° to 355°; Tilt:0° to 75°; Rotate: 0° to 355°	Pan: 0° to 360°; Tilt:0° to 90°; Rotate: 0° to 360°
Day & Night	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter
WDR	> 120 dB	> 120 dB	> 120 dB	> 120 dB	> 120 dB	> 120 dB	DWDR
Max. IR Range (meters)	Up to 50 m	Up to 70 m	Up to 70 m	Up to 70 m	Up to 70 m	Up to 70 m	Up to 20 m
HD Video Output	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	1 HD analog output
CVBS Output	-	-	-	-	-	-	-
D/N Mode	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)
White Balance	ATW/MWB	ATW/MWB	ATW/MWB	ATW/MWB	ATW/MWB	ATW/MWB	Auto/Manual
BLC	WDR/BLC/GLOBAL	WDR/BLC/GLOBAL	WDR/BLC/GLOBAL	WDR/BLC/GLOBAL	WDR/BLC/GLOBAL	WDR/BLC/GLOBAL	-
DNR	3D [Level 1 to 9]	3D [Level 1 to 9]	3D [Level 1 to 9]	3D [Level 1 to 9]	3D [Level 1 to 9]	3D [Level 1 to 9]	2D DNR
Functions	Brightness, Sharpness, 3D DNR, Mirror, Smart IR	Brightness, Sharpness, 3D DNR, Mirror, Smart IR	Brightness, Sharpness, 3D DNR, Mirror, Smart IR	Brightness, Sharpness, 3D DNR, Mirror, Smart IR	Brightness, Sharpness, 3D DNR, Mirror, Smart IR	Brightness, Sharpness, 3D DNR, Mirror, Smart IR	Brightness, Sharpness, Smart IR
Protection Level	IP67	IP67	IP67	IP67	IP67,IK10	IP67,IK10	IP67
Alarm I/O	-	-	-	-	-	-	-
Power	12 VDC ±25%	12 VDC ±25%	24 VAC ±15%, 12 VDC ±20%	12 VDC ±25%	12 VDC ±25%	24 VAC ±15%, 12 VDC ±20%	12 VDC ±25%

Model	DS-2CE16DOT-IR(C)	DS-2CE17DOT-IT1	DS-2CE17DOT-IT3	DS-2CE17DOT-IT5	DS-2CE56DOT-IRMM(C)	DS-2CE56DOT-IRP(C)	DS-2CE56DOT-IR(C)
Image							
Description	2 MP CMOS	2 MP CMOS	2 MP CMOS	2 MP CMOS	2 MP CMOS	2 MP CMOS	2 MP CMOS
Lens	2.8 mm, 3.6 mm, 6 mm fixed lens	2.8 mm, 3.6 mm, 6 mm fixed lens	2.8 mm, 3.6 mm, 6 mm, 8 mm, 12 mm fixed lens	3.6 mm, 6 mm, 8 mm, 12 mm fixed lens	2.8 mm, 3.6 mm, 6 mm fixed lens	2.8 mm, 3.6 mm, 6 mm fixed lens	2.8 mm, 3.6 mm, 6 mm fixed lens
Min. Illumination	0.01 Lux@[F1.2, AGC ON], 0 Lux with IR	0.01 Lux@[F1.2, AGC ON], 0 Lux with IR	0.01 Lux@[F1.2, AGC ON], 0 Lux with IR	0.01 Lux@[F1.2, AGC ON], 0 Lux with IR	0.01 Lux@[F1.2, AGC ON], 0 Lux with IR	0.01 Lux@[F1.2, AGC ON], 0 Lux with IR	0.01 Lux@[F1.2, AGC ON], 0 Lux with IR
FOV	2.8 mm, horizontal FOV: 106.4°, vertical FOV: 57.9°, diagonal FOV: 124.6° 3.6 mm, horizontal FOV: 79.6°, vertical FOV: 43.5°, diagonal FOV: 93.7° 6 mm, horizontal FOV: 51.9°, vertical FOV: 30°, diagonal FOV: 58.8°	2.8 mm, horizontal FOV: 106.4°, vertical FOV: 57.9°, diagonal FOV: 124.6° 3.6 mm, horizontal FOV: 79.6°, vertical FOV: 43.5°, diagonal FOV: 93.7° 6 mm, horizontal FOV: 51.9°, vertical FOV: 30°, diagonal FOV: 58.8°	2.8 mm, horizontal FOV: 106.4°, vertical FOV: 57.9°, diagonal FOV: 124.6° 3.6 mm, horizontal FOV: 79.6°, vertical FOV: 43.5°, diagonal FOV: 93.7° 6 mm, horizontal FOV: 51.9°, vertical FOV: 30°, diagonal FOV: 58.8° 8 mm, horizontal FOV: 39.9°, vertical FOV: 21.9°, diagonal FOV: 46.5° 12 mm, horizontal FOV: 24.6°, vertical FOV: 13.9°, diagonal FOV: 28.1°	3.6 mm, horizontal FOV: 79.6°, vertical FOV: 43.5°, diagonal FOV: 93.7° 6 mm, horizontal FOV: 51.9°, vertical FOV: 30°, diagonal FOV: 58.8° 8 mm, horizontal FOV: 39.9°, vertical FOV: 21.9°, diagonal FOV: 46.5° 12 mm, horizontal FOV: 24.6°, vertical FOV: 13.9°, diagonal FOV: 28.1°	2.8 mm, horizontal FOV: 106.4°, vertical FOV: 57.9°, diagonal FOV: 124.6° 3.6 mm, horizontal FOV: 79.6°, vertical FOV: 43.5°, diagonal FOV: 93.7° 6 mm, horizontal FOV: 51.9°, vertical FOV: 30°, diagonal FOV: 58.8°	2.8 mm, horizontal FOV: 106.4°, vertical FOV: 57.9°, diagonal FOV: 124.6° 3.6 mm, horizontal FOV: 79.6°, vertical FOV: 43.5°, diagonal FOV: 93.7° 6 mm, horizontal FOV: 51.9°, vertical FOV: 30°, diagonal FOV: 58.8°	2.8 mm, horizontal FOV: 106.4°, vertical FOV: 57.9°, diagonal FOV: 124.6° 3.6 mm, horizontal FOV: 79.6°, vertical FOV: 43.5°, diagonal FOV: 93.7° 6 mm, horizontal FOV: 51.9°, vertical FOV: 30°, diagonal FOV: 58.8°
Angle Adjustment	Pan: 0° to 360°; Tilt: 0° to 90°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt: 0° to 90°; Rotate: 0° to 360°	Pan: 0 to 360°; Tilt: 0 to 180°; Rotation: 0 to 360°	Pan: 0 to 360°; Tilt: 0 to 90°; Rotate: 0° to 360°	Pan: 0 to 360°; Tilt: 0 to 180°; Rotation: 0 to 360°	Pan: 0° to 360°; Tilt: 0° to 75°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt: 0° to 75°; Rotate: 0° to 360°
Day & Night	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter
WDR	DWDR	DWDR	DWDR	DWDR	DWDR	DWDR	DWDR
Max. IR Range (meters)	Up to 25 m	Up to 30 m	Up to 40 m	Up to 80 m	Up to 20 m	Up to 20 m	Up to 25 m
HD Video Output	1 HD analog output	1 HD analog output	1 HD analog output	1 HD analog output	1 HD analog output	1 HD analog output	1 HD analog output
CVBS Output	-	-	-	-	-	-	-
D/N Mode	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)
White Balance	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual
BLC	-	DWDR/BLC/HLC/Global	DWDR/BLC/HLC/Global	DWDR/BLC/HLC/Global	-	-	-
DNR	2D DNR	2D DNR	2D DNR	2D DNR	2D DNR	2D DNR	2D DNR
Functions	Brightness, Sharpness, Smart IR	Brightness, Sharpness, Smart IR	Brightness, Sharpness, Smart IR	Brightness, Sharpness, Smart IR	Brightness, Sharpness, Smart IR	Brightness, Sharpness, Smart IR	Brightness, Sharpness, Smart IR
Protection Level	IP67	IP67	IP67	IP67	-	-	IP67
Alarm I/O	-	-	-	-	-	-	-
Power	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%

Model	DS-2CE56DOT-IRM(C)	DS-2CE56DOT-IT1(C)	DS-2CE56DOT-IT3(C)	DS-2CE16DOT-ITPF(C)	DS-2CE16DOT-ITF(C)	DS-2CE17DOT-IT1	DS-2CE17DOT-IT3
Image						 NEW	 NEW
Description	2 MP CMOS	2 MP CMOS	2 MP CMOS	2 MP CMOS	2 MP CMOS		
Lens	2.8 mm, 3.6 mm, 6 mm fixed lens	2.8 mm, 3.6 mm, 6 mm fixed lens	2.8 mm, 3.6 mm, 6 mm, 8 mm, 12 mm fixed lens	2.8 mm, 3.6 mm, 6 mm fixed lens	2.8 mm, 3.6 mm, 6 mm fixed lens	2.8 mm, 3.6 mm, 6 mm fixed lens	2.8 mm, 3.6 mm, 6 mm, 8 mm, 12 mm fixed lens
Min. Illumination	0.01 Lux@(F1.2, AGC ON), 0 Lux with IR	0.01 Lux@(F1.2, AGC ON), 0 Lux with IR	0.01 Lux@(F1.2, AGC ON), 0 Lux with IR	0.01 Lux@(F1.2, AGC ON), 0 Lux with IR	0.01 Lux@(F1.2, AGC ON), 0 Lux with IR	0.01 Lux@(F1.2, AGC ON), 0 Lux with IR	0.01 Lux@(F1.2, AGC ON), 0 Lux with IR
FOV	2.8 mm, horizontal FOV: 106.4°, vertical FOV: 57.9°, diagonal FOV: 124.6° 3.6 mm, horizontal FOV: 79.6°, vertical FOV: 43.5°, diagonal FOV: 93.7° 6 mm, horizontal FOV: 51.9°, vertical FOV: 30°, diagonal FOV: 58.8°	2.8 mm, horizontal FOV: 106.4°, vertical FOV: 57.9°, diagonal FOV: 124.6° 3.6 mm, horizontal FOV: 79.6°, vertical FOV: 43.5°, diagonal FOV: 93.7° 6 mm, horizontal FOV: 51.9°, vertical FOV: 30°, diagonal FOV: 58.8° 8 mm, horizontal FOV: 39.9°, vertical FOV: 21.9°, diagonal FOV: 46.5° 12 mm, horizontal FOV: 24.6°, vertical FOV: 13.9°, diagonal FOV: 28.1°	2.8 mm, horizontal FOV: 106.4°, vertical FOV: 57.9°, diagonal FOV: 124.6° 3.6 mm, horizontal FOV: 79.6°, vertical FOV: 43.5°, diagonal FOV: 93.7° 6 mm, horizontal FOV: 51.9°, vertical FOV: 30°, diagonal FOV: 58.8°	2.8 mm, horizontal FOV: 106.4°, vertical FOV: 57.9°, diagonal FOV: 124.6° 3.6 mm, horizontal FOV: 79.6°, vertical FOV: 43.5°, diagonal FOV: 93.7° 6 mm, horizontal FOV: 51.9°, vertical FOV: 30°, diagonal FOV: 58.8°	2.8 mm, horizontal FOV: 106.4°, vertical FOV: 57.9°, diagonal FOV: 124.6° 3.6 mm, horizontal FOV: 79.6°, vertical FOV: 43.5°, diagonal FOV: 93.7° 6 mm, horizontal FOV: 51.9°, vertical FOV: 30°, diagonal FOV: 58.8°	2.8 mm, horizontal FOV: 106.4°, vertical FOV: 57.9°, diagonal FOV: 124.6° 3.6 mm, horizontal FOV: 79.6°, vertical FOV: 43.5°, diagonal FOV: 93.7° 6 mm, horizontal FOV: 51.9°, vertical FOV: 30°, diagonal FOV: 58.8° 8 mm, horizontal FOV: 39.9°, vertical FOV: 21.9°, diagonal FOV: 46.5° 12 mm, horizontal FOV: 24.6°, vertical FOV: 13.9°, diagonal FOV: 28.1°	
Angle Adjustment	Pan: 0° to 360°; Tilt: 0° to 75°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt: 0° to 75°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt: 0° to 75°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt: 0° to 90°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt: 0° to 90°; Rotate: 0° to 360°	Pan: 0 to 360°, Tilt: 0 to 180°, Rotation: 0 to 360°	Pan: 0 to 360°, Tilt: 0 to 180°, Rotation: 0 to 360°
Day & Night	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter
WDR	DWDR	DWDR	DWDR	DWDR	DWDR	DWDR	DWDR
Max. IR Range (meters)	Up to 25 m	Up to 30 m	Up to 40 m	Up to 25 m	Up to 25 m	Up to 30 m	Up to 40 m
HD Video Output	1 HD analog output	1 HD analog output	1 HD analog output	1 HD analog output	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS
CVBS Output	-	-	-	-	-	-	-
D/N Mode	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)
White Balance	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual
BLC	-	-	-	-	-	DWDR/BLC/HLC/Global	DWDR/BLC/HLC/Global
DNR	2D DNR	2D DNR	2D DNR	2D DNR	2D DNR	2D DNR	2D DNR
Functions	Brightness, Sharpness, Smart IR	Brightness, Sharpness, Smart IR	Brightness, Sharpness, Smart IR	Brightness, Sharpness, Smart IR	Brightness, Sharpness, Smart IR	Brightness, Sharpness, Smart IR	Brightness, Sharpness, Smart IR
Protection Level	IP67	IP67	IP67	IP67	IP67	IP67	IP67
Alarm I/O	-	-	-	-	-	-	-
Power	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%

Model	DS-2CE17DOT-ITS	DS-2CE56DOT-IRPF(C)	DS-2CE56DOT-IRF(C)	DS-2CE56DOT-IRMF(C)	DS-2CE76DOT-ITPF(C)	DS-2CE76DOT-ITMF(C)	DS-2CE56DOT-IRMMF(C)
Image	 NEW						
Description	2 MP CMOS	2 MP CMOS	2 MP CMOS	2 MP CMOS	2 MP CMOS	2 MP CMOS	2 MP CMOS
Lens	3.6 mm, 6 mm, 8 mm, 12 mm fixed lens	2.8 mm, 3.6 mm, 6 mm fixed lens	2.8 mm, 3.6 mm, 6 mm fixed lens	2.8 mm, 3.6 mm, 6 mm fixed lens	2.8 mm, 3.6 mm, 6 mm fixed lens	2.8 mm, 3.6 mm, 6 mm fixed lens	2.8 mm, 3.6 mm, 6 mm fixed lens
Min. Illumination	0.01 Lux@[F1.2, AGC ON], 0 Lux with IR	0.01 Lux@[F1.2, AGC ON], 0 Lux with IR	0.01 Lux@[F1.2, AGC ON], 0 Lux with IR	0.01 Lux@[F1.2, AGC ON], 0 Lux with IR	0.01 Lux@[F1.2, AGC ON], 0 Lux with IR	0.01 Lux@[F1.2, AGC ON], 0 Lux with IR	0.01 Lux@[F1.2, AGC ON], 0 Lux with IR
FOV	3.6 mm, horizontal FOV: 79.6°, vertical FOV: 43.5°, diagonal FOV: 93.7° 6 mm, horizontal FOV: 51.9°, vertical FOV: 30°, diagonal FOV: 58.8° 8 mm, horizontal FOV: 39.9°, vertical FOV: 21.9°, diagonal FOV: 46.5° 12 mm, horizontal FOV: 24.6°, vertical FOV: 13.9°, diagonal FOV: 28.1°	2.8 mm, horizontal FOV: 106.4°, vertical FOV: 57.9°, diagonal FOV: 124.6° 3.6 mm, horizontal FOV: 79.6°, vertical FOV: 43.5°, diagonal FOV: 93.7° 6 mm, horizontal FOV: 51.9°, vertical FOV: 30°, diagonal FOV: 58.8°	2.8 mm, horizontal FOV: 106.4°, vertical FOV: 57.9°, diagonal FOV: 124.6° 3.6 mm, horizontal FOV: 79.6°, vertical FOV: 43.5°, diagonal FOV: 93.7° 6 mm, horizontal FOV: 51.9°, vertical FOV: 30°, diagonal FOV: 58.8°	2.8 mm, horizontal FOV: 106.4°, vertical FOV: 57.9°, diagonal FOV: 124.6° 3.6 mm, horizontal FOV: 79.6°, vertical FOV: 43.5°, diagonal FOV: 93.7° 6 mm, horizontal FOV: 51.9°, vertical FOV: 30°, diagonal FOV: 58.8°	2.8 mm, horizontal FOV: 106.4°, vertical FOV: 57.9°, diagonal FOV: 124.6° 3.6 mm, horizontal FOV: 79.6°, vertical FOV: 43.5°, diagonal FOV: 93.7° 6 mm, horizontal FOV: 51.9°, vertical FOV: 30°, diagonal FOV: 58.8°	2.8 mm, horizontal FOV: 106.4°, vertical FOV: 57.9°, diagonal FOV: 124.6° 3.6 mm, horizontal FOV: 79.6°, vertical FOV: 43.5°, diagonal FOV: 93.7° 6 mm, horizontal FOV: 51.9°, vertical FOV: 30°, diagonal FOV: 58.8°	2.8 mm, horizontal FOV: 106.4°, vertical FOV: 57.9°, diagonal FOV: 124.6° 3.6 mm, horizontal FOV: 79.6°, vertical FOV: 43.5°, diagonal FOV: 93.7° 6 mm, horizontal FOV: 51.9°, vertical FOV: 30°, diagonal FOV: 58.8°
Angle Adjustment	Pan: 0° to 360°; Tilt: 0 to 180°; Rotation: 0 to 360°	Pan: 0° to 360°; Tilt: 0° to 75°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt: 0° to 75°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt: 0° to 75°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt: 0° to 75°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt: 0° to 75°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt: 0° to 70°; Rotate: 0° to 360°
Day & Night	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter
WDR	DWDR	DWDR	DWDR	DWDR	DWDR	DWDR	DWDR
Max. IR Range (meters)	Up to 80 m	Up to 20 m	Up to 25 m	Up to 25 m	Up to 20 m	Up to 30 m	Up to 20 m
HD Video Output	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS
CVBS Output	-	-	-	-	-	-	-
D/N Mode	Auto/Color/BW [Black and White]	Auto/Color/BW [Black and White]	Auto/Color/BW [Black and White]	Auto/Color/BW [Black and White]	Auto/Color/BW [Black and White]	Auto/Color/BW [Black and White]	Auto/Color/BW [Black and White]
White Balance	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual
BLC	DWDR/BLC/HLC/Global	-	-	-	-	-	-
DNR	2D DNR	2D DNR	2D DNR	2D DNR	2D DNR	2D DNR	2D DNR
Functions	Brightness, Sharpness, Smart IR	Brightness, Sharpness, Smart IR	Brightness, Sharpness, Smart IR	Brightness, Sharpness, Smart IR	Brightness, Sharpness, Smart IR	Brightness, Sharpness, Smart IR	Brightness, Sharpness, Smart IR
Protection Level	IP67	-	IP67	IP67	-	IP67	-
Alarm I/O	-	-	-	-	-	-	-
Power	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%

Model	DS-2CE56DOT-IT1F(C)	DS-2CE56DOT-IT3F(C)	DS-2CE16DOT-ITPFS	DS-2CE16DOT-ITFS	DS-2CE76DOT-ITPFS	DS-2CE76DOT-ITMFS	DS-2CE78DOT-IT3FS
Image			HOT	HOT	HOT	HOT	HOT
Description	2 MP CMOS	2 MP CMOS					
Lens	2.8 mm, 3.6 mm, 6 mm fixed lens	2.8 mm, 3.6 mm, 6 mm, 8 mm, 12 mm fixed lens	2.8 mm, 3.6 mm, 6 mm	2.8 mm, 3.6 mm, 6 mm			
Min. Illumination	0.01 Lux@(F1.2, AGC ON), 0 Lux with IR	0.01 Lux@(F1.2, AGC ON), 0 Lux with IR	0.01 Lux@(F1.2, AGC ON), 0 Lux with IR	0.01 Lux@(F1.2, AGC ON), 0 Lux with IR	0.01 Lux@(F1.2, AGC ON), 0 Lux with IR	0.01 Lux@(F1.2, AGC ON), 0 Lux with IR	0.01 Lux@(F1.2, AGC ON), 0 Lux with IR
FOV	2.8 mm, horizontal FOV: 106.4°, vertical FOV: 57.9°, diagonal FOV: 124.6° 3.6 mm, horizontal FOV: 106.4°, vertical FOV: 57.9°, diagonal FOV: 93.7° 6 mm, horizontal FOV: 51.9°, vertical FOV: 30°, diagonal FOV: 58.8° 8 mm, horizontal FOV: 39.9°, vertical FOV: 21.9°, diagonal FOV: 46.5° 12 mm, horizontal FOV: 24.6°, vertical FOV: 13.9°, diagonal FOV: 28.1°	2.8 mm, horizontal FOV: 106.4°, vertical FOV: 57.9°, diagonal FOV: 124.6° 3.6 mm, horizontal FOV: 106.4°, vertical FOV: 57.9°, diagonal FOV: 93.7° 6 mm, horizontal FOV: 51.9°, vertical FOV: 30°, diagonal FOV: 58.8° 8 mm, horizontal FOV: 39.9°, vertical FOV: 21.9°, diagonal FOV: 46.5° 12 mm, horizontal FOV: 24.6°, vertical FOV: 13.9°, diagonal FOV: 28.1°	2.8 mm, horizontal FOV: 106.4°, vertical FOV: 57.9°, diagonal FOV: 124.6° 3.6 mm, horizontal FOV: 106.4°, vertical FOV: 57.9°, diagonal FOV: 93.7° 6 mm, horizontal FOV: 51.9°, vertical FOV: 30°, diagonal FOV: 58.8° 8 mm, horizontal FOV: 39.9°, vertical FOV: 21.9°, diagonal FOV: 46.5° 12 mm, horizontal FOV: 24.6°, vertical FOV: 13.9°, diagonal FOV: 28.1°	2.8 mm, horizontal FOV: 106.4°, vertical FOV: 57.9°, diagonal FOV: 124.6° 3.6 mm, horizontal FOV: 106.4°, vertical FOV: 57.9°, diagonal FOV: 93.7° 6 mm, horizontal FOV: 51.9°, vertical FOV: 30°, diagonal FOV: 58.8° 8 mm, horizontal FOV: 39.9°, vertical FOV: 21.9°, diagonal FOV: 46.5° 12 mm, horizontal FOV: 24.6°, vertical FOV: 13.9°, diagonal FOV: 28.1°	2.8 mm, horizontal FOV: 106.4°, vertical FOV: 57.9°, diagonal FOV: 124.6° 3.6 mm, horizontal FOV: 106.4°, vertical FOV: 57.9°, diagonal FOV: 93.7° 6 mm, horizontal FOV: 51.9°, vertical FOV: 30°, diagonal FOV: 58.8° 8 mm, horizontal FOV: 39.9°, vertical FOV: 21.9°, diagonal FOV: 46.5° 12 mm, horizontal FOV: 24.6°, vertical FOV: 13.9°, diagonal FOV: 28.1°	2.8 mm, horizontal FOV: 106.4°, vertical FOV: 57.9°, diagonal FOV: 124.6° 3.6 mm, horizontal FOV: 106.4°, vertical FOV: 57.9°, diagonal FOV: 93.7° 6 mm, horizontal FOV: 51.9°, vertical FOV: 30°, diagonal FOV: 58.8° 8 mm, horizontal FOV: 39.9°, vertical FOV: 21.9°, diagonal FOV: 46.5° 12 mm, horizontal FOV: 24.6°, vertical FOV: 13.9°, diagonal FOV: 28.1°	
Angle Adjustment	Pan: 0° to 360°; Tilt:0° to 75°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt:0° to 75°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt:0° to 180°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt:0° to 180°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt:0° to 180°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt:0° to 75°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt:0° to 75°; Rotate: 0° to 360°
Day & Night	IR cut filter	IR cut filter					
WDR	DWDR	DWDR	DWDR	DWDR	DWDR	DWDR	DWDR
Max. IR Range (meters)	Up to 30 m	Up to 40 m	Up to 25 m	Up to 30 m	Up to 20 m	Up to 30 m	Up to 40 m
HD Video Output	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS
CVBS Output	-	-	-	-	-	-	-
D/N Mode	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)					
White Balance	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual
BLC	-	-	-	-	-	-	-
DNR	2D DNR	2D DNR	2D DNR	2D DNR	2D DNR	2D DNR	2D DNR
Functions	Brightness, Sharpness, Smart IR	Brightness, Sharpness, Smart IR	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR
Protection Level	IP67	IP67	IP67	IP67	-	IP67	IP67
Alarm I/O	-	-	-	-	-	-	-
Power	12 VDC ±25%	12 VDC ±25%					

Model	DS-2CE56H0T-IT3ZF	DS-2CE16H0T-AIT3ZF	DS-2CE16H0T-IT3ZF	DS-2CE56H0T-VPIT3ZF	DS-2CE56H0T-VPIT3ZF	DS-2CE5AH0T-VPIT3ZF	DS-2CE5AH0T-VPIT3ZF
Image							
Description	5 MP Turret Camera	5 MP Bullet Camera	5 MP Bullet Camera	5 MP Dome Camera	5 MP Dome Camera	5 MP Dome Camera	5 MP Dome Camera
Lens	2.7 mm to 13.5 mm motorized vari-focal lens	2.7 mm to 13.5 mm motorized vari-focal lens	2.7 mm to 13.5 mm motorized vari-focal lens	2.7 mm to 13.5 mm motorized vari-focal lens	2.7 mm to 13.5 mm motorized vari-focal lens	2.7 mm to 13.5 mm motorized vari-focal lens	2.7 mm to 13.5 mm motorized vari-focal lens
Min. Illumination	Color: 0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR
FOV	95.7° to 29.1°	95.7° to 29.1°	95.7° to 29.1°	95.7° to 29.1°	95.7° to 29.1°	95.7° to 29.1°	95.7° to 29.1°
Angle Adjustment	Pan: 0° to 360°; Tilt: 0° to 75°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt: 0° to 90°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt: 0° to 90°; Rotate: 0° to 360°	Pan: 0° to 355°; Tilt: 0° to 75°; Rotate: 0° to 355°	Pan: 0° to 355°; Tilt: 0° to 75°; Rotate: 0° to 355°	Pan: 0° to 355°; Tilt: 0° to 75°; Rotate: 0° to 355°	Pan: 0° to 355°; Tilt: 0° to 75°; Rotate: 0° to 355°
Day & Night	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter
WDR	DWDR	DWDR	DWDR	DWDR	DWDR	DWDR	DWDR
Max. IR Range	Up to 40 m	Up to 40m	Up to 40 m	Up to 40 m	Up to 40 m	Up to 40 m	Up to 40 m
HD Video Output	switchable TVI/AHD/CVI/CVBS	switchable TVI/AHD/CVI/CVBS	switchable TVI/AHD/CVI/CVBS	switchable TVI/AHD/CVI/CVBS	switchable TVI/AHD/CVI/CVBS	switchable TVI/AHD/CVI/CVBS	switchable TVI/AHD/CVI/CVBS
CVBS Output	-	-	-	-	-	-	-
D/N Mode	Auto/Color/BW [Black and White]	Auto/Color/BW [Black and White]	Auto/Color/BW [Black and White]	Auto/Color/BW [Black and White]	Auto/Color/BW [Black and White]	Auto/Color/BW [Black and White]	Auto/Color/BW [Black and White]
White Balance	ATW/MWB	ATW/MWB	ATW/MWB	ATW/MWB	ATW/MWB	ATW/MWB	ATW/MWB
BLC	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF
DNR	2D	2D	2D	2D	2D	2D	2D
Functions	Brightness, Sharpness, DNR, Mirror, Smart IR	Brightness, Sharpness, DNR, Mirror, Smart IR	Brightness, Sharpness, DNR, Mirror, Smart IR	Brightness, Sharpness, DNR, Mirror, Smart IR	Brightness, Sharpness, DNR, Mirror, Smart IR	Brightness, Sharpness, DNR, Mirror, Smart IR	Brightness, Sharpness, DNR, Mirror, Smart IR
Protection Level	IP67	IP67	IP67	IP67,IK10	IP67,IK10	IP67,IK10	IP67,IK10
Alarm I/O	-	-	-	-	-	-	-
Power	12 VDC ±25%	12 VDC ±15%, 24 VAC ±15%	12 VDC ±15%	12 VDC ±15%	12 VDC ±15%, 24 VAC ±15%	12 VDC ±15%	12 VDC ±15%, 24 VAC ±15%

Model	DS-2CE56H0T-ITZF	DS-2CE56H0T-AITZF	DS-2CE16H0T-ITE	DS-2CE16H0T-IT1E	DS-2CE16H0T-IT3E	DS-2CE16H0T-IT5E	DS-2CE56H0T-VPITE
Image							
Description	5 MP Dome Camera	5 MP Dome Camera	5 MP Bullet Camera	5 MP Bullet Camera	5 MP Bullet Camera	5 MP Bullet Camera	5 MP Dome Camera
Lens	2.7 mm to 13.5 mm motorized vari-focal lens	2.7 mm to 13.5 mm motorized vari-focal lens	2.8 mm, 3.6 mm, 6 mm fixed focal lens	2.8 mm, 3.6 mm, 6 mm fixed focal lens	2.8 mm, 3.6 mm, 6 mm, 8 mm, 12 mm fixed lens	3.6 mm, 6 mm, 8 mm, 12 mm fixed lens	2.8 mm, 3.6 mm, 6 mm fixed lens
Min. Illumination	Color: 0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR
FOV	95.7° to 29.1°	95.7° to 29.1°	85.5° [2.8 mm], 80.1° [3.6 mm], 57.1° [6 mm]	85.5° [2.8 mm], 80.1° [3.6 mm], 57.1° [6 mm]	85.5° [2.8 mm], 80.1° [3.6 mm], 57.1° [6 mm], 41° [8 mm], 25.7° [12 mm]	80.1° [3.6 mm], 57.1° [6 mm], 41° [8 mm], 25.7° [12 mm]	85.5° [2.8 mm], 80.1° [3.6 mm], 57.1° [6 mm]
Angle Adjustment	Pan: 0° to 340°; Tilt: 0° to 75°; Rotate: 0° to 355°	Pan: 0° to 340°; Tilt: 0° to 75°; Rotate: 0° to 355°	Pan: 0° to 360°; Tilt: 0° to 180°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt: 0° to 180°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt: 0° to 180°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt: 0° to 180°; Rotate: 0° to 360°	Pan: 0° to 355°; Tilt: 0° to 75°; Rotate: 0° to 355°
Day & Night	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter
WDR	DWDR	DWDR	DWDR	DWDR	DWDR	DWDR	DWDR
Max. IR Range	Up to 20 m	Up to 20 m	Up to 20 m	Up to 20 m	Up to 40 m	Up to 80 m	Up to 20 m
HD Video Output	switchable TVI/AHD/CVI/CVBS	switchable TVI/AHD/CVI/CVBS	1 HD analog output	1 HD analog output	1 HD analog output	1 HD analog output	1 HD analog output
CVBS Output	-	-	-	-	-	-	-
D/N Mode	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)
White Balance	ATW/MWB	ATW/MWB	ATW/MWB	ATW/MWB	ATW/MWB	ATW/MWB	ATW/MWB
BLC	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF
DNR	2D	2D	2D	2D	2D	2D	2D
Functions	Brightness, Sharpness, DNR, Mirror, Smart IR	Brightness, Sharpness, DNR, Mirror, Smart IR	Brightness, Sharpness, DNR, Mirror, Smart IR	Brightness, Sharpness, DNR, Mirror, Smart IR	Brightness, Sharpness, DNR, Mirror, Smart IR	Brightness, Sharpness, DNR, Mirror, Smart IR	Brightness, Sharpness, DNR, Mirror, Smart IR
Protection Level	-	-	IP67	IP67	IP67	IP67	IP67,IK10
Alarm I/O	-	-	-	-	-	-	-
Power	12 VDC ±15%	12 VDC ±15%, 24 VAC ±15%	12 VDC ±25%, PoC.af	12 VDC ±25%, PoC.af	12 VDC ±25%, PoC.af	12 VDC ±25%, PoC.at	12 VDC ±25%, PoC.af

Model	DS-2CE56H0T-ITME	DS-2CE56H0T-IT1E	DS-2CE56H0T-IT3E	DS-2CE16H0T-IT3ZE	DS-2CE56H0T-IT3ZE
Image					
Description	5 MP Turret Camera	5 MP Turret Camera	5 MP Turret Camera	5 MP Bullet Camera	5 MP Turret Camera
Lens	2.8 mm, 3.6 mm, 6 mm fixed lens	2.8 mm, 3.6 mm, 6 mm fixed lens	2.8 mm, 3.6 mm, 6 mm, 8 mm, 12 mm fixed lens	2.7 mm to 13.5 mm motorized vari-focal lens	2.7 mm to 13.5 mm motorized vari-focal lens
Min. Illumination	Color: 0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR
FOV	85.5° [2.8 mm], 80.1° [3.6 mm], 57.1° [6 mm]	85.5° [2.8 mm], 80.1° [3.6 mm], 57.1° [6 mm]	85.5° [2.8 mm], 80.1° [3.6 mm], 57.1° [6 mm], 41° [8 mm], 25.7° [12 mm]	95.7° to 29.1°	95.7° to 29.1°
Angle Adjustment	Pan: 0° to 360°; Tilt: 0° to 75°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt: 0° to 75°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt: 0° to 75°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt: 0° to 90°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt: 0° to 75°; Rotate: 0° to 360°
Day & Night	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter
WDR	DWDR	DWDR	DWDR	DWDR	DWDR
Max. IR Range	Up to 20 m	Up to 20 m	Up to 40 m	Up to 40 m	Up to 40 m
HD Video Output	1 HD analog output	1 HD analog output	1 HD analog output	1 HD analog output	1 HD analog output
CVBS Output	-	-	-	-	-
D/N Mode	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)
White Balance	ATW/MWB	ATW/MWB	ATW/MWB	ATW/MWB	ATW/MWB
BLC	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF
DNR	2D	2D	2D	2D	2D
Functions	Brightness, Sharpness, DNR, Mirror, Smart IR	Brightness, Sharpness, DNR, Mirror, Smart IR	Brightness, Sharpness, DNR, Mirror, Smart IR	Brightness, Sharpness, DNR, Mirror, Smart IR	Brightness, Sharpness, DNR, Mirror, Smart IR
Protection Level	IP67	IP67	IP67	IP67	IP67
Alarm I/O	-	-	-	-	-
Power	12 VDC ±25%, PoC.af	12 VDC ±25%, PoC.af	12 VDC ±25%, PoC.af	12 VDC ±25%, PoC.at	12 VDC ±25%, PoC.at

Model	DS-2CE56H0T-ITZE	DS-2CE56H0T-VPIT3ZE	DS-2CE5AH0T-VPIT3ZE	DS-2CE16H0T-ITPF(C)	DS-2CE16H0T-ITF(C)
Image	 PoC	 PoC	 PoC		
Description	5 MP Dome Camera	5 MP Dome Camera	5 MP Dome Camera	5 MP high performance COMS	5MP high performance COMS
Lens	2.7 mm to 13.5 mm motorized vari-focal lens	2.7 mm to 13.5 mm motorized vari-focal lens	2.7 mm to 13.5 mm motorized vari-focal lens	2.4 mm, 2.8 mm, 3.6 mm, 6 mm fixed lens	2.4 mm, 2.8 mm, 3.6 mm, 6 mm fixed lens
Min. Illumination	Color: 0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR
FOV	95.7° to 29.1°	95.7° to 29.1°	95.7° to 29.1°	2.4 mm, horizontal FOV: 110°, vertical FOV: 81°, diagonal FOV:137° 2.8 mm, horizontal FOV: 85°, vertical FOV: 63°, diagonal FOV:110° 3.6 mm, horizontal FOV: 80°, vertical FOV: 63°, diagonal FOV:105° 6 mm, horizontal FOV: 57°, vertical FOV: 43°, diagonal FOV:72°	2.4 mm, horizontal FOV: 110°, vertical FOV: 81°, diagonal FOV:137° 2.8 mm, horizontal FOV: 85°, vertical FOV: 63°, diagonal FOV:110° 3.6 mm, horizontal FOV: 80°, vertical FOV: 63°, diagonal FOV:105° 6 mm, horizontal FOV: 57°, vertical FOV: 43°, diagonal FOV:72°
Angle Adjustment	Pan: 0° to 340°; Tilt: 0° to 75°; Rotate: 0° to 355°	Pan: 0° to 355°; Tilt: 0° to 75°; Rotate: 0° to 355°	Pan: 0° to 340°; Tilt: 0° to 75°; Rotate: 0° to 355°	Pan: 0° to 360°; Tilt: 0° to 90°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt: 0° to 90°; Rotate: 0° to 360°
Day & Night	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter
WDR	DWDR	DWDR	DWDR	DWDR	DWDR
Max. IR Range	Up to 20 m	Up to 40 m	Up to 40 m	Up to 25 m	Up to 30 m
HD Video Output	1 HD analog output	1 HD analog output	1 HD analog output	1 HD analog output	1 HD analog output
CVBS Output				TVI/AHD/CVI/CVBS	TVI/AHD/CVI/CVBS
D/N Mode	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)
White Balance	ATW/MWB	ATW/MWB	ATW/MWB	ATW/MWB	ATW/MWB
BLC	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF	Support	Support
DNR	2D	2D	2D	2D DNR	2D DNR
Functions	Brightness, Sharpness, DNR, Mirror, Smart IR	Brightness, Sharpness, DNR, Mirror, Smart IR	Brightness, Sharpness, DNR, Mirror, Smart IR	Brightness, Sharpness, DNR , Mirror, Smart IR	Brightness, Sharpness, DNR , Mirror, Smart IR
Protection Level	IP67	IP67,IK10	IP67,IK10	IP67	IP67
Alarm I/O	-	-	-	-	-
Power	12 VDC ±25%, PoC,af	12 VDC ±25%, PoC,af	12 VDC ±25%, PoC,af	12 VDC ± 25%	12 VDC ± 25%

Model	DS-2CE17H0T-IT1F	DS-2CE17H0T-IT3F	DS-2CE17H0T-IT5F	DS-2CE76H0T-ITMF(C)	DS-2CE76H0T-ITPF(C)	DS-2CE56H0T-IRMMF(C)	DS-2CE57H0T-VPITF (C)
Image							
Description	5 MP CMOS	5 MP CMOS	5 MP CMOS	-	-	5 MP high performance COMS	-
Lens	2.4 mm, 2.8 mm, 3.6 mm, 6 mm fixed lens	2.8 mm, 3.6 mm, 6 mm, 8 mm, 12 mm fixed lens	3.6 mm, 6 mm, 8 mm, 12 mm fixed lens	2.4 mm, 2.8 mm, 3.6 mm, 6 mm fixed lens	2.4 mm, 2.8 mm, 3.6 mm, 6 mm fixed lens	2.8 mm, 3.6 mm, 6 mm fixed lens	2.8 mm, 3.6 mm, 6 mm fixed lens
Min. Illumination	0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR
FOV	2.4 mm, horizontal FOV: 110°, vertical FOV: 81°, diagonal FOV:137° 2.8 mm, horizontal FOV: 85°, vertical FOV: 63°, diagonal FOV:110° 3.6 mm, horizontal FOV: 80°, vertical FOV: 63°, diagonal FOV:105° 6 mm, horizontal FOV: 57°, vertical FOV: 43°, diagonal FOV:72° 8 mm, horizontal FOV: 41°, vertical FOV: 31°, diagonal FOV:52° 12 mm, horizontal FOV: 26°, vertical FOV: 19°, diagonal FOV:32°	2.8 mm, horizontal FOV: 85°, vertical FOV: 63°, diagonal FOV:110° 3.6 mm, horizontal FOV: 80°, vertical FOV: 63°, diagonal FOV:105° 6 mm, horizontal FOV: 57°, vertical FOV: 43°, diagonal FOV:72° 8 mm, horizontal FOV: 41°, vertical FOV: 31°, diagonal FOV:52° 12 mm, horizontal FOV: 26°, vertical FOV: 19°, diagonal FOV:32°	3.6 mm, horizontal FOV: 80°, vertical FOV: 63°, diagonal FOV:105° 6 mm, horizontal FOV: 57°, vertical FOV: 43°, diagonal FOV:72° 8 mm, horizontal FOV: 41°, vertical FOV: 31°, diagonal FOV:52° 12 mm, horizontal FOV: 26°, vertical FOV: 19°, diagonal FOV:32°	2.4 mm, horizontal FOV: 110°, vertical FOV: 81°, diagonal FOV:137° 2.8 mm, horizontal FOV: 85°, vertical FOV: 63°, diagonal FOV:110° 3.6 mm, horizontal FOV: 80°, vertical FOV: 63°, diagonal FOV:105° 6 mm, horizontal FOV: 57°, vertical FOV: 43°, diagonal FOV:72°	2.4 mm, horizontal FOV: 110°, vertical FOV: 81°, diagonal FOV:137° 2.8 mm, horizontal FOV: 85°, vertical FOV: 63°, diagonal FOV:110° 3.6 mm, horizontal FOV: 80°, vertical FOV: 63°, diagonal FOV:105° 6 mm, horizontal FOV: 57°, vertical FOV: 43°, diagonal FOV:72°	85.5° [2.8 mm], 80.1° [3.6 mm], 57.1° [6 mm]	2.8 mm, horizontal FOV: 85°, vertical FOV: 63°, diagonal FOV:110° 3.6 mm, horizontal FOV: 80°, vertical FOV: 63°, diagonal FOV:105° 6 mm, horizontal FOV: 57°, vertical FOV: 43°, diagonal FOV:72°
Angle Adjustment	Pan: 0 to 360°, Tilt: 0 to 180°, Rotation 0 to 360°	Pan: 0 to 360°, Tilt: 0 to 180°, Rotation 0 to 360°	Pan: 0 to 360°, Tilt: 0 to 180°, Rotation 0 to 360°	Pan: 0 to 360°, Tilt: 0 to 75°, Rotation 0 to 360°	Pan: 0 to 360°, Tilt: 0 to 75°, Rotation 0 to 360°	Pan: 0° to 350°, Tilt: 0° to 70°, Rotate: 0° to 350°	Pan: 0 to 360°, Tilt: 0 to 75°, Rotation 0 to 360°
Day & Night	ICR	ICR	ICR	ICR	ICR	ICR	ICR
WDR	DWDR/BLC/HLC/Global	DWDR/BLC/HLC/Global	DWDR/BLC/HLC/Global	DWDR/BLC/HLC/Global	DWDR/BLC/HLC/Global	Support	DWDR/BLC/HLC/Global
Max. IR Range	Up to 30 m	Up to 40 m	Up to 80 m	Up to 30 m	Up to 20 m	Up to 20 m	Up to 20 m
HD Video Output	Switchable TVI/AHD/CVI/CVBS	Switchable TVI/AHD/CVI/CVBS	Switchable TVI/AHD/CVI/CVBS	Switchable TVI/AHD/CVI/CVBS	Switchable TVI/AHD/CVI/CVBS	1 HD analog output	Switchable TVI/AHD/CVI/CVBS
CVBS Output	-	-	-	-	-	TVI/AHD/CVI/CVBS	-
D/N Mode	Auto/Color/BW [Black and White]	Auto/Color/BW [Black and White]	Auto/Color/BW [Black and White]	Auto/Color/BW [Black and White]	Auto/Color/BW [Black and White]	Auto/Color/BW [Black and White]	Auto/Color/BW [Black and White]
White Balance	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual	ATW/MWB	Auto/Manual
BLC	DWDR/BLC/HLC/Global	DWDR/BLC/HLC/Global	DWDR/BLC/HLC/Global	DWDR/BLC/HLC/Global	DWDR/BLC/HLC/Global	Support	DWDR/BLC/HLC/Global
DNR	2D DNR	2D DNR	2D DNR	2D DNR	2D DNR	2D DNR	2D DNR
Functions	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, DNR, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR
Protection Level	IP67	IP67	IP67	IP67	IP67	Support	IP67
Alarm I/O	-	-	-	-	-	-	-
Power	12 VDC ± 25%	12 VDC ± 25%	12 VDC ± 25%	12 VDC ± 25%	12 VDC ± 25%	12 VDC ± 25%	12 VDC ± 25%

Model	DS-2CE78H0T-IT1F (C)	DS-2CE78H0T-IT3F(C)	DS-2CE16H0T-ITPFS	DS-2CE16H0T-ITFS	DS-2CE76H0T-ITPFS	DS-2CE76H0T-ITMFS	DS-2CE78H0T-IT3FS
Image			HOT	HOT	HOT	HOT	HOT
Description	-	5 MP CMOS					
Lens	2.4 mm, 2.8 mm, 3.6 mm, 6 mm fixed lens	2.8 mm, 3.6 mm, 6 mm fixed lens	2.8 mm, 3.6 mm, 6 mm fixed lens	2.8 mm, 3.6 mm, 6 mm fixed lens	2.8 mm, 3.6 mm, 6 mm fixed lens	2.8 mm, 3.6 mm, 6 mm fixed lens	2.8 mm, 3.6 mm, 6 mm fixed lens
Min. Illumination	0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	0.01 Lux@[F1.2, AGC ON], 0 Lux with IR	0.01 Lux@[F1.2, AGC ON], 0 Lux with IR	0.01 Lux@[F1.2, AGC ON], 0 Lux with IR	0.01 Lux@[F1.2, AGC ON], 0 Lux with IR	0.01 Lux@[F1.2, AGC ON], 0 Lux with IR	0.01 Lux@[F1.2, AGC ON], 0 Lux with IR
FOV	2.4 mm, horizontal FOV: 110°, vertical FOV: 81°, diagonal FOV:137° 2.8 mm, horizontal FOV: 85°, vertical FOV: 63.7°, diagonal FOV: 110.7° 3.6 mm, horizontal FOV: 80.1°, vertical FOV: 63.7°, diagonal FOV: 105.9° 6 mm, horizontal FOV: 57.1°, vertical FOV: 43.1°, diagonal FOV: 72.5°	2.8 mm, horizontal FOV: 85.5°, vertical FOV: 63.7°, diagonal FOV: 110.7° 3.6 mm, horizontal FOV: 80.1°, vertical FOV: 63.7°, diagonal FOV: 105.9° 6 mm, horizontal FOV: 57.1°, vertical FOV: 43.1°, diagonal FOV: 72.5°	2.8 mm, horizontal FOV: 85.5°, vertical FOV: 63.7°, diagonal FOV: 110.7° 3.6 mm, horizontal FOV: 80.1°, vertical FOV: 63.7°, diagonal FOV: 105.9° 6 mm, horizontal FOV: 57.1°, vertical FOV: 43.1°, diagonal FOV: 72.5°	2.8 mm, horizontal FOV: 85.5°, vertical FOV: 63.7°, diagonal FOV: 110.7° 3.6 mm, horizontal FOV: 80.1°, vertical FOV: 63.7°, diagonal FOV: 105.9° 6 mm, horizontal FOV: 57.1°, vertical FOV: 43.1°, diagonal FOV: 72.5°	2.8 mm, horizontal FOV: 85.5°, vertical FOV: 63.7°, diagonal FOV: 110.7° 3.6 mm, horizontal FOV: 80.1°, vertical FOV: 63.7°, diagonal FOV: 105.9° 6 mm, horizontal FOV: 57.1°, vertical FOV: 43.1°, diagonal FOV: 72.5°	2.8 mm, horizontal FOV: 85.5°, vertical FOV: 63.7°, diagonal FOV: 110.7° 3.6 mm, horizontal FOV: 80.1°, vertical FOV: 63.7°, diagonal FOV: 105.9° 6 mm, horizontal FOV: 57.1°, vertical FOV: 43.1°, diagonal FOV: 72.5°	2.8 mm, horizontal FOV: 85.5°, vertical FOV: 63.7°, diagonal FOV: 110.7° 3.6 mm, horizontal FOV: 80.1°, vertical FOV: 63.7°, diagonal FOV: 105.9° 6 mm, horizontal FOV: 57.1°, vertical FOV: 43.1°, diagonal FOV: 72.5°
Angle Adjustment	Pan: 0 to 360°, Tilt: 0 to 75°, Rotation 0 to 360°	Pan: 0 to 360°, Tilt: 0 to 75°, Zoom 0 to 360°	Pan: 0 to 355°, Tilt: 0 to 75°, Zoom 0 to 355°	Pan: 0 to 355°, Tilt: 0 to 75°, Zoom 0 to 355°	Pan: 0 to 360°, Tilt: 0 to 75°, Zoom 0 to 360°	Pan: 0 to 360°, Tilt: 0 to 75°, Zoom 0 to 360°	Pan: 0 to 360°, Tilt: 0 to 75°, Zoom 0 to 360°
Day & Night	ICR	ICR	ICR	ICR	ICR	ICR	ICR
WDR	DWDR/BLC/HLC/Global	Digital WDR					
Max. IR Range	-	Up to 40 m	Up to 25 m	Up to 30 m	Up to 20 m	Up to 30 m	Up to 40 m
HD Video Output	Switchable TVI/AHD/CVI/CVBS	Switchable TVI/AHD/CVI/CVBS	Switchable TVI/AHD/CVI/CVBS	Switchable TVI/AHD/CVI/CVBS	Switchable TVI/AHD/CVI/CVBS	Switchable TVI/AHD/CVI/CVBS	Switchable TVI/AHD/CVI/CVBS
CVBS Output	-	-	-	-	-	-	-
D/N Mode	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)
White Balance	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual
BLC	DWDR/BLC/HLC/Global	-	-	-	-	-	-
DNR	2D DNR	2D DNR	2D DNR	2D DNR	2D DNR	2D DNR	2D DNR
Functions	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR
Protection Level	IP67	IP67	IP67	IP67	-	IP67	IP67
Alarm I/O	-	-	-	-	-	-	-
Power	12 VDC ± 25%	12 VDC ± 25%	12 VDC ± 25%	12 VDC ± 25%	12 VDC ± 25%	12 VDC ± 25%	12 VDC ± 25%

Model	DS-2CE16U1T-ITF	DS-2CE16U1T-ITPF	DS-2CE16U1T-IT1F	DS-2CE16U1T-IT3F	DS-2CE16U1T-IT5F	DS-2CE57U1T-VPITF
Image						
Description	8 MP Bullet Camera	8 MP Bullet Camera	8 MP Bullet Camera	8 MP Bullet Camera	8 MP Bullet Camera	8 MP Bullet Camera
Lens	2.8 mm, 3.6 mm, 6 mm fixed focal lens	2.8 mm, 3.6 mm, 6 mm fixed focal lens	2.8 mm, 3.6 mm, 6 mm fixed focal lens	2.8 mm, 3.6 mm, 6 mm, 8 mm, 12 mm fixed focal lens	3.6 mm, 6 mm, 8 mm, 12 mm fixed focal lens	2.8 mm, 3.6 mm, 6 mm fixed focal lens
Min. Illumination	Color: 0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR
FOV	102.2° [2.8 mm], 79° [3.6 mm], 50.8° [6 mm]	102.2° [2.8 mm], 79° [3.6 mm], 50.8° [6 mm]	102.2° [2.8 mm], 79° [3.6 mm], 50.8° [6 mm]	102.2° [2.8 mm], 79° [3.6 mm], 50.8° [6 mm], 37.73° [8 mm], 23.96° [12 mm]	79° [3.6 mm], 50.8° [6 mm], 37.73° [8 mm], 23.96° [12 mm]	102.2° [2.8 mm], 79° [3.6 mm], 50.8° [6 mm]
Angle Adjustment	Pan: 0° to 360°; Tilt: 0° to 180°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt: 0° to 180°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt: 0° to 180°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt: 0° to 180°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt: 0° to 180°; Rotate: 0° to 360°	Pan: 0° to 355°; Tilt: 0° to 75°; Rotate: 0° to 355°
Day & Night	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter
WDR	DWDR	DWDR	DWDR	DWDR	DWDR	DWDR
Max. IR Range (meters)	Up to 30 m	Up to 30 m	Up to 30 m	Up to 60 m	Up to 80 m	Up to 30 m
HD Video Output	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS
CVBS Output	-	-	-	-	-	-
D/N Mode	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)
White Balance	ATW/MWB	ATW/MWB	ATW/MWB	ATW/MWB	ATW/MWB	ATW/MWB
BLC	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF
DNR	2D	2D	2D	2D	2D	2D
Functions	Brightness, Sharpness, DNR, Mirror, Smart IR	Brightness, Sharpness, DNR, Mirror, Smart IR	Brightness, Sharpness, DNR, Mirror, Smart IR	Brightness, Sharpness, DNR, Mirror, Smart IR	Brightness, Sharpness, DNR, Mirror, Smart IR	Brightness, Sharpness, DNR, Mirror, Smart IR
Protection Level	IP67	IP67	IP67	IP67	IP67	IP67, IK10
Alarm I/O	-	-	-	-	-	-
Power	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%

Model	DS-2CE76U1T-ITPF	DS-2CE76U1T-ITMF	DS-2CE78U1T-IT1F	DS-2CE78U1T-IT3F	DS-2CE19U1T-IT3ZF	DS-2CE19U1T-AIT3ZF
Image						
Description	8 MP Bullet Camera	8 MP Bullet Camera	8 MP Bullet Camera	8 MP Bullet Camera	8 MP Bullet Camera	8 MP Bullet Camera
Lens	2.8 mm, 3.6 mm, 6 mm fixed focal lens	2.8 mm, 3.6 mm, 6 mm fixed focal lens	2.8 mm, 3.6 mm, 6 mm fixed focal lens	2.8 mm, 3.6 mm, 6 mm, 8 mm, 12 mm fixed focal lens	2.7 mm to 13.5 mm motorized auto focus lens	2.7 mm to 13.5 mm motorized auto focus lens
Min. Illumination	Color: 0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR
FOV	102.2° (2.8 mm), 79° (3.6 mm), 50.8° (6 mm)	102.2° (2.8 mm), 79° (3.6 mm), 50.8° (6 mm)	102.2° (2.8 mm), 79° (3.6 mm), 50.8° (6 mm)	102.2° (2.8 mm), 79° (3.6 mm), 50.8° (6 mm), 37.73° (8 mm), 23.96° (12 mm)	108.1° to 45.6°	108.1° to 45.6°
Angle Adjustment	Pan: 0° to 360°; Tilt:0° to 75°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt:0° to 75°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt:0° to 75°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt:0° to 75°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt:0° to 90°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt:0° to 90°; Rotate: 0° to 360°
Day & Night	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter
WDR	DWDR	DWDR	DWDR	DWDR	DWDR	DWDR
Max. IR Range (meters)	Up to 30 m	Up to 30 m	Up to 30 m	Up to 60 m	Up to 60 m	Up to 60 m
HD Video Output	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS
CVBS Output	-	-	-	-	-	-
D/N Mode	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)
White Balance	ATW/MWB	ATW/MWB	ATW/MWB	ATW/MWB	ATW/MWB	ATW/MWB
BLC	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF
DNR	2D	2D	2D	2D	2D	2D
Functions	Brightness, Sharpness, DNR, Mirror, Smart IR	Brightness, Sharpness, DNR, Mirror, Smart IR	Brightness, Sharpness, DNR, Mirror, Smart IR	Brightness, Sharpness, DNR, Mirror, Smart IR	Brightness, Sharpness, DNR, Mirror, Smart IR	Brightness, Sharpness, DNR, Mirror, Smart IR
Protection Level	-	IP67	IP67	IP67	IP67	IP67
Alarm I/O	-	-	-	-	-	-
Power	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	9.6 VDC to 14.4 VDC; 19.2 VAC to 28.8 VAC

Model	DS-2CE79U1T-IT3ZF	DS-2CE56U1T-ITZF	DS-2CE56U1T-AITZF	DS-2CE59U1T-VPIT3ZF	DS-2CE59U1T-VPIT3ZF	DS-2CE5AU1T-VPIT3ZF	DS-2CE5AU1T-VPIT3ZF
Image							
Description	8 MP Bullet Camera	8 MP Bullet Camera	8 MP Bullet Camera	8 MP Bullet Camera	8 MP Bullet Camera	8 MP Bullet Camera	8 MP Bullet Camera
Lens	2.7 mm to 13.5 mm motorized auto focus lens	2.7 mm to 13.5 mm motorized auto focus lens	2.7 mm to 13.5 mm motorized auto focus lens	2.7 mm to 13.5 mm motorized auto focus lens	2.7 mm to 13.5 mm motorized auto focus lens	2.7 mm to 13.5 mm motorized auto focus lens	2.7 mm to 13.5 mm motorized auto focus lens
Min. Illumination	Color: 0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR
FOV	108.1° to 45.6°	108.1° to 45.6°	108.1° to 45.6°	108.1° to 45.6°	108.1° to 45.6°	108.1° to 45.6°	108.1° to 45.6°
Angle Adjustment	Pan: 0° to 360°; Tilt: 0° to 75°; Rotate: 0° to 360°	Pan: 0° to 355°; Tilt: 0° to 75°; Rotate: 0° to 355°	Pan: 0° to 355°; Tilt: 0° to 75°; Rotate: 0° to 355°	Pan: 0° to 355°; Tilt: 0° to 75°; Rotate: 0° to 355°	Pan: 0° to 355°; Tilt: 0° to 75°; Rotate: 0° to 355°	Pan: 0° to 355°; Tilt: 0° to 75°; Rotate: 0° to 355°	Pan: 0° to 355°; Tilt: 0° to 75°; Rotate: 0° to 355°
Day & Night	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter
WDR	DWDR	DWDR	DWDR	DWDR	DWDR	DWDR	DWDR
Max. IR Range (meters)	Up to 60 m	Up to 60 m	Up to 60 m	Up to 60 m	Up to 60 m	Up to 60 m	Up to 60 m
HD Video Output	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS
CVBS Output	-	-	-	-	-	-	-
D/N Mode	Auto/Color/BW [Black and White]	Auto/Color/BW [Black and White]	Auto/Color/BW [Black and White]	Auto/Color/BW [Black and White]	Auto/Color/BW [Black and White]	Auto/Color/BW [Black and White]	Auto/Color/BW [Black and White]
White Balance	ATW/MWB	ATW/MWB	ATW/MWB	ATW/MWB	ATW/MWB	ATW/MWB	ATW/MWB
BLC	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF
DNR	2D	2D	2D	2D	2D	2D	2D
Functions	Brightness, Sharpness, DNR, Mirror, Smart IR	Brightness, Sharpness, DNR, Mirror, Smart IR	Brightness, Sharpness, DNR, Mirror, Smart IR	Brightness, Sharpness, DNR, Mirror, Smart IR	Brightness, Sharpness, DNR, Mirror, Smart IR	Brightness, Sharpness, DNR, Mirror, Smart IR	Brightness, Sharpness, DNR, Mirror, Smart IR
Protection Level	IP67	IP67	IP67	IP67, IK10	IP67, IK10	IP67, IK10	IP67, IK10
Alarm I/O	-	-	-	-	-	-	-
Power	9 VDC to 15 VDC	9 VDC to 15 VDC	9.6 VDC to 14.4 VDC; 19.2 VAC to 28.8 VAC	9 VDC to 15 VDC	9.6 VDC to 14.4 VDC; 19.2 VAC to 28.8 VAC	9 VDC to 15 VDC	9.6 VDC to 14.4 VDC; 19.2 VAC to 28.8 VAC

Turbo HD Cameras

IoT Series

Passive infrared (PIR) Cameras enhance security with useful strobe lights and siren, which can ward off intruders while they are attempting to invade. These cameras are integrated with a PIR sensor which can detect human bodies, and when combined with Hikvision DVRs, create a system that can reduce false alarms to improve alarm accuracy and overall security.

- Ultra HD video
- Ultra-low-light night vision
- PIR detection
- EXIR 2.0
- Visual alarm and sound alarm



PIR series

Model	DS-2CE11DOT-PIRL	DS-2CE11DOT-PIRLP	DS-2CE11DOT-PIRL0	DS-2CE11DOT-PIRLPO	DS-2CE71DOT-PIRL	DS-2CE71DOT-PIRLP
Image						
	PIR Detection & Light Alarm	PIR Detection & Light Alarm	PIR Detection & Light Alarm	PIR Detection & Light Alarm	PIR Detection & Light Alarm	PIR Detection & Light Alarm
Description	2 MP PIR Bullet Camera	2 MP PIR Turret Camera	2 MP PIR Turret Camera			
Lens	2.8 mm, 3.6 mm fixed lens	2.8 mm, 3.6 mm fixed lens	2.8 mm, 3.6 mm fixed lens	2.8 mm, 3.6 mm fixed lens	2.8 mm, 3.6 mm fixed lens	2.8 mm, 3.6 mm fixed lens
Min. Illumination	0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR
FOV	Horizontal Field of View 103.5° [2.8 mm], 82.6° [3.6 mm]	103° [2.8 mm], 82.2° [3.6 mm]	103° [2.8 mm], 82.2° [3.6 mm]	103° [2.8 mm], 82.2° [3.6 mm]	Horizontal Field of View 103.5° [2.8 mm], 82.6° [3.6 mm]	103° [2.8 mm], 82.2° [3.6 mm]
Angle Adjustment	Pan: 0° to 360°, Tilt: 0° to 180°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 180°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 180°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 180°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 75°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 75°, Rotate: 0° to 360°
Day & Night	IR cut filter					
WDR	DWDR	DWDR	DWDR	DWDR	DWDR	DWDR
Max. IR Range (meters)	Up to 20 m					
HD Video Output	1 HD Analog Output	1 HD Analog Output	1 HD Analog Output	1 HD Analog Output	1 HD Analog Output	1 HD Analog Output
CVBS Output	-	-	-	-	-	-
D/N Mode	Auto/Color/BW (Black and White)					
White Balance	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual
BLC	WDR/BLC/OFF	DWDR/BLC/HLC/Global	DWDR/BLC/HLC/Global	DWDR/BLC/HLC/Global	WDR/BLC/OFF	DWDR/BLC/HLC/Global
DNR	2D	2D	2D	2D	2D	2D
Functions	PIR detection, Flashing Light Alarm, Brightness, Contrast, Sharpness, Saturation, DNR, Mirror	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR	PIR detection, Flashing Light Alarm, Brightness, Contrast, Sharpness, Saturation, DNR, Mirror	Brightness, Sharpness, Mirror, Smart IR
Protection Level	IP67	IP67	IP67	IP67	IP67	IP67
Alarm I/O	-	-	1 alarm out	1 alarm out	-	-
Power	12 VDC ±25%	12 VDC ± 25%				

Model	DS-2CE71DOT-PIRLO	DS-2CE71DOT-PIRLPO	DS-2CE12DOT-PIRL	DS-2CE12DOT-PIRLO	DS-2CE11D8T-PIRL	DS-2CE11D8T-PIRLO
Image						
	PIR Detection & Light Alarm	PIR Detection & Light Alarm	PIR Detection & Light Alarm	PIR Detection & Light Alarm	PIR Detection & Light Alarm	PIR Detection & Light Alarm
Description	2 MP PIR Turret Camera	2 MP PIR Turret Camera	2 MP PIR Bullet Camera	2 MP PIR Bullet Camera	2 MP Ultra-Low-Light PIR Bullet Camera	2 MP PIR Bullet Camera
Lens	2.8 mm, 3.6 mm fixed lens	2.8 mm, 3.6 mm fixed lens	2.8 mm, 3.6 mm fixed lens	2.8 mm, 3.6 mm fixed lens	2.8 mm, 3.6 mm fixed lens	2.8 mm, 3.6 mm fixed lens
Min. Illumination	0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR	0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR
FOV	103° [2.8 mm], 82.2° [3.6 mm]	103° [2.8 mm], 82.2° [3.6 mm]	Horizontal Field of View 103.5° [2.8 mm], 82.6° [3.6 mm]	103° [2.8 mm], 82.2° [3.6 mm]	Horizontal Field of View 103.5° [2.8 mm], 82.6° [3.6 mm]	103° [2.8 mm], 82.2° [3.6 mm]
Angle Adjustment	Pan: 0° to 360°, Tilt: 0° to 75°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 75°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 180°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 180°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 180°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 180°, Rotate: 0° to 360°
Day & Night	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter
WDR	DWDR	DWDR	DWDR	DWDR	> 130 dB	DWDR
Max. IR Range (meters)	Up to 20 m	Up to 20 m	Up to 20 m	Up to 20 m	Up to 20 m	Up to 20 m
HD Video Output	1 HD Analog Output	1 HD Analog Output	1 HD Analog Output	1 HD Analog Output	1 HD Analog Output	1 HD Analog Output
CVBS Output	-	-	-	-	-	-
D/N Mode	Auto/Color/BW [Black and White]	Auto/Color/BW [Black and White]	Auto/Color/BW [Black and White]	Auto/Color/BW [Black and White]	Auto/Color/BW [Black and White]	Auto/Color/BW [Black and White]
White Balance	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual	ATW/MANUAL	Auto/Manual
BLC	DWDR/BLC/HLC/Global	DWDR/BLC/HLC/Global	WDR/BLC/OFF	DWDR/BLC/HLC/Global	WDR/BLC/OFF	DWDR/BLC/HLC/Global
DNR	2D	2D	2D	2D	3D [Level 1 to 10]	2D
Functions	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR	PIR detection, Flashing Light Alarm, Brightness, Contrast, Sharpness, Saturation, DNR, Mirror	Brightness, Sharpness, Mirror, Smart IR	PIR detection, Flashing Light Alarm, Brightness, Contrast, Sharpness, Saturation, DNR, Mirror	Brightness, Sharpness, Mirror, Smart IR
Protection Level	IP67	IP67	IP67	IP67	IP67	IP67
Alarm I/O	1 alarm out	1 alarm out	-	1 alarm out	-	1 alarm out
Power	12 VDC ± 25%	12 VDC ± 25%	12 VDC ± 25%	12 VDC ± 25%	12 VDC ± 25%	12 VDC ± 25%

Model	DS-2CE71D8T-PIRL	DS-2CE71D8T-PIRLO	DS-2CE12D8T-PIRL	DS-2CE12D8T-PIRLO	DS-2CE11H0T-PIRL
Image	 PIR Detection & Light Alarm	 PIR Detection & Light Alarm	 PIR Detection & Light Alarm	 PIR Detection & Light Alarm	 PIR Detection & Light Alarm
Description	2 MP Ultra-Low-Light PIR Turret Camera	2 MP Ultra-Low-Light PIR Turret Camera	2 MP Ultra-Low-Light PIR Bullet Camera	2 MP Ultra-Low-Light PIR Bullet Camera	5 MP PIR Bullet Camera
Lens	2.8 mm, 3.6 mm fixed lens	2.8 mm, 3.6 mm fixed lens	2.8 mm, 3.6 mm fixed lens	2.8 mm, 3.6 mm fixed lens	2.8 mm, 3.6 mm fixed lens
Min. Illumination	Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR	0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR	0.003 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR
FOV	Horizontal Field of View 103.5° [2.8 mm], 82.6° [3.6 mm]	103.5° [2.8 mm], 79.1° [3.6 mm]	Horizontal Field of View 103.5° [2.8 mm], 82.6° [3.6 mm]	103.5° [2.8 mm], 79.1° [3.6 mm]	85.5° [2.8 mm], 80.1° [3.6 mm]
Angle Adjustment	Pan: 0° to 360°, Tilt: 0° to 75°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 75°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 180°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 180°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 180°, Rotate: 0° to 360°
Day & Night	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter
WDR	> 130 dB	130 dB	> 130 dB	130 dB	DWDR
Max. IR Range (meters)	Up to 20 m	Up to 20 m	Up to 20 m	Up to 20 m	Up to 20 m
HD Video Output	1 HD Analog Output	1 HD Analog Output	1 HD Analog Output	1 HD Analog Output	1 HD Analog Output
CVBS Output	-	-	-	-	-
D/N Mode	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)
White Balance	ATW/MANUAL	Auto/Manual	ATW/MANUAL	Auto/Manual	Auto/Manual
BLC	WDR/BLC/OFF	WDR/BLC/HLC/Global	WDR/BLC/OFF	WDR/BLC/HLC/Global	WDR/BLC/OFF
DNR	3D [Level 1 to 10]	3D	3D [Level 1 to 10]	3D	2D
Functions	PIR detection, Flashing Light Alarm, Brightness, Contrast, Sharpness, Saturation, DNR, Mirror	Brightness, Sharpness, Mirror, Smart IR	PIR detection, Flashing Light Alarm, Brightness, Contrast, Sharpness, Saturation, DNR, Mirror	Brightness, Sharpness, Mirror, Smart IR	PIR detection, Flashing Light Alarm, Brightness, Contrast, Sharpness, Saturation, DNR, Mirror
Protection Level	IP67	IP67	IP67	IP67	IP67
Alarm I/O	-	1 alarm out	-	1 alarm out	-
Power	12 VDC ±25%	12 VDC ± 25%	12 VDC ±25%	12 VDC ± 25%	12 VDC ±25%

Model	DS-2CE11HOT-PIRLP	DS-2CE11HOT-PIRLO	DS-2CE11HOT-PIRLPO	DS-2CE71HOT-PIRL	DS-2CE71HOT-PIRLO
Image	 PIR Detection & Light Alarm	 PIR Detection & Light Alarm	 PIR Detection & Light Alarm	 PIR Detection & Light Alarm	 PIR Detection & Light Alarm
Description	5 MP PIR Bullet Camera	5 MP PIR Bullet Camera	5 MP PIR Bullet Camera	5 MP PIR Turret Camera	5 MP PIR Turret Camera
Lens	2.8 mm, 3.6 mm fixed lens	2.8 mm, 3.6 mm fixed lens	2.8 mm, 3.6 mm fixed lens	2.8 mm, 3.6 mm fixed lens	2.8 mm, 3.6 mm fixed lens
Min. Illumination	0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR
FOV	85.5° (2.8 mm), 80.1° (3.6 mm)	85.5° (2.8 mm), 80.1° (3.6 mm)	85.5° (2.8 mm), 80.1° (3.6 mm)	85.5° (2.8 mm), 80.1° (3.6 mm)	85.5° (2.8 mm), 80.1° (3.6 mm)
Angle Adjustment	Pan: 0° to 360°, Tilt: 0° to 180°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 180°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 180°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 75°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 75°, Rotate: 0° to 360°
Day & Night	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter
WDR	DWDR	DWDR	DWDR	DWDR	DWDR
Max. IR Range (meters)	Up to 20 m	Up to 20 m	Up to 20 m	Up to 20 m	Up to 20 m
HD Video Output	1 HD Analog Output	1 HD Analog Output	1 HD Analog Output	1 HD Analog Output	1 HD Analog Output
CVBS Output	-	-	-	-	-
D/N Mode	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)
White Balance	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual
BLC	DWDR/BLC/HLC/Global	DWDR/BLC/HLC/Global	DWDR/BLC/HLC/Global	WDR/BLC/OFF	DWDR/BLC/HLC/Global
DNR	2D	2D	2D	2D	2D
Functions	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR	PIR detection, Flashing Light Alarm, Brightness, Contrast, Sharpness, Saturation, DNR, Mirror	Brightness, Sharpness, Mirror, Smart IR
Protection Level	IP67	IP67	IP67	IP67	IP67
Alarm I/O	-	1 alarm out	1 alarm out	-	1 alarm out
Power	12 VDC ± 25%	12 VDC ± 25%	12 VDC ± 25%	12 VDC ± 25%	12 VDC ± 25%

Model	DS-2CE71HOT-PIRLPO	DS-2CE71HOT-PIRLP	DS-2CE12HOT-PIRL	DS-2CE12HOT-PIRLO	DS-2CE12D0T-PIRXF
Image					
PIR Detection & Light Alarm	PIR Detection & Light Alarm	PIR Detection & Light Alarm	PIR Detection & Light Alarm	PIR Detection & Light Alarm	PIR detection & strobe light alarm & audible alarm
Description	5 MP PIR Turret Camera	5 MP PIR Turret Camera	5 MP PIR Bullet Camera	5 MP PIR Bullet Camera	2 MP PIR Bullet Camera
Lens	2.8 mm, 3.6 mm fixed lens	2.8 mm, 3.6 mm fixed lens	2.8 mm, 3.6 mm fixed lens	2.8 mm, 3.6 mm fixed lens	2.8 mm, 3.6 mm 6 mm fixed lens
Min. Illumination	0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	Color: 0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR
FOV	85.5° [2.8 mm], 80.1° [3.6 mm]	85.5° [2.8 mm], 80.1° [3.6 mm]	85.5° [2.8 mm], 80.1° [3.6 mm]	85.5° [2.8 mm], 80.1° [3.6 mm]	2.8 mm, horizontal FOV: 106°, vertical FOV: 57°, diagonal FOV: 124° 3.6 mm, horizontal FOV: 81°, vertical FOV: 43°, diagonal FOV: 96° 6 mm, horizontal FOV: 51°, vertical FOV: 29°, diagonal FOV: 58°
Angle Adjustment	Pan: 0° to 360°, Tilt: 0° to 75°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 75°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 180°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 180°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 90°, Rotate: 0° to 360°
Day & Night	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter
WDR	DWDR	DWDR	DWDR	DWDR	DWDR
Max. IR Range (meters)	Up to 20 m	Up to 20 m	Up to 20 m	Up to 20 m	Up to 40 m
HD Video Output	1 HD Analog Output	1 HD Analog Output	1 HD Analog Output	1 HD Analog Output	Switchable TVI/AHD/CVI/CVBS
CVBS Output	-	-	-	-	-
D/N Mode	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)
White Balance	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual
BLC	DWDR/BLC/HLC/Global	DWDR/BLC/HLC/Global	WDR/BLC/OFF	DWDR/BLC/HLC/Global	-
DNR	2D	2D	2D	2D	2D
Functions	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR	PIR detection, Flashing Light Alarm, Brightness, Contrast, Sharpness, Saturation, DNR, Mirror	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR
Protection Level	IP67	IP67	IP67	IP67	IP67
Alarm I/O	1 alarm out	-	-	1 alarm out	-
Power	12 VDC ± 25%	12 VDC ± 25%	12 VDC ± 25%	12 VDC ± 25%	12 VDC ± 25%

Model	DS-2CE72D0T-PIRXF	DS-2CE12DFT-PIRXOF28 (2.8mm)	DS-2CE12DFT-PIRXOF	DS-2CE72DFT-PIRXOF28 (2.8mm)	DS-2CE72DFT-PIRXOF
Image					
	PIR detection & strobe light alarm & audible alarm	PIR detection & strobe light alarm & audible alarm	PIR detection & strobe light alarm & audible alarm	PIR detection & strobe light alarm & audible alarm	PIR detection & strobe light alarm & audible alarm
Description	2 MP PIR Turret Camera	2 MP PIR Bullet Camera	2 MP PIR Bullet Camera	2 MP PIR Turret Camera	2 MP PIR Turret Camera
Lens	2.8 mm, 3.6 mm 6 mm lens	2.8 mm fixed lens	3.6 mm 6 mm fixed lens	2.8 mm fixed lens	3.6 mm 6 mm fixed lens
Min. Illumination	0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	0.0005 Lux @ [F1.0, AGC ON], 0 Lux with IR	0.0005 Lux @ [F1.0, AGC ON], 0 Lux with IR	0.0005 Lux @ [F1.0, AGC ON], 0 Lux with IR	0.0005 Lux @ [F1.0, AGC ON], 0 Lux with IR
FOV	2.8 mm, horizontal FOV: 106°, vertical FOV: 57°, diagonal FOV: 124° 3.6 mm, horizontal FOV: 81°, vertical FOV: 43°, diagonal FOV: 96° 6 mm, horizontal FOV: 51°, vertical FOV: 29°, diagonal FOV: 58°	2.8 mm, horizontal FOV: 104°, vertical FOV: 54°, diagonal FOV: 126	3.6 mm, horizontal FOV: 83.0°, vertical FOV: 44.4°, diagonal FOV: 98.0° 6 mm, horizontal FOV: 51.0°, vertical FOV: 28.5°, diagonal FOV: 58.7°	2.8 mm, horizontal FOV: 104°, vertical FOV: 54°, diagonal FOV: 126	3.6 mm, horizontal FOV: 83.0°, vertical FOV: 44.4°, diagonal FOV: 98.0° 6 mm, horizontal FOV: 51.0°, vertical FOV: 28.5°, diagonal FOV: 58.7°
Angle Adjustment	Pan: 0° to 360°, Tilt: 0° to 75°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 90°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 90°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 75°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 75°, Rotate: 0° to 360°
Day & Night	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter
WDR	DWDR	>130dB	>130dB	>130dB	>130dB
Max. IR Range (meters)	Up to 20 m	Up to 40 m white light distance	Up to 40 m white light distance	Up to 20 m white light distance	Up to 20 m white light distance
HD Video Output	Switchable TVI/AHD/CVI/CVBS	Switchable TVI/AHD/CVI/CVBS	Switchable TVI/AHD/CVI/CVBS	Switchable TVI/AHD/CVI/CVBS	Switchable TVI/AHD/CVI/CVBS
CVBS Output	-	-	-	-	-
D/N Mode	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)	Auto/Color/BW (Black and White)
White Balance	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual
BLC	-	-	-	-	-
DNR	2D	3D DNR/ 2D DNR	3D DNR/ 2D DNR	3D DNR/ 2D DNR	3D DNR/ 2D DNR
Functions	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart Light, Defective Pixel Correction	Brightness, Sharpness, Mirror, Smart Light, Defective Pixel Correction	Brightness, Sharpness, Mirror, Smart Light, Defective Pixel Correction	Brightness, Sharpness, Mirror, Smart Light, Defective Pixel Correction
Protection Level	IP67	IP67	IP67	IP67	IP67
Alarm I/O	-	1 alarm out	1 alarm out	1 alarm out	1 alarm out
Power	12 VDC ± 25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%

Turbo HD Cameras

Special Series

Hikvision fisheye camera has built-in microphone and able to capture high quality images with wide angle. Pinhole camera is applicable for ATM machine and has excellent night performance in environments with dim light.

- 120 dB True WDR
- Ultra-low-light night vision
- EXIR 2.0
- Built-in microphone



Fisheye		Pinhole	
Model	DS-2CC52H1T-FITS	Model	DS-2CS54C8T-PH
Image		Image	
Description	HD 5 MP IR Fisheye Camera	Description	1 MP WDR Covert Camera
Lens	1.1 mm	Lens	2.8 mm fixed focal lens
Min. Illumination	0.01 Lux @ [F1.2, AGC ON], 0 Lux with IR	Min. Illumination	Color: 0.005 Lux @ [F1.2, AGC ON]
FOV	186°	FOV	88.6°
Angle Adjustment	Pan: 0°~30°; Tilt: 0°; Rotate: 0°	Angle Adjustment	-
Day & Night	ICR	Day & Night	Electronic
WDR	DWDR	WDR	> 120 dB
Max. IR Range	Up to 20 m	Max. IR Range (meters)	-
HD Video Output	1-ch BNC Output	HD Video Output	1 HD analog output/ * The adapter is required only when extending the cable.
CVBS Output	-	CVBS Output	1 CVBS output (75Ω/BNC)
D/N Mode	Color/BW/AUTO	D/N Mode	Auto/Color/BW (Black and White)
White Balance	-	White Balance	ATW/MANUAL
BLC	-	BLC	WDR/BLC/WDR
DNR	2D	DNR	Level 1 to 10
Functions	Brightness, Contrast, Saturation	Functions	Contrast, Brightness, Sharpness, Mirror
Protection Level	-	Protection Level	-
Alarm I/O	-	Alarm I/O	-
Power	12 VDC±15%	Power	12 V DC ±20%

Turbo HD PTZ Cameras

055 AE7

056 AE5

057 AE4



Turbo HD PTZ Cameras

More Options, Better Compatibility

Turbo HD PTZ Camera captures high quality images even in poorly lit environments. With the embedded CMOS chip, WDR and real-time 1920 x 1080 resolution becomes possible. The speed domes feature wide compatibility thanks to the 4-in-1 video output.

- Up to 1920 x 1080 resolution
- 120 dB WDR
- 4-in-1 video output: 1 BNC, 4 switchable video outputs for TVI / AHD / CVI / CVBS
- More options for zoom ratio – 32x / 25x / 15x
- Minimum illumination
 - Color: 0.005 Lux @ F1.6
 - AGC on B/W: 0.001 Lux @ F1.6
 - AGC on IR: 0 Lux



Model	DS-2AE7225TI-A	DS-2AE7232TI-A
Image		
Description	1/2.8" HD progressive scan CMOS 1920 × 1080 resolution 25× optical zoom, 16× digital zoom 120 dB true WDR (Wide Dynamic Range) Up to 150 m IR distance 3D intelligent positioning Switchable TVI/AHD/CVI/CVBS video outputs	1/2.8" HD progressive scan CMOS 1920 × 1080 resolution 32× optical zoom, 16× digital zoom 120 dB true WDR (Wide Dynamic Range) Up to 150 m IR distance 3D intelligent positioning Switchable TVI/AHD/CVI/CVBS video outputs
Lens	4.8 mm to 120 mm, 25× Optical	4.8 mm to 153 mm, 32× Optical
Min. Illumination	Color: 0.005 Lux @ [F1.6, AGC ON]	Color: 0.005 Lux @ [F1.2, AGC ON]
Angle Adjustment	57.6° to 2.5° (wide-tele)	54.2° to 1.97° (wide-tele)
Day & Night	ICR	ICR
WDR	≥ 120 dB	≥ 120 dB
Max. IR Range	Up to 150 m	Up to 150 m
HD Video Output	Switchable TVI/AHD/CVI/CVBS video output, (NTSC or PAL composite, BNC)	Switchable TVI/AHD/CVI/CVBS video output, (NTSC or PAL composite, BNC)
White Balance	AUTO/MANUAL/HAUTO/ATW/INDOOR/OUTDOOR	AUTO/MANUAL/HAUTO/ATW/INDOOR/OUTDOOR
BLC	Support	Support
3D DNR	Support	Support
UTC Functions	UTC protocol (or HIKVISION-C protocol in previous DVR)	UTC protocol (or HIKVISION-C protocol in previous DVR)
Protection Level	IP66 standard (outdoor dome) TVS 4,000 V lightning protection, surge protection and voltage transient protection IK10 (excluding glass window)	IP66 standard (outdoor dome) TVS 4,000 V lightning protection, surge protection and voltage transient protection IK10 (excluding glass window)
Alarm I/O	-	-
Power	24 VAC Max.: 40 W [Max. 14 W for IR]	24 VAC Max.: 40 W [Max. 14 W for IR]

Model	DS-2AE5225T-A	DS-2AE5232T-A	DS-2AE5225T-A3	DS-2AE5232T-A3	DS-2AE5225TI-A	DS-2AE5232TI-A
Image						
Description	1/2.8" HD progressive scan CMOS 1920 × 1080 resolution 25× optical zoom, 16× digital zoom 120 dB true WDR (Wide Dynamic Range) 3D intelligent positioning Switchable TVI/AHD/CVI/CVBS video outputs	1/2.8" HD progressive scan CMOS 1920 × 1080 resolution 32× optical zoom, 16× digital zoom 120 dB true WDR (Wide Dynamic Range) 3D intelligent positioning Switchable TVI/AHD/CVI/CVBS video outputs	1/2.8" HD progressive scan CMOS 1920 × 1080 resolution 25× optical zoom, 16× digital zoom 120 dB true WDR (Wide Dynamic Range) 3D intelligent positioning Switchable TVI/AHD/CVI/CVBS video outputs	1/2.8" HD progressive scan CMOS 1920 × 1080 resolution 32× optical zoom, 16× digital zoom 120 dB true WDR (Wide Dynamic Range) 3D intelligent positioning Switchable TVI/AHD/CVI/CVBS video outputs	1/2.8" HD progressive scan CMOS 1920 × 1080 resolution 25× optical zoom, 16× digital zoom 120 dB true WDR (Wide Dynamic Range) Up to 150 m IR distance 3D intelligent positioning Switchable TVI/AHD/CVI/CVBS video outputs	1/2.8" HD progressive scan CMOS 1920 × 1080 resolution 32× optical zoom, 16× digital zoom 120 dB true WDR (Wide Dynamic Range) Up to 150 m IR distance 3D intelligent positioning Switchable TVI/AHD/CVI/CVBS video outputs
Lens	4.8 mm to 120 mm, 25× Optical	4.8 mm to 153 mm, 32× Optical	4.8 mm to 120 mm, 25× Optical	4.8 mm to 153 mm, 32× Optical	4.8 mm to 120 mm, 25× Optical	4.8 mm to 153 mm, 32× Optical
Min. Illumination	Color: 0.005 Lux @ [F1.6, AGC ON]	Color: 0.005 Lux @ [F1.2, AGC ON]	Color: 0.005 Lux @ [F1.6, AGC ON]	Color: 0.005 Lux @ [F1.2, AGC ON]	Color: 0.005 Lux @ [F1.6, AGC ON]	Color: 0.005 Lux @ [F1.2, AGC ON]
Angle Adjustment	57.6° to 2.5° (wide-tele)	55.6° to 2.04° (wide-tele)	57.6° to 2.5° (wide-tele)	55.6° to 2.04° (wide-tele)	57.6° to 2.5° (wide to tele)	55.6° to 2.04° (wide to tele)
Day & Night	ICR	ICR	ICR	ICR	ICR	ICR
WDR	≥ 120 dB	≥ 120 dB				
Max. IR Range	-	-	-	-	Up to 150 m	Up to 150 m
HD Video Output	Switchable TVI/AHD/CVI/CVBS video output, (NTSC or PAL composite, BNC)	Switchable TVI/AHD/CVI/CVBS video output, (NTSC or PAL composite, BNC)	Switchable TVI/AHD/CVI/CVBS video output, (NTSC or PAL composite, BNC)	Switchable TVI/AHD/CVI/CVBS video output, (NTSC or PAL composite, BNC)	Switchable TVI/AHD/CVI/CVBS video output, (NTSC or PAL composite, BNC)	Switchable TVI/AHD/CVI/CVBS video output, (NTSC or PAL composite, BNC)
White Balance	AUTO/MANUAL/HAUTO/ATW/INDOOR/OUTDOOR	AUTO/MANUAL/HAUTO/ATW/INDOOR/OUTDOOR	AUTO/MANUAL/HAUTO/ATW/INDOOR/OUTDOOR	AUTO/MANUAL/HAUTO/ATW/INDOOR/OUTDOOR	AUTO/MANUAL/HAUTO/ATW/INDOOR/OUTDOOR	AUTO/MANUAL/HAUTO/ATW/INDOOR/OUTDOOR
BLC	Support	Support	Support	Support	Support	Support
3D DNR	Support	Support	Support	Support	Support	Support
UTC Functions	UTC protocol (or HIKVISION-C protocol in previous DVR)	UTC protocol (or HIKVISION-C protocol in previous DVR)	UTC protocol (or HIKVISION-C protocol in previous DVR)	UTC protocol (or HIKVISION-C protocol in previous DVR)	UTC protocol (or HIKVISION-C protocol in previous DVR)	UTC protocol (or HIKVISION-C protocol in previous DVR)
Protection Level	IP66 standard (outdoor dome) TVS 4,000 V lightning protection, surge protection and voltage transient protection, IK10	IP66 standard (outdoor dome) TVS 4,000 V lightning protection, surge protection and voltage transient protection, IK10	TVS 4,000 V lightning protection, surge protection and voltage transient protection	TVS 4,000 V lightning protection, surge protection and voltage transient protection	IP66 standard (outdoor dome) TVS 4,000 V lightning protection, surge protection and voltage transient protection	IP66 standard (outdoor dome) TVS 4,000 V lightning protection, surge protection and voltage transient protection
Alarm I/O	2/1	2/1	2/1	2/1	2/1	2/1
Power	24 VAC Max.: 24 W	24 VAC Max.: 24 W	24 VAC Max.: 18 W	24 VAC Max.: 18 W	24 VAC Max.: 30 W (Max. 10 W for IR)	24 VAC Max.: 30 W (Max. 10 W for IR)

Model	DS-2AE4215T-D	DS-2AE4225T-D	DS-2AE4215T-D3	DS-2AE4225T-D3	DS-2AE4215TI-D	DS-2AE4225TI-D
Image						
Description	1/2.8" HD progressive scan CMOS 1920 × 1080 15 × optical zoom, 16× digital zoom 120 dB true WDR (Wide Dynamic Range) 3D intelligent positioning Switchable TVI/AHD/CVI/CVBS video outputs	1/2.8" HD progressive scan CMOS 1920 × 1080 resolution 25× optical zoom, 16× digital zoom 120 dB true WDR (Wide Dynamic Range) 3D intelligent positioning Switchable TVI/AHD/CVI/CVBS video outputs	1/2.8" HD progressive scan CMOS 1920 × 1080 15 × optical zoom, 16× digital zoom 120 dB true WDR (Wide Dynamic Range) 3D intelligent positioning Switchable TVI/AHD/CVI/CVBS video outputs	1/2.8" HD progressive scan CMOS 1920 × 1080 resolution 25× optical zoom, 16× digital zoom 120 dB true WDR (Wide Dynamic Range) 3D intelligent positioning Switchable TVI/AHD/CVI/CVBS video outputs	1/2.8" HD progressive scan CMOS 1920 × 1080 resolution 15× optical zoom, 16× digital zoom 120 dB True WDR (Wide Dynamic Range) Up to 100 m IR distance 3D intelligent positioning Switchable Turbo HD and CVBS outputs	1/2.8" HD progressive scan CMOS 1920 × 1080 resolution 25× optical zoom, 120 dB true WDR (Wide Dynamic Range) Up to 100 m IR distance 3D intelligent positioning Switchable TVI/AHD/CVI/CVBS video outputs
Lens	5 mm to 75 mm, 15× Optical	4.8 mm to 120 mm, 25× Optical	5 mm to 75 mm, 15× Optical	4.8 mm to 120 mm, 25× Optical	5 mm to 75 mm, 15× Optical	4.8 mm to 120 mm, 25× Optical
Min. Illumination	Color: 0.005 Lux @ [F1.6, AGC ON]	Color: 0.005 Lux @ [F1.6, AGC ON]	Color: 0.005 Lux @ [F1.6, AGC ON]	Color: 0.005 Lux @ [F1.6, AGC ON]	Color: 0.005 Lux @ [F1.6, AGC ON]	Color: 0.005 Lux @ [F1.6, AGC ON]
Angle Adjustment	53.8° to 4.0° (wide-tele)	57.6° to 2.5° (wide-tele)	53.8° to 4.0° (wide-tele)	57.6° to 2.5° (wide-tele)	53.8° to 4.0° (wide-tele)	57.6° to 2.5° (wide-tele)
Day & Night	ICR	ICR	ICR	ICR	ICR	ICR
WDR	≥ 120 dB	≥ 120 dB	≥ 120 dB	≥ 120 dB	≥ 120 dB	≥ 120 dB
Max. IR Range	-	-	-	-	Up to 100 m	Up to 100 m
HD Video Output	Switchable TVI/AHD/CVI/CVBS video output, (NTSC or PAL composite, BNC)	Switchable TVI/AHD/CVI/CVBS video output, (NTSC or PAL composite, BNC)	Switchable TVI/AHD/CVI/CVBS video output, (NTSC or PAL composite, BNC)	Switchable TVI/AHD/CVI/CVBS video output, (NTSC or PAL composite, BNC)	Switchable TVI/AHD/CVI/CVBS video output, (NTSC or PAL composite, BNC)	Switchable TVI/AHD/CVI/CVBS video output, (NTSC or PAL composite, BNC)
White Balance	AUTO/MANUAL/HAUTO/ATW/INDOOR/OUTDOOR	AUTO/MANUAL/HAUTO/ATW/INDOOR/OUTDOOR	AUTO/MANUAL/HAUTO/ATW/INDOOR/OUTDOOR	AUTO/MANUAL/HAUTO/ATW/INDOOR/OUTDOOR	AUTO/MANUAL/HAUTO/ATW/INDOOR/OUTDOOR	AUTO/MANUAL/HAUTO/ATW/INDOOR/OUTDOOR
BLC	Support	Support	Support	Support	Support	Support
3D DNR	Support	Support	Support	Support	Support	Support
UTC Functions	UTC protocol (or HIKVISION-C protocol in previous DVR)	UTC protocol (or HIKVISION-C protocol in previous DVR)	UTC protocol (or HIKVISION-C protocol in previous DVR)	UTC protocol (or HIKVISION-C protocol in previous DVR)	UTC protocol (or HIKVISION-C protocol in previous DVR)	UTC protocol (or HIKVISION-C protocol in previous DVR)
Protection Level	IP66 standard (outdoor dome) TVS 4,000 V lightning protection, surge protection and voltage transient protection	IP66 standard (outdoor dome) TVS 4,000 V lightning protection, surge protection and voltage transient protection	TVS 4,000 V lightning protection, surge protection and voltage transient protection	TVS 4,000 V lightning protection, surge protection and voltage transient protection	IP66 standard (outdoor dome) TVS 4,000 V lightning protection, surge protection and voltage transient protection	IP66 standard (outdoor dome) TVS 4,000 V lightning protection, surge protection and voltage transient protection
Alarm I/O	2/1	2/1	2/1	2/1	-	-
Power	12 VDC Max.: 16 W	12 VDC Max.: 16 W	12 VDC Max.: 12 W	12 VDC Max.: 12 W	12 VDC Max.: 20 W (Max. 7 W for IR)	12 VDC Max.: 20 W (Max. 7 W for IR)

Turbo HD Camera
 PTZ Camera
 Turbo HD DVRs
 Encoder
 Network Camera
 PTZ Dome Camera
 Panoramic Camera
 NVR
 KIT
 Thermal Monitor
 Switch
 Cable
 Controller & Transmission
 Accessories
 DORI Distance

DVR

059 Ultra Series

063 Pro Series

073 Value Series

076 Hikvision AcuSense Series

081 Special Series



Turbo HD DVRs

Ultra Series

With excellent performance, the Ultra Series DVRs can accommodate up to 32 channels of analog cameras. Ultra Series DVRs have strong hybrid access capability. The 8 SATA interfaces are useful for users who require larger storage space.

- Ultra HD
- H.265 Pro+ / H.265 Pro / H.265
- Adaptive signal input (five types: HDTVI / AHD / CVI / CVBS / IP)
- Enhanced network camera access capability
- Line crossing detection / intrusion detection / sudden scene change detection



Model	DS-8108HQHI-K8	DS-8116HQHI-K8	DS-8124HQHI-K8	DS-8132HQHI-K8
Image				
Video Compression	H.265Pro+/H.265Pro/H.265/H.264+/H.264	H.265Pro+/H.265Pro/H.265/H.264+/H.264	H.265Pro+/H.265Pro/H.265/H.264+/H.264	H.265Pro+/H.265Pro/H.265/H.264+/H.264
Analog Video-Audio Input	8-ch	16-ch	24-ch	32-ch
IP Video Input	4-ch [Up to 12-ch], Up to 6 MP	8-ch [Up to 24-ch], Up to 6 MP	16-ch [Up to 40-ch], Up to 6 MP	16-ch [Up to 48-ch], Up to 6 MP
Audio Input	8-ch, RCA [2.0 Vp-p, 1 kΩ]	16-ch, RCA [2.0 Vp-p, 1 kΩ]	16-ch, RCA [2.0 Vp-p, 1 kΩ]	16-ch, RCA [2.0 Vp-p, 1 kΩ]
HDMI / VGA Output	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
HDMI2 Output	1-ch, 4K [3840 × 2160]/30Hz, 2K [2560 × 1440]/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 4K [3840 × 2160]/30Hz, 2K [2560 × 1440]/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 4K [3840 × 2160]/30Hz, 2K [2560 × 1440]/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 4K [3840 × 2160]/30Hz, 2K [2560 × 1440]/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
CVBS Output	1-ch, BNC [1.0 Vp-p, 75 Ω], resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC [1.0 Vp-p, 75 Ω], resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC [1.0 Vp-p, 75 Ω], resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC [1.0 Vp-p, 75 Ω], resolution: PAL: 704 × 576, NTSC: 704 × 480
Audio Output	2-ch, RCA [Linear, 1 kΩ]			
Encoding Capability	Main stream: When 1080p Lite mode not enabled: For 4 MP stream access: 4 MP lite@15fps; 1080p lite/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) For 3 MP stream access: 3 MP/1080p/720p/WD1/4CIF/VGA/CIF@15fps For 1080p stream access: 1080p/720p@15fps; 720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) For 720p stream access: 720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) When 1080p Lite mode enabled: For 4 MP stream access: 4 MP lite@15fps; 1080p lite/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) For 3 MP stream access: 3 MP/1080p/720p/WD1/4CIF/VGA/CIF@15fps For 1080p stream access: 1080p/720p@15fps; 720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) For 720p stream access: 720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) Sub-stream: WD1/4CIF@12fps; CIF@25fps (P)/30fps (N)	Main stream: When 1080p Lite mode not enabled: For 4 MP stream access: 4 MP lite@15fps; 1080p lite/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) For 3 MP stream access: 3 MP/1080p/720p/WD1/4CIF/VGA/CIF@15fps For 1080p stream access: 1080p/720p@15fps; 720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) For 720p stream access: 720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) When 1080p Lite mode enabled: For 4 MP stream access: 4 MP lite@15fps; 1080p lite/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) For 3 MP stream access: 3 MP/1080p/720p/WD1/4CIF/VGA/CIF@15fps For 1080p stream access: 1080p/720p@15fps; 720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) For 720p stream access: 720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) Sub-stream: WD1/4CIF@12fps; CIF@25fps (P)/30fps (N)	Main stream: When 1080p Lite mode not enabled: For 4 MP stream access: 4 MP lite@15fps; 1080p lite/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) For 3 MP stream access: 3 MP/1080p/720p/WD1/4CIF/VGA/CIF@15fps For 1080p stream access: 1080p/720p@15fps; 720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) For 720p stream access: 720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) When 1080p Lite mode enabled: For 4 MP stream access: 4 MP lite@15fps; 1080p lite/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) For 3 MP stream access: 3 MP/1080p/720p/WD1/4CIF/VGA/CIF@15fps For 1080p stream access: 1080p/720p@15fps; 720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) For 720p stream access: 720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) Sub-stream: WD1/4CIF@12fps; CIF@25fps (P)/30fps (N)	Main stream: When 1080p Lite mode not enabled: For 4 MP stream access: 4 MP lite@15fps; 1080p lite/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) For 3 MP stream access: 3 MP/1080p/720p/WD1/4CIF/VGA/CIF@15fps For 1080p stream access: 1080p/720p@15fps; 720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) For 720p stream access: 720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) When 1080p Lite mode enabled: For 4 MP stream access: 4 MP lite@15fps; 1080p lite/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) For 3 MP stream access: 3 MP/1080p/720p/WD1/4CIF/VGA/CIF@15fps For 1080p stream access: 1080p/720p@15fps; 720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) For 720p stream access: 720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) Sub-stream: WD1/4CIF@12fps; CIF@25fps (P)/30fps (N)
SATA Capacity	8 SATA interfaces Up to 10 TB capacity for each disk	8 SATA interfaces Up to 10 TB capacity for each disk	8 SATA interfaces Up to 10 TB capacity for each disk	8 SATA interfaces Up to 10 TB capacity for each disk
Array Type	-	-	-	-
Network Interface	2, RJ45 10M/100M/1000M self-adaptive Ethernet interface	2, RJ45 10M/100M/1000M self-adaptive Ethernet interface	2, RJ45 10M/100M/1000M self-adaptive Ethernet interface	2, RJ45 10M/100M/1000M self-adaptive Ethernet interface
Serial Interface	RS-232, RS-485 [full-duplex], Keyboard			
USB Port	2 × USB 2.0, 1 × USB 3.0	2 × USB 2.0, 1 × USB 3.0	2 × USB 2.0, 1 × USB 3.0	2 × USB 2.0, 1 × USB 3.0
Smart Function	VCA (Line Crossing, Intrusion Detection) up to 4-ch			
Alarm I/O	16/8	16/8	16/8	16/8
Power	100 to 240 VAC			
Chassis	2U	2U	2U	2U

Model	DS-8108HUHI-K8	DS-8116HUHI-K8	DS-8124HUHI-K8	DS-8132HUHI-K8	DS-9008HUHI-K8	DS-9016HUHI-K8
Image	 HOT	 HOT				 HOT
Video Compression	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264
Analog Video-Audio Input	8-ch	16-ch	24-ch	32-ch	8-ch	16-ch
IP Video Input	8-ch (Up to 16-ch), Up to 8 MP	16-ch (Up to 32-ch), Up to 8MP	16-ch (Up to 40-ch), Up to 8MP	16-ch (Up to 48-ch), Up to 8MP	10-ch (Up to 18-ch), Up to 12MP	18-ch (Up to 34-ch), Up to 12MP
Audio Input	8ch, RCA [2.0 Vp-p, 1 kΩ]	16-ch, RCA [2.0 Vp-p, 1 kΩ]	16-ch, RCA [2.0 Vp-p, 1 kΩ]	16-ch, RCA [2.0 Vp-p, 1 kΩ]	8-ch, RCA [2.0 Vp-p, 1 kΩ]	16-ch, RCA [2.0 Vp-p, 1 kΩ]
HDMI / VGA Output	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
HDMI2 Output	1-ch, 4K [3840 × 2160]/30Hz, 2K [2560 × 1440]/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1024 × 768/60Hz	1-ch, 4K [3840 × 2160]/30Hz, 2K [2560 × 1440]/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 4K [3840 × 2160]/30Hz, 2K [2560 × 1440]/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 4K [3840 × 2160]/30Hz, 2K [2560 × 1440]/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 4K [3840 × 2160]/30Hz, 2K [2560 × 1440]/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 4K [3840 × 2160]/30Hz, 2K [2560 × 1440]/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
CVBS Output	1-ch, BNC [1.0 Vp-p, 75 Ω], resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC [1.0 Vp-p, 75 Ω], resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC [1.0 Vp-p, 75 Ω], resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC [1.0 Vp-p, 75 Ω], resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC [1.0 Vp-p, 75 Ω], resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC [1.0 Vp-p, 75 Ω], resolution: PAL: 704 × 576, NTSC: 704 × 480
Audio Output	2-ch, RCA [Linear, 1 kΩ]	2-ch, RCA [Linear, 1 kΩ]	2-ch, RCA [Linear, 1 kΩ]	2-ch, RCA [Linear, 1 kΩ]	2-ch, RCA [Linear, 1 kΩ]	2-ch, RCA [Linear, 1 kΩ]
Encoding Capability	Main stream: 8 MP@8fps; 5 MP@12fps; 4 MP@15fps; 3 MP@18fps; 1080p/720p/WD1/4CIF/VGA/CIF@25fps [P]/30fps [N] Sub-stream: WD1/4CIF/CIF@25fps [P]/30fps [N]	Main stream: 8 MP@8fps; 5 MP@12fps; 4 MP@15fps; 3 MP@18fps; 1080p/720p/WD1/4CIF/VGA/CIF@25fps [P]/30fps [N] Sub-stream: WD1/4CIF/CIF@25fps [P]/30fps [N]	Main stream: 8MP@8fps; 5 MP@12fps; 4 MP@15fps; 3 MP@18fps; 1080p/720p/WD1/4CIF/VGA/CIF@25fps [P]/30fps [N] Sub-stream: WD1/4CIF/CIF@25fps [P]/30fps [N]	Main stream: 8MP@8fps; 5 MP@12fps; 4 MP@15fps; 3 MP@18fps; 1080p/720p/WD1/4CIF/VGA/CIF@25fps [P]/30fps [N] Sub-stream: WD1/4CIF/CIF@25fps [P]/30fps [N]	Main stream: 8 MP@8fps; 5 MP@12fps; 4 MP@15fps; 3 MP@18fps; 1080p/720p/WD1/4CIF/VGA/CIF@25fps [P]/30fps [N] Sub-stream: WD1/4CIF/CIF@25fps [P]/30fps [N]	Main stream: 8 MP@8fps; 5 MP@12fps; 4 MP@15fps; 3 MP@18fps; 1080p/720p/WD1/4CIF/VGA/CIF@25fps [P]/30fps [N] Sub-stream: WD1/4CIF/CIF@25fps [P]/30fps [N]
SATA Capacity	8 SATA interface Up to 10 TB capacity for each disk	8SATA interface Up to 10 TB capacity for each disk	8 SATA interfaces Up to 10 TB capacity for each disk	8 SATA interfaces Up to 10 TB capacity for each disk	8 SATA interfaces Up to 10 TB capacity for each disk	8 SATA interfaces Up to 10 TB capacity for each disk
Array Type	RAID 0, RAID 1, RAID 5, RAID 6, RAID 10	RAID 0, RAID 1, RAID 5, RAID 6, RAID 10	RAID 0, RAID 1, RAID 5, RAID 6, RAID 10	RAID 0, RAID 1, RAID 5, RAID 6, RAID 10	RAID 0, RAID 1, RAID 5, RAID 6, RAID 10	RAID 0, RAID 1, RAID 5, RAID 6, RAID 10
Network Interface	2, RJ45 10M/100M/1000M self-adaptive Ethernet interface	2, RJ45 10M/100M/1000M self-adaptive Ethernet interface	2, RJ45 10M/100M/1000M self-adaptive Ethernet interface	2, RJ45 10M/100M/1000M self-adaptive Ethernet interface	2, RJ45 10M/100M/1000M self-adaptive Ethernet interface	2, RJ45 10M/100M/1000M self-adaptive Ethernet interface
Serial Interface	RS-232, RS-485 [full-duplex], Keyboard	RS-232, RS-485 [full-duplex], Keyboard	RS-232, RS-485 [full-duplex], Keyboard	RS-232, RS-485 [full-duplex], Keyboard	RS-232, RS-485 [full-duplex], Keyboard	RS-232, RS-485 [full-duplex], Keyboard
USB Port	2 × USB 2.0, 1 × USB 3.0	2 × USB 2.0, 1 × USB 3.0	2 × USB 2.0, 1 × USB 3.0	2 × USB 2.0, 1 × USB 3.0	2 × USB 2.0, 1 × USB 3.0	2 × USB 2.0, 1 × USB 3.0
Smart Function	VCA (Line Crossing, Intrusion Detection) all channels	VCA (Line Crossing, Intrusion Detection) all channels	VCA (Line Crossing, Intrusion Detection) all channels	VCA (Line Crossing, Intrusion Detection) all channels	VCA (Line Crossing, Intrusion Detection) all channels	VCA (Line Crossing, Intrusion Detection) all channels
Alarm I/O	16/4	16/4	16/8	16/8	16/8	16/8
Power	100 to 240 VAC	100 to 240 VAC	100 to 240 VAC	100 to 240 VAC	100 to 240 VAC	100 to 240 VAC
Chassis	2U	2U	2U	2U	2U	2U

Model	DS-9024HUHI-K8	DS-9032HUHI-K8
Image		
Video Compression	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264
Analog Video-Audio Input	24-ch	32-ch
IP Video Input	24-ch (Up to 48-ch), Up to 12MP	32-ch (Up to 64-ch), Up to 12MP
Audio Input	16-ch, RCA [2.0 Vp-p, 1 kΩ]	16-ch, RCA [2.0 Vp-p, 1 kΩ]
HDMI / VGA Output	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
HDMI2 Output	1-ch, 4K [3840 × 2160]/30Hz, 2K [2560 × 1440]/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 4K [3840 × 2160]/30Hz, 2K [2560 × 1440]/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
CVBS Output	1-ch, BNC [1.0 Vp-p, 75 Ω], resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC [1.0 Vp-p, 75 Ω], resolution: PAL: 704 × 576, NTSC: 704 × 480
Audio Output	2-ch, RCA [Linear, 1 kΩ]	2-ch, RCA [Linear, 1 kΩ]
Encoding Capability	Main stream: 8MP@8fps; 5 MP@12fps; 4 MP@15fps; 3 MP@18fps; 1080p/720p/WD1/4CIF/VGA/CIF@25fps (P) /30fps (N) Sub-stream: WD1/4CIF/CIF@25fps (P) /30fps (N)	Main stream: 8MP@8fps; 5 MP@12fps; 4 MP@15fps; 3 MP@18fps; 1080p/720p/WD1/4CIF/VGA/CIF@25fps (P) /30fps (N) Sub-stream: WD1/4CIF/CIF@25fps (P) /30fps (N)
SATA Capacity	8 SATA interfaces Up to 10 TB capacity for each disk	8 SATA interfaces Up to 10 TB capacity for each disk
Array Type	RAID 0, RAID 1, RAID 5, RAID 6, RAID 10	RAID 0, RAID 1, RAID 5, RAID 6, RAID 10
Network Interface	2, RJ45 10M/100M/1000M self-adaptive Ethernet interface	2, RJ45 10M/100M/1000M self-adaptive Ethernet interface
Serial Interface	RS-232, RS-485 (full-duplex), Keyboard	RS-232, RS-485 (full-duplex), Keyboard
USB Port	2 × USB 2.0, 1 × USB 3.0	2 × USB 2.0, 1 × USB 3.0
Smart Function	VCA (Line Crossing, Intrusion Detection) all channels	VCA (Line Crossing, Intrusion Detection) all channels
Alarm I/O	16/8	16/8
Power	100 to 240 VAC	100 to 240 VAC
Chassis	2U	2U

Model	DS-8116HTHI-K8	DS-9016HTHI-K8
Image		
Video Compression	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264
Analog Video-Audio Input	16-ch	16-ch
IP Video Input	16-ch (Up to 32-ch), Up to 8 MP	18-ch (Up to 34-ch), Up to 12 MP resolution
Audio Input	16-ch, RCA [2.0 Vp-p, 1 kΩ]	16-ch, RCA [2.0 Vp-p, 1 kΩ]
HDMI / VGA Output	2-ch, RCA [Linear, 1 kΩ]	2-ch, RCA [Linear, 1 kΩ]
HDMI2 Output	1-ch, 1920 × 1080/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz	1-ch, 1920 × 1080/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz
CVBS Output	1-ch, 4K [3840 × 2160]/30 Hz, 2K [2560 × 1440]/60 Hz, 1920 × 1080/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz	1-ch, 4K [3840 × 2160]/30 Hz, 2K [2560 × 1440]/60 Hz, 1920 × 1080/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz
Audio Output	1-ch, BNC [1.0 Vp-p, 75 Ω], resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC [1.0 Vp-p, 75 Ω], resolution: PAL: 704 × 576, NTSC: 704 × 480
Encoding Capability	Main stream: 8 MP@12 fps / 5 MP@20 fps; 3 MP@18fps; 4 MP / 1080p / 720p / WD1 / 4CIF / VGA / CIF@25fps (P) /30fps (N) Sub-stream: WD1/4CIF/CIF@25fps (P) /30fps (N)	Main stream: 8 MP@12 fps / 5 MP@20 fps; 3 MP@18fps; 4 MP / 1080p / 720p / WD1 / 4CIF / VGA / CIF@25fps (P) /30fps (N) Sub-stream: WD1 / 4CIF / CIF@25fps (P) / 30fps (N)
SATA Capacity	8 SATA interfaces Up to 10 TB capacity for each disk	8 SATA interfaces Up to 10 TB capacity for each disk
Array Type	RAID 0, RAID1, RAID5, RAID6, RAID10	RAID 0, RAID1, RAID5, RAID6, RAID10
Network Interface	2, RJ45 10M/100M/1000M self-adaptive Ethernet interface	2, RJ45 10M/100M/1000M self-adaptive Ethernet interface
Serial Interface	RS-232, RS-485 (full-duplex), Keyboard	RS-232, RS-485 (full-duplex), Keyboard
USB Port	2 × USB 2.0, 1 × USB 3.0	2 × USB 2.0, 1 × USB 3.0
Smart Function	VCA (Line Crossing, Intrusion Detection) all channels	VCA (Line Crossing, Intrusion Detection) all channels
Alarm I/O	16/4	16/8
Power	100 to 240 VAC	100 to 240 VAC
Chassis	2U	2U

Turbo HD DVRs

Pro Series

Pro Series DVRs support HD videos, H.265 / H.265 pro+ encoding technology, 4K resolution output, power over coax (PoC), different VCA rules, and more.

- Ultra HD
- H.265 Pro+ / H.265 Pro / H.265
- Adaptive signal input (five types: HDTVI / AHD / CVI / CVBS / IP)
- Enhanced network camera access capability
- Line crossing detection / intrusion detection / sudden scene change detection
- Audio over coaxial
- PoC for easy installation 5-in-1 devices



HD 1080p Lite

Model	DS-7204HGHI-F1	DS-7208HGHI-F1	DS-7216HGHI-F1	DS-7208HGHI-F2	DS-7216HGHI-F2	DS-7208HGHI-F1/N
Image						
	(Coaxial Audio)	(Coaxial Audio)				(Coaxial Audio)
Video Compression	H.264 / H.264+	H.264 / H.264+	H.264 / H.264+	H.264 / H.264+	H.264 / H.264+	H.264 / H.264+
Analog Video-Audio Input	4-ch	8-ch	16-ch	8-ch	16-ch	8-ch
IP Video Input	1-ch[Up to 5-ch],Up to 1080p	2-ch[Up to 10-ch],Up to 1080p	2-ch[Up to 18-ch],Up to 1080p	2-ch[Up to 10-ch],Up to 1080p	2-ch[Up to 18-ch],Up to 1080p	2-ch[Up to 10-ch],Up to 5 MP
Audio Input	1-ch, RCA [2.0 Vp-p, 1 kΩ]	1-ch, RCA [2.0 Vp-p, 1 kΩ]	1-ch, RCA [2.0 Vp-p, 1 kΩ]	1-ch, RCA [2.0 Vp-p, 1 kΩ]	1-ch, RCA [2.0 Vp-p, 1 kΩ]	1-ch, RCA [2.0 Vp-p, 1 kΩ]
HDMI / VGA Output	1-ch, 1920 × 1080/60Hz,1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 1920 × 1080/60Hz,1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 1920 × 1080/60Hz,1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 1920 × 1080/60Hz,1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 1920 × 1080/60Hz,1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 1920 × 1080/60Hz,1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
HDMI2 Output	-	-	-	-	-	-
CVBS Output	-	-	-	-	-	-
Audio Output	1-ch, RCA [Linear, 1kΩ]	1-ch, RCA [Linear, 1kΩ]	1-ch, RCA [Linear, 1kΩ]	1-ch, RCA [Linear, 1kΩ]	1-ch, RCA [Linear, 1kΩ]	1-ch, RCA [Linear, 1kΩ]
Encoding Capability	Main stream: When 1080p Lite mode not enabled: For 720p stream access: 720p/ WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) When 1080p Lite mode enabled: 1080p lite/720p/WD1/4CIF/VGA/ CIF@25fps (P)/30fps (N) Sub-stream: 2CIF@6fps; CIF/QVGA/QCIF@ 25fps (P)/30fps (N)	Main stream: When 1080p Lite mode not enabled: For 720p stream access: 720p/ WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) When 1080p Lite mode enabled: 1080p lite/720p/WD1/4CIF/VGA/ CIF@25fps (P)/30fps (N) Sub-stream: 4CIF/2CIF@6fps; CIF/QVGA/QCIF@25fps (P)/30fps (N)	Main stream: When 1080p Lite mode not enabled: For 720p stream access: 720p/ WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) When 1080p Lite mode enabled: 1080p lite/720p/WD1/4CIF/VGA/ CIF@25fps (P)/30fps (N) Sub-stream: 4CIF/2CIF@6fps; CIF/QVGA/QCIF@25fps (P)/30fps (N)	Main stream: When 1080p Lite mode not enabled: For 720p stream access: 720p/ WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) When 1080p Lite mode enabled: 1080p lite/720p/WD1/4CIF/VGA/ CIF@25fps (P)/30fps (N) Sub-stream: 4CIF/2CIF@6fps; CIF/QVGA/ QCIF@25fps (P)/30fps (N)	Main stream: When 1080p Lite mode not enabled: For 720p stream access: 720p/ WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) When 1080p Lite mode enabled: 1080p lite/720p/WD1/4CIF/VGA/ CIF@25fps (P)/30fps (N) Sub-stream: 4CIF/2CIF@6fps; CIF/QVGA/ QCIF@25fps (P)/30fps (N)	Main stream: When 1080p Lite mode not enabled: 1080p lite/HD 720p lite/WD1/4CIF/ VGA@12fps; CIF@25fps (P)/30fps (N) When 1080p Lite mode not enabled: For 720p stream access: 720p/WD1/4CIF/VGA@12fps; CIF@25fps (P)/30fps (N) Sub-stream: CIF/QVGA/QCIF@25fps (P)/30fps (N) For SD stream access: WD1/4CIF/VGA/CIF@25fps (P)/30fps (N)
SATA Capacity	1 SATA interface Up to 6TB capacity for each disk	1 SATA interface Up to 6TB capacity for each disk	1 SATA interface Up to 6TB capacity for each disk	2 SATA interfaces Up to 6TB capacity for each disk	2 SATA interfaces Up to 6TB capacity for each disk	1 SATA interface Up to 6TB capacity for each disk
Array Type	-	-	-	-	-	-
Network Interface	1, RJ45 10M/100M self-adaptive Ethernet interface	1, RJ45 10M/100M self-adaptive Ethernet interface	1, RJ45 10M/100M self-adaptive Ethernet interface	1, RJ45 10M/100M self-adaptive Ethernet interface	1, RJ45 10M/100M self-adaptive Ethernet interface	1, RJ45 10M/100M self-adaptive Ethernet interface
Serial Interface	-	-	-	-	-	-
USB Port	2 × USB 2.0	2 × USB 2.0	2 × USB 2.0	2 × USB 2.0	2 × USB 2.0	2 × USB 2.0
Smart Function	VCA (Line Crossing, Intrusion Detection) 1-ch	VCA (Line Crossing, Intrusion Detection) 1-ch	VCA (Line Crossing, Intrusion Detection) 1-ch	VCA (Line Crossing, Intrusion Detection) 1-ch	VCA (Line Crossing, Intrusion Detection) 1-ch	VCA (Line Crossing, Intrusion Detection) 1-ch
Alarm I/O	-	-	-	-	-	-
Power	12 VDC	12 VDC	12 VDC	12 VDC	12 VDC	12 VDC
Chassis	1U (260mm)	1U (260mm)	1U (260mm)	1U (380mm)	1U (380mm)	1U (260mm)

Turbo HD Camera	Turbo HD Camera	DVRs	Encoder	Network Camera	PTZ Dome Camera	Panoramic Camera	NVR	KIT	Thermal Monitor	Switch	Cable Transmission	Controller & Accessories	DORI Distance
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Model	DS-7216H6HI-F1/N	DS-7216H6HI-K1	DS-7216H6HI-K2	DS-7224H6HI-K2	DS-7232H6HI-K2
Image		 NEW	 NEW	 NEW	 NEW
Video Compression	H.264 / H.264+	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264
Analog Video-Audio Input	16-ch	16-ch	16-ch	24-ch	32-ch
IP Video Input	2-ch(Up to 18-ch),Up to 5 MP	2-ch (up to 18-ch),Up to 5 MP	2-ch (up to 18-ch),Up to 5 MP	2-ch (up to 18-ch),Up to 5 MP	2-ch (up to 18-ch),Up to 5 MP
Audio Input	1-ch, RCA [2.0 Vp-p, 1 kΩ]	1-ch, RCA [2.0 Vp-p, 1 kΩ] 16-ch via coaxial cable	1-ch, RCA [2.0 Vp-p, 1 kΩ] 16-ch via coaxial cable	1-ch, RCA [2.0 Vp-p, 1 kΩ]	1-ch, RCA [2.0 Vp-p, 1 kΩ]
HDMI / VGA Output	1-ch, 1920 × 1080/60Hz,1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 1920 × 1080/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz	1-ch, 1920 × 1080/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz	1-ch, 1920 × 1080/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz	1-ch, 1920 × 1080/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz
HDMI2 Output	-	-	-	-	-
CVBS Output	-	-	-	1-ch, BNC [1.0 Vp-p, 75 Ω],resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC [1.0 Vp-p, 75 Ω],resolution: PAL: 704 × 576, NTSC: 704 × 480
Audio Output	1-ch, RCA [Linear, 1 kΩ]	1-ch, RCA [Linear, 1 kΩ]	1-ch, RCA [Linear, 1 kΩ]	1-ch, RCA [Linear, 1 kΩ]	1-ch, RCA [Linear, 1 kΩ]
Encoding Capability	Main stream: When 1080p lite mode enabled: 1080p lite/HD 720p lite/WD1/4CIF/VGA@12fps; CIF@25fps (P)/30fps (N) When 1080p lite mode not enabled: For 720p stream access: 720p/WD1/4CIF/VGA@12fps; CIF@25fps (P)/30fps (N) Sub-stream: CIF/QVGA/QCIF@25fps (P)/30fps (N) For SD stream access: WD1/4CIF/VGA/CIF@25fps (P)/30fps (N)	Main stream: For 1080p stream access: 1080p lite/720p lite/WD1/4CIF/VGA@15fps; CIF@25fps (P)/30fps (N) For 720p stream access: 720p/WD1/4CIF/VGA@15fps; CIF@25fps (P)/30fps (N) For standard definition stream access: WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) Sub-stream: For 1080p and 720p stream access: CIF/QVGA@15fps For standard definition stream access: CIF/QVGA@25fps (P)/30fps (N)	Main stream: For 1080p stream access: 1080p lite/720p lite/WD1/4CIF/VGA@15fps; CIF@25fps (P)/30fps (N) For 720p stream access: 720p/WD1/4CIF/VGA@15fps; CIF@25fps (P)/30fps (N) For standard definition stream access: WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) Sub-stream: For 1080p and 720p stream access: CIF/QVGA@15fps For standard definition stream access: CIF/QVGA@25fps (P)/30fps (N)	Main stream: For 1080p stream access: 1080p lite/720p lite/WD1/4CIF/VGA@15fps; CIF@25fps (P)/30fps (N) For 720p stream access: 720p/WD1/4CIF/VGA@15fps; CIF@25fps (P)/30fps (N) For standard definition stream access: WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) Sub-stream: For 1080p and 720p stream access: CIF/QVGA@15fps For standard definition stream access: CIF/QVGA@25fps (P)/30fps (N)	Main stream: For 1080p stream access: 1080p lite/720p lite/WD1/4CIF/VGA@15fps; CIF@25fps (P)/30fps (N) For 720p stream access: 720p/WD1/4CIF/VGA@15fps; CIF@25fps (P)/30fps (N) For standard definition stream access: WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) Sub-stream: For 1080p and 720p stream access: CIF/QVGA@15fps For standard definition stream access: CIF/QVGA@25fps (P)/30fps (N)
SATA Capacity	1 SATA interface Up to 6TB capacity for each disk	1 SATA interface Up to 10 TB capacity for each disk	2 SATA interfaces Up to 10 TB capacity for each disk	2 SATA interfaces Up to 10 TB capacity for each disk	2 SATA interfaces Up to 10 TB capacity for each disk
Array Type	-	-	-	-	-
Network Interface	1, RJ45 10M/100M self-adaptive Ethernet interface	1, RJ45 10M/100M self-adaptive Ethernet interface	1, RJ45 10M/100M self-adaptive Ethernet interface	1, RJ45 10M/100M/1000M self-adaptive Ethernet interface	1, RJ45 10M/100M/1000M self-adaptive Ethernet interface
Serial Interface	-	-	-	-	-
USB Port	2 × USB 2.0	2 × USB 2.0	2 × USB 2.0	1 × USB 2.0 1 × USB 3.0	1 × USB 2.0 1 × USB 3.0
Smart Function	VCA (Line Crossing, Intrusion Detection) 1-ch	VCA (Line Crossing, Intrusion Detection) 1-ch	VCA (Line Crossing, Intrusion Detection) 1-ch	VCA (Line Crossing, Intrusion Detection) 1-ch	VCA (Line Crossing, Intrusion Detection) 1-ch
Alarm I/O	-	-	-	-	-
Power	12 VDC	12 VDC	12 VDC	12 VDC	12 VDC
Chassis	1U (260mm)	1U(260mm)	1U(380mm)	1U(380mm)	1U(380mm)

Model	DS-7204HQHI-K1	DS-7208HQHI-K1	DS-7216HQHI-K1	DS-7208HQHI-K2	DS-7216HQHI-K2
Image	 • HOT	 • HOT	 • HOT	 • HOT	 • HOT
	Coaxial Audio	Coaxial Audio	Coaxial Audio	Coaxial Audio	Coaxial Audio
Video Compression	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264
Analog Video Input	4-ch, Coaxial video-audio	8-ch, Coaxial video-audio	16-ch, Coaxial video-audio	8-ch, Coaxial video-audio	16-ch, Coaxial video-audio
IP Video Input	2-ch(Up to 6-ch), Up to 6 MP resolution	4-ch(Up to 12-ch), Up to 6 MP resolution	8-ch(Up to 24-ch), Up to 6 MP resolution	4-ch(Up to 12-ch), Up to 6 MP resolution	8-ch(Up to 24-ch), Up to 6 MP resolution
Audio Input	1-ch, RCA [2.0 Vp-p, 1 kΩ]				
HDMI / VGA Output	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	VGA: 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI: 1-ch, 4K [3840 × 2160]/30Hz, 2K [2560 × 1440]/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	VGA: 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI: 1-ch, 4K [3840 × 2160]/30Hz, 2K [2560 × 1440]/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
HDMI2 Output	-	-	-	-	-
CVBS Output	1-ch, BNC [1.0 Vp-p, 75 Ω], resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC [1.0 Vp-p, 75 Ω], resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC [1.0 Vp-p, 75 Ω], resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC [1.0 Vp-p, 75 Ω], resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC [1.0 Vp-p, 75 Ω], resolution: PAL: 704 × 576, NTSC: 704 × 480
Audio Output	1-ch, RCA [Linear, 1 kΩ]				
Encoding Capability	Main stream: When 1080p Lite mode not enabled: For 4 MP stream access: 4 MP lite@15fps; 1080p lite/720p/WD1/4CIF/VGA/CIF@25fps [P]/30fps [N] For 3 MP stream access: 3 MP/1080p/720p/VGA/WD1/4CIF/CIF@15fps For 1080p stream access: 1080p@15fps; 720p/VGA/WD1/4CIF/CIF@25fps [P]/30fps [N] For 720p stream access: 720p/VGA/WD1/4CIF/CIF@25fps [P]/30fps [N] When 1080p Lite mode enabled: 4 MP lite/3 MP@15fps; 1080p lite/720p lite/VGA/WD1/4CIF/CIF@25fps [P]/30fps [N] Sub-stream: WD1/4CIF@12fps; CIF@25fps [P]/30fps [N]	Main stream: When 1080p Lite mode not enabled: For 4 MP stream access: 4 MP lite@15fps; 1080p lite/720p/WD1/4CIF/VGA/CIF@25fps [P]/30fps [N] For 3 MP stream access: 3 MP/1080p/720p/VGA/WD1/4CIF/CIF@15fps For 1080p stream access: 1080p@15fps; 720p/VGA/WD1/4CIF/CIF@25fps [P]/30fps [N] For 720p stream access: 720p/VGA/WD1/4CIF/CIF@25fps [P]/30fps [N] When 1080p Lite mode enabled: 4 MP lite/3 MP@15fps; 1080p lite/720p lite/VGA/WD1/4CIF/CIF@25fps [P]/30fps [N] Sub-stream: WD1/4CIF@12fps; CIF@25fps [P]/30fps [N]	Main stream: When 1080p Lite mode not enabled: For 4 MP stream access: 4 MP lite@15fps; 1080p lite/720p/WD1/4CIF/VGA/CIF@25fps [P]/30fps [N] For 3 MP stream access: 3 MP/1080p/720p/VGA/WD1/4CIF/CIF@15fps For 1080p stream access: 1080p@15fps; 720p/VGA/WD1/4CIF/CIF@25fps [P]/30fps [N] For 720p stream access: 720p/VGA/WD1/4CIF/CIF@25fps [P]/30fps [N] When 1080p Lite mode enabled: 4 MP lite/3 MP@15fps; 1080p lite/720p lite/VGA/WD1/4CIF/CIF@25fps [P]/30fps [N] Sub-stream: WD1/4CIF@12fps; CIF@25fps [P]/30fps [N]	Main stream: When 1080p Lite mode not enabled: For 4 MP stream access: 4 MP lite@15fps; 1080p lite/720p/WD1/4CIF/VGA/CIF@25fps [P]/30fps [N] For 3 MP stream access: 3 MP/1080p/720p/VGA/WD1/4CIF/CIF@15fps For 1080p stream access: 1080p@15fps; 720p/VGA/WD1/4CIF/CIF@25fps [P]/30fps [N] For 720p stream access: 720p/VGA/WD1/4CIF/CIF@25fps [P]/30fps [N] When 1080p Lite mode enabled: 4 MP lite/3 MP@15fps; 1080p lite/720p lite/VGA/WD1/4CIF/CIF@25fps [P]/30fps [N] Sub-stream: WD1/4CIF@12fps; CIF@25fps [P]/30fps [N]	Main stream: When 1080p Lite mode not enabled: For 4 MP stream access: 4 MP lite@15fps; 1080p lite/720p/WD1/4CIF/VGA/CIF@25fps [P]/30fps [N] For 3 MP stream access: 3 MP/1080p/720p/VGA/WD1/4CIF/CIF@15fps For 1080p stream access: 1080p@15fps; 720p/VGA/WD1/4CIF/CIF@25fps [P]/30fps [N] For 720p stream access: 720p/VGA/WD1/4CIF/CIF@25fps [P]/30fps [N] When 1080p Lite mode enabled: 4 MP lite/3 MP@15fps; 1080p lite/720p lite/VGA/WD1/4CIF/CIF@25fps [P]/30fps [N] Sub-stream: WD1/4CIF@12fps; CIF@25fps [P]/30fps [N]
SATA Capacity	1 SATA interface Up to 10 TB capacity for each disk	1 SATA interface Up to 10 TB capacity for each disk	1 SATA interface Up to 10 TB capacity for each disk	2 SATA interfaces Up to 10 TB capacity for each disk	2 SATA interfaces Up to 10 TB capacity for each disk
Array Type	-	-	-	-	-
Network Interface	1, RJ45 10M/100M self-adaptive Ethernet interface	1, RJ45 10M/100M self-adaptive Ethernet interface	1, RJ45 10M/100M/1000M self-adaptive Ethernet interface	1, RJ45 10M/100M self-adaptive Ethernet interface	1, RJ45 10M/100M/1000M self-adaptive Ethernet interface
Serial Interface	RS-485 (half-duplex)				
USB Port	2 × USB 2.0	2 × USB 2.0	1 × USB 2.0 1 × USB 3.0	2 × USB 2.0	1 × USB 2.0 1 × USB 3.0
Smart Function	VCA (Line Crossing, Intrusion Detection) up to 4-ch				
Alarm I/O	-	-	-	-	-
Power	12 VDC				
Chassis	1U (315mm)	1U (315mm)	1U (315mm)	1U (380mm)	1U (380mm)

Model	DS-7204HQHI-K1/P	DS-7208HQHI-K2/P	DS-7216HQHI-K2/P	DS-7224HQHI-K2	DS-7232HQHI-K2
Image					
Video Compression	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264
Analog Video Input	4-ch	8-ch	16-ch	24-ch	32-ch
IP Video Input	2-ch[Up to 6-ch], Up to 6 MP resolution	4-ch[Up to 12-ch], Up to 6 MP resolution	8-ch[Up to 24-ch], Up to 6 MP resolution	8-ch[Up to 32-ch], Up to 6 MP resolution	8-ch[Up to 40-ch], Up to 6 MP resolution
Audio Input	1-ch, RCA [2.0 Vp-p, 1 kΩ]				
HDMI / VGA Output	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	VGA: 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI: 1-ch, 4K [3840 × 2160]/30Hz, 2K [2560 × 1440]/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	VGA: 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI: 1-ch, 4K [3840 × 2160]/30Hz, 2K [2560 × 1440]/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	VGA: 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI: 1-ch, 4K [3840 × 2160]/30Hz, 2K [2560 × 1440]/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
HDMI2 Output	-	-	-	-	-
CVBS Output	1-ch, BNC [1.0 Vp-p, 75 Ω], resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC [1.0 Vp-p, 75 Ω], resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC [1.0 Vp-p, 75 Ω], resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC [1.0 Vp-p, 75 Ω], resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC [1.0 Vp-p, 75 Ω], resolution: PAL: 704 × 576, NTSC: 704 × 480
Audio Output	1-ch, RCA [Linear, 1kΩ]				
Encoding Capability	Main stream: When 1080p Lite mode not enabled: For 4 MP stream access: 4 MP lite@15fps; 1080p lite/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) For 3 MP Stream access: 3 MP/1080p/720p/VGA/WD1/4CIF/CIF@15fps For 1080p stream access: 1080p@15fps; 720p/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) For 720p stream access: 720p/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) When 1080p Lite mode enabled: 4 MP lite/3 MP@15fps; 1080p lite/720p lite/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) Sub-stream: WD1/4CIF@12fps; CIF@25fps (P)/30fps (N)	Main stream: When 1080p Lite mode not enabled: For 4 MP stream access: 4 MP lite@15fps; 1080p lite/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) For 3 MP stream access: 3 MP/1080p/720p/VGA/WD1/4CIF/CIF@15fps For 1080p stream access: 1080p@15fps; 720p/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) For 720p stream access: 720p/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) When 1080p Lite mode enabled: 4 MP lite/3 MP@15fps; 1080p lite/720p lite/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) Sub-stream: WD1/4CIF@12fps; CIF@25fps (P)/30fps (N)	Main stream: When 1080p Lite mode not enabled: For 4 MP stream access: 4 MP lite@15fps; 1080p lite/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) For 3 MP stream access: 3 MP/1080p/720p/VGA/WD1/4CIF/CIF@15fps For 1080p stream access: 1080p@15fps; 720p/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) For 720p stream access: 720p/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) When 1080p Lite mode enabled: 4 MP lite/3 MP@15fps; 1080p lite/720p lite/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) Sub-stream: WD1/4CIF@12fps; CIF@25fps (P)/30fps (N)	Main stream: When 1080p Lite mode not enabled: For 4 MP stream access: 4 MP lite@15fps; 1080p lite/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) For 3 MP stream access: 3 MP/1080p/720p/VGA/WD1/4CIF/CIF@15fps For 1080p stream access: 1080p@15fps; 720p/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) For 720p stream access: 720p/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) When 1080p Lite mode enabled: 4 MP lite/3 MP@15fps; 1080p lite/720p lite/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) Sub-stream: WD1/4CIF@12fps; CIF@25fps (P)/30fps (N)	Main stream: When 1080p Lite mode not enabled: For 4 MP stream access: 4 MP lite@15fps; 1080p lite/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) For 3 MP stream access: 3 MP/1080p/720p/VGA/WD1/4CIF/CIF@15fps For 1080p stream access: 1080p@15fps; 720p/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) For 720p stream access: 720p/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) When 1080p Lite mode enabled: 4 MP lite/3 MP@15fps; 1080p lite/720p lite/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) Sub-stream: WD1/4CIF@12fps; CIF@25fps (P)/30fps (N)
SATA Capacity	1 SATA interface Up to 10TB capacity for each disk	2 SATA interfaces Up to 10TB capacity for each disk	2 SATA interfaces Up to 10TB capacity for each disk	2 SATA interfaces Up to 10TB capacity for each disk	2 SATA interfaces Up to 10TB capacity for each disk
Array Type	-	-	-	-	-
Network Interface	1, RJ45 10M/100M self-adaptive Ethernet interface	1, RJ45 10M/100M self-adaptive Ethernet interface	1, RJ45 10M/100M/1000M self-adaptive Ethernet interface	1, RJ45 10M/100M/1000M self-adaptive Ethernet interface	1, RJ45 10M/100M/1000M self-adaptive Ethernet interface
Serial Interface	RS-485 (half-duplex)				
USB Port	2 × USB 2.0	2 × USB 2.0	1 × USB 2.0 1 × USB 3.0	1 × USB 2.0 1 × USB 3.0	1 × USB 2.0 1 × USB 3.0
Smart Function	VCA (Line Crossing, Intrusion Detection) up to 4-ch				
Alarm I/O	-	-	-	-	-
Power	48 VDC	48 VDC	48 VDC	12 VDC	12 VDC
Chassis	1U (315mm)	1U (380mm)	1U (380mm)	1U (380mm)	1U (380mm)

Model	DS-7304HQHI-K4	DS-7308HQHI-K4	DS-7316HQHI-K4	DS-7324HQHI-K4
Image				
Video Compression	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264
Analog Video Input	4-ch	8-ch	16-ch	24-ch
IP Video Input	2-ch [Up to 6-ch], Up to 6 MP resolution	4-ch [up to 12-ch], Up to 6 MP resolution	8-ch [Up to 24-ch], Up to 6 MP resolution	16-ch [Up to 48-ch], Up to 6 MP resolution
Audio Input	4-ch, RCA [2.0 Vp-p, 1 KΩ]	4-ch, RCA [2.0 Vp-p, 1 KΩ]	4-ch, RCA [2.0 Vp-p, 1 KΩ]	4-ch, RCA [2.0 Vp-p, 1 KΩ]
HDMI / VGA Output	VGA: 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI: 1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	VGA: 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI: 1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	VGA: 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI: 1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
HDMI2 Output	-	-	-	1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
CVBS Output	1-ch, BNC [1.0 Vp-p, 75 Ω], resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC [1.0 Vp-p, 75 Ω], resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC [1.0 Vp-p, 75 Ω], resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC [1.0 Vp-p, 75 Ω], resolution: PAL: 704 × 576, NTSC: 704 × 480
Audio Output	2-ch, RCA [Linear, 1KΩ]	2-ch, RCA [Linear, 1KΩ]	2-ch, RCA [Linear, 1KΩ]	1-ch, RCA [Linear, 1KΩ]
Encoding Capability	Main stream: When 1080p Lite mode not enabled: For 4 MP stream access: 4 MP lite@15fps; 1080p lite/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) For 3 MP stream access: 3 MP/1080p/720p/VGA/WD1/4CIF/CIF@15fps For 1080p stream access: 1080p@15fps; 720p/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) For 720p stream access: 720p/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) When 1080p Lite mode enabled: 4 MP lite/3 MP@15fps; 1080p lite/720p lite/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) Sub-stream: WD1/4CIF@12fps; CIF@25fps (P)/30fps (N)	Main stream: When 1080p Lite mode not enabled: For 4 MP stream access: 4 MP lite@15fps; 1080p lite/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) For 3 MP stream access: 3 MP/1080p/720p/VGA/WD1/4CIF/CIF@15fps For 1080p stream access: 1080p@15fps; 720p/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) For 720p stream access: 720p/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) When 1080p Lite mode enabled: 4 MP lite/3 MP@15fps; 1080p lite/720p lite/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) Sub-stream: WD1/4CIF@12fps; CIF@25fps (P)/30fps (N)	Main stream: When 1080p Lite mode not enabled: For 4 MP stream access: 4 MP lite@15fps; 1080p lite/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) For 3 MP stream access: 3 MP/1080p/720p/VGA/WD1/4CIF/CIF@15fps For 1080p stream access: 1080p@15fps; 720p/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) For 720p stream access: 720p/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) When 1080p Lite mode enabled: 4 MP lite/3 MP@15fps; 1080p lite/720p lite/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) For 1080p stream access: 1080p@15fps; 720p/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) For 720p stream access: 720p/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) Sub-stream: WD1/4CIF@12fps; CIF@25fps (P)/30fps (N)	Main stream: When 1080p Lite mode not enabled: For 4 MP stream access: 4 MP lite@15fps; 1080p lite/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) For 3 MP stream access: 3 MP/1080p/720p/VGA/WD1/4CIF/CIF@15fps For 1080p stream access: 1080p@15fps; 720p/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) For 720p stream access: 720p/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) When 1080p Lite mode enabled: 4 MP lite/3 MP@15fps; 1080p lite/720p lite/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) For 1080p stream access: 1080p@15fps; 720p/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) For 720p stream access: 720p/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) Sub-stream: WD1/4CIF@12fps; CIF@25fps (P)/30fps (N)
SATA Capacity	4 SATA interface Up to 10 TB capacity for each disk	4 SATA interface Up to 10 TB capacity for each disk	4 SATA interface Up to 10 TB capacity for each disk	4 SATA interface Up to 10 TB capacity for each disk
Array Type	-	-	-	-
Network Interface	1, RJ45 10M/100M/1000M self-adaptive Ethernet interface	1, RJ45 10M/100M/1000M self-adaptive Ethernet interface	1, RJ45 10M/100M/1000M self-adaptive Ethernet interface	1, RJ45 10M/100M/1000M self-adaptive Ethernet interface
Serial Interface	RS-232, RS-485 [full-duplex], Keyboard	RS-232, RS-485 [full-duplex], Keyboard	RS-232, RS-485 [full-duplex], Keyboard	RS-232, RS-485 [full-duplex], Keyboard
USB Port	1 × USB 2.0 1 × USB 3.0	1 × USB 2.0 1 × USB 3.0	1 × USB 2.0 1 × USB 3.0	1 × USB 2.0 1 × USB 3.0
Smart Function	VCA (Line Crossing, Intrusion Detection) up to 4-ch	VCA (Line Crossing, Intrusion Detection) up to 4-ch	VCA (Line Crossing, Intrusion Detection) up to 4-ch	VCA (Line Crossing, Intrusion Detection) up to 4-ch
Alarm I/O	16/4	16/4	16/4	16/4
Power	100 to 240 VAC	100 to 240 VAC	100 to 240 VAC	100 to 240 VAC
Chassis	1.5U	1.5U	1.5U	1.5U

Model	DS-7332HQHI-K4
Image	 HOT
Video Compression	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264
Analog Video Input	32-ch
IP Video Input	16-ch (Up to 48-ch), Up to 6 MP resolution
Audio Input	4-ch, RCA (2.0 Vp-p, 1 kΩ)
HDMI / VGA Output	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
HDMI2 Output	1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
CVBS Output	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480
Audio Output	1-ch, RCA (Linear, 1 kΩ) Main stream: When 1080p Lite mode not enabled: For 4 MP stream access: 4 MP lite@15fps; 1080p lite@720p/WD1/4CIF/VGA/CIF@25fps (P/I/30fps [N]) For 3 MP stream access: 3 MP@1080p/720p/WD1/4CIF/VGA/CIF@15fps For 1080p stream access: 1080p@720p@15fps; 720p/WD1/4CIF/VGA/CIF@25fps (P/I/30fps [N]) For 720p stream access: 720p/WD1/4CIF/VGA/CIF@25fps (P/I/30fps [N]) When 1080p Lite mode enabled: For 4 MP stream access: 4 MP lite@15fps; 1080p lite@720p/WD1/4CIF/VGA/CIF@25fps (P/I/30fps [N]) For 3 MP stream access: 3 MP@1080p/720p/WD1/4CIF/VGA/CIF@15fps For 1080p stream access: 1080p@720p/WD1/4CIF/VGA/CIF@25fps (P/I/30fps [N]) For 720p stream access: 720p/WD1/4CIF/VGA/CIF@25fps (P/I/30fps [N]) Sub-stream: WD1/4CIF@12fps; CIF@25fps (P/I/30fps [N])
Encoding Capability	4 SATA interface Up to 10 TB capacity for each disk
SATA Capacity	4 SATA interface Up to 10 TB capacity for each disk
Array Type	-
Network Interface	1, RJ45 10M/100M/1000M self-adaptive Ethernet interface
Serial Interface	RS-232, RS-485 (full-duplex), Keyboard
USB Port	1 × USB 2.0 1 × USB 3.0
Smart Function	VCA (Line Crossing, Intrusion Detection) up to 4-ch
Alarm I/O	16/4
Power	100 to 240 VAC
Chassis	1.5U

5 MP			
Model	DS-7204HUHI-K1	DS-7208HUHI-K1	DS-7204HUHI-K2
Image	 HOT	 HOT	 HOT
Video Compression	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264
Analog Video-Audio Input	4-ch, Coaxial video-audio	8-ch, Coaxial video-audio	4-ch, Coaxial video-audio
IP Video Input	4-ch (Up to 8-ch), Up to 8 MP resolution	8-ch (Up to 16-ch), Up to 8 MP resolution	4-ch (Up to 8-ch), Up to 8 MP resolution
Audio Input	4-ch, RCA (2.0 Vp-p, 1 kΩ)	4-ch, RCA (2.0 Vp-p, 1 kΩ)	4-ch, RCA (2.0 Vp-p, 1 kΩ)
HDMI / VGA Output	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	VGA: 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI: 1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
HDMI2 Output	-	-	-
CVBS Output	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480
Audio Output	1-ch, RCA (Linear, 1 kΩ)	1-ch, RCA (Linear, 1 kΩ)	1-ch, RCA (Linear, 1 kΩ)
Encoding Capability	Main stream: When 8 MP Lite mode is not enabled: 8 MP@8 fps/5MP@12 fps/4 MP@15 fps/3 MP@18 fps 1080p/720p/WD1/4CIF/VGA/CIF@25 fps (P/I/30fps [N]) *: 8 MP@8 fps is only available for channel 1 of DS-7204HUHI-K1. When 8 MP Lite mode enabled: 8 MP Lite/3MP@1080P/720P/WD1/4CIF/VGA/CIF@15 fps *: 8 MP Lite is only available for DS-7204HUHI-K1. Sub-stream: WD1/4CIF/CIF@25fps (P/I/30fps [N])	Main stream: When 8 MP Lite mode is not enabled: 8 MP@8 fps/5MP@12 fps/4 MP@15 fps/3 MP@18 fps 1080p/720p/WD1/4CIF/VGA/CIF@25 fps (P/I/30fps [N]) *: 8 MP@8 fps is only available for channel 1 of DS-7204HUHI-K1. When 8 MP Lite mode enabled: 8 MP Lite/3MP@1080P/720P/WD1/4CIF/VGA/CIF@15 fps *: 8 MP Lite is only available for DS-7204HUHI-K1. Sub-stream: WD1/4CIF/CIF@25fps (P/I/30fps [N])	Main stream: When 8 MP Lite mode is not enabled: 8 MP@8 fps/5MP@12 fps/4 MP@15 fps/3 MP@18 fps 1080p/720p/WD1/4CIF/VGA/CIF@25 fps (P/I/30fps [N]) *: 8 MP@8 fps is only available for channel 1 of DS-7204HUHI-K2. When 8 MP Lite mode enabled: 8 MP Lite/3MP@1080P/720P/WD1/4CIF/VGA/CIF@15 fps *: 8 MP Lite is only available for DS-7204HUHI-K2. Sub-stream: WD1/4CIF/CIF@25fps (P/I/30fps [N])
SATA Capacity	1 SATA interface Up to 10 TB capacity for each disk	1 SATA interface Up to 10 TB capacity for each disk	2 SATA interface Up to 10 TB capacity for each disk
Array Type	-	-	-
Network Interface	1, RJ45 10M/100M/1000M self-adaptive Ethernet interface	1, RJ45 10M/100M/1000M self-adaptive Ethernet interface	1, RJ45 10M/100M self-adaptive Ethernet interface
Serial Interface	RS-485 (half-duplex)	RS-485 (half-duplex)	RS-485 (half-duplex)
USB Port	2 × USB 2.0	1 × USB 2.0 1 × USB 3.0	2 × USB 2.0
Smart Function	VCA (Line Crossing, Intrusion Detection) up to all channels	VCA (Line Crossing, Intrusion Detection) up to all channels	VCA (Line Crossing, Intrusion Detection) up to all channels
Alarm I/O	4/1	8/4	4/1
Power	12 VDC	12 VDC	12 VDC
Chassis	1U (315mm)	1U (315mm)	1U (380mm)

Turbo HD Camera
Turbo HD PTZ Camera
DVRs
Encoder
Network Camera
PTZ Dome Camera
Panoramic Camera
NVR
KIT
Thermal Monitor
Switch
Cable
Controller & Transmission
Accessories
DORI Distance

Model	DS-7208HUHI-K2	DS-7216HUHI-K2	DS-7204HUHI-K1/P	DS-7208HUHI-K2/P	DS-7216HUHI-K2/P
Image	 HOT	 HOT			
Video Compression	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264
Analog Video-Audio Input	8-ch, Coaxial video-audio	16-ch, Coaxial video-audio	4-ch	8-ch	16-ch
IP Video Input	8-ch [Up to 16-ch], Up to 8 MP resolution	16-ch [Up to 32-ch], Up to 8 MP resolution	4-ch [Up to 8-ch], Up to 8 MP resolution	8-ch [Up to 16-ch], Up to 8 MP resolution	16-ch [Up to 32-ch], Up to 8 MP resolution
Audio Input	4-ch, RCA [2.0 Vp-p, 1 kΩ]	4-ch, RCA [2.0 Vp-p, 1 kΩ]	4-ch, RCA [2.0 Vp-p, 1 kΩ]	4-ch, RCA [2.0 Vp-p, 1 kΩ]	4-ch, RCA [2.0 Vp-p, 1 kΩ]
HDMI / VGA Output	VGA: 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI: 1-ch, 4K [3840 × 2160]/30Hz, 2K [2560 × 1440]/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	VGA: 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI: 1-ch, 4K [3840 × 2160]/30Hz, 2K [2560 × 1440]/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	VGA: 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI: 1-ch, 4K [3840 × 2160]/30Hz, 2K [2560 × 1440]/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	VGA: 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI: 1-ch, 4K [3840 × 2160]/30Hz, 2K [2560 × 1440]/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
HDMI2 Output	-	-	-	-	-
CVBS Output	1-ch, BNC [1.0 Vp-p, 75 Ω], resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC [1.0 Vp-p, 75 Ω], resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC [1.0 Vp-p, 75 Ω], resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC [1.0 Vp-p, 75 Ω], resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC [1.0 Vp-p, 75 Ω], resolution: PAL: 704 × 576, NTSC: 704 × 480
Audio Output	1-ch, RCA [Linear, 1kΩ]	1-ch, RCA [Linear, 1kΩ]	1-ch, RCA [Linear, 1kΩ]	1-ch, RCA [Linear, 1kΩ]	1-ch, RCA [Linear, 1kΩ]
Encoding Capability	Main stream: When 8 MP Lite mode is not enabled: 8 MP@8 fps/5MP@12 fps/4 MP@15 fps/3 MP@18 fps 1080p/720p/WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N) *: 8 MP@8 fps is only available for channel 1 of DS-7204HUHI-K2. When 8 MP Lite mode enabled: 8 MP Lite/3MP/1080p/720p/WD1/4CIF/VGA/CIF@15 fps *: 8 MP Lite is only available for DS-7204HUHI-K2, Sub-stream: WD1/4CIF/CIF@25fps (P)/30fps (N)	Main stream: When 8 MP Lite mode is not enabled: 8 MP@8 fps/5MP@12 fps/4 MP@15 fps/3 MP@18 fps 1080p/720p/WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N) *: 8 MP@8 fps is only available for channel 1 of DS-7204HUHI-K2. When 8 MP Lite mode enabled: 8 MP Lite/3MP/1080p/720p/WD1/4CIF/VGA/CIF@15 fps *: 8 MP Lite is only available for DS-7204HUHI-K2, Sub-stream: WD1/4CIF/CIF@25fps (P)/30fps (N)	Main stream: 5 MP@12fps/4 MP@15fps/3 MP@18fps 1080p/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) Sub-stream: WD1/4CIF/CIF@25fps (P)/30fps (N)	Main stream: 8 MP@8fps/5 MP@12fps/4 MP@15fps/3 MP@18fps 1080p/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) Sub-stream: WD1/4CIF/CIF@25fps (P)/30fps (N)	Main stream: 8 MP@8fps/5 MP@12fps/4 MP@15fps/3 MP@18fps 1080p/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) Sub-stream: WD1/4CIF/CIF@25fps (P)/30fps (N)
SATA Capacity	2 SATA interface Up to 10 TB capacity for each disk	2 SATA interface Up to 10 TB capacity for each disk	1 SATA interface Up to 10 TB capacity for each disk	2 SATA interface Up to 10 TB capacity for each disk	2 SATA interface Up to 10 TB capacity for each disk
Array Type	-	-	-	-	-
Network Interface	1, RJ45 10M/100M/1000M self-adaptive Ethernet interface	1, RJ45 10M/100M/1000M self-adaptive Ethernet interface	1, RJ45 10M/100M self-adaptive Ethernet interface	1, RJ45 10M/100M/1000M self-adaptive Ethernet interface	1, RJ45 10M/100M/1000M self-adaptive Ethernet interface
Serial Interface	RS-485 (half-duplex)	RS-485 (half-duplex)	RS-485 (half-duplex)	RS-485 (half-duplex)	RS-485 (half-duplex)
USB Port	1 × USB 2.0 1 × USB 3.0	1 × USB 2.0 1 × USB 3.0	2 × USB 2.0	1 × USB 2.0 1 × USB 3.0	1 × USB 2.0 1 × USB 3.0
Smart Function	VCA (Line Crossing, Intrusion Detection) up to all channels	VCA (Line Crossing, Intrusion Detection) up to all channels	VCA (Line Crossing, Intrusion Detection) up to all channels	VCA (Line Crossing, Intrusion Detection) up to all channels	VCA (Line Crossing, Intrusion Detection) up to all channels
Alarm I/O	8/4	16/4	4/1	8/4	4/1
Power	12 VDC	12 VDC	48 VDC	48 VDC	100 to 240 VAC
Chassis	1U (380mm)	1U (380mm)	1U (315mm)	1U (380mm)	1U (380mm)

Model	DS-7304HUHI-K4	DS-7308HUHI-K4	DS-7316HUHI-K4	DS-7324HUHI-K4	DS-7332HUHI-K4
Image			 HOT		 HOT
Video Compression	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264	H.265+ / H.265 / H.264+/ H.264	H.265+ / H.265 / H.264+/ H.264
Analog Video-Audio Input	4-ch	8-ch	16-ch	24-ch	32-ch
IP Video Input	4-ch (Up to 8-ch), Up to 8 MP resolution	8-ch (Up to 16-ch), Up to 8 MP resolution	16-ch (Up to 32-ch), Up to 8 MP resolution	16-ch (Up to 40-ch), Up to 8 MP resolution	16-ch (Up to 48-ch), Up to 8 MP resolution
Audio Input	4-ch, RCA [2.0 Vp-p, 1 kΩ]	4-ch, RCA [2.0 Vp-p, 1 kΩ] [independent]	4-ch, RCA [2.0 Vp-p, 1 kΩ]	4-ch, RCA [2.0 Vp-p, 1 kΩ]	4-ch, RCA [2.0 Vp-p, 1 kΩ]
HDMI / VGA Output	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
HDMI2 Output	1-ch, 4K [3840 × 2160]/30Hz, 2K [2560 × 1440]/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 4K [3840 × 2160]/30Hz, 2K [2560 × 1440]/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 4K [3840 × 2160]/30Hz, 2K [2560 × 1440]/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 4K [3840 × 2160]/30Hz, 2K [2560 × 1440]/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 4K [3840 × 2160]/30Hz, 2K [2560 × 1440]/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
CVBS Output	1-ch, BNC [1.0 Vp-p, 75 Ω], resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC [1.0 Vp-p, 75 Ω], resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC [1.0 Vp-p, 75 Ω], resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC [1.0 Vp-p, 75 Ω], resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC [1.0 Vp-p, 75 Ω], resolution: PAL: 704 × 576, NTSC: 704 × 480
Audio Output	2-ch, RCA [Linear, 1kΩ]	2-ch, RCA [Linear, 1kΩ]	2-ch, RCA [Linear, 1kΩ]	1-ch, RCA [Linear, 1kΩ]	1-ch, RCA [Linear, 1kΩ]
Encoding Capability	Main stream: 8 MP@8fps/5 MP@12fps; 4 MP@ 15fps; 3 MP@18fps; 1080p/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) Sub-stream: WD1/4CIF/CIF@25fps (P)/30fps (N)	Main stream: 8 MP@8fps/5 MP@12fps; 4 MP@ 15fps; 3 MP@18fps; 1080p/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) Sub-stream: WD1/4CIF/CIF@25fps (P)/30fps (N)	Main stream: 8 MP@8fps/5 MP@12fps; 4 MP@ 15fps; 3 MP@18fps; 1080p/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) Sub-stream: WD1/4CIF/CIF@25fps (P)/30fps (N)	Main stream: 8 MP@8fps/5 MP@12fps; 4 MP@ 15fps; 3 MP@18fps; 1080p/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) Sub-stream: WD1/4CIF/CIF@25fps (P)/30fps (N)	Main stream: 8 MP@8fps/5 MP@12fps; 4 MP@ 15fps; 3 MP@18fps; 1080p/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) Sub-stream: WD1/4CIF/CIF@25fps (P)/30fps (N)
SATA Capacity	4 SATA interface Up to 10 TB capacity for each disk	4 SATA interface Up to 10 TB capacity for each disk	4 SATA interface Up to 10 TB capacity for each disk	4 SATA interface Up to 10 TB capacity for each disk	4 SATA interface Up to 10 TB capacity for each disk
Array Type	RAID 0, RAID 1, RAID 5, RAID 6, RAID 10	RAID 0, RAID 1, RAID 5, RAID 6, RAID 10	RAID 0, RAID 1, RAID 5, RAID 6, RAID 10	RAID 0, RAID 1, RAID 5, RAID 6, RAID 10	RAID 0, RAID 1, RAID 5, RAID 6, RAID 10
Network Interface	2, RJ45 10M/100M/1000M self-adaptive Ethernet interface	2, RJ45 10M/100M/1000M self-adaptive Ethernet interface	2, RJ45 10M/100M/1000M self-adaptive Ethernet interface	2, RJ45 10M/100M/1000M self-adaptive Ethernet interface	2, RJ45 10M/100M/1000M self-adaptive Ethernet interface
Serial Interface	RS-232, RS-485 [full-duplex], Keyboard				
USB Port	2 × USB 2.0 1 × USB 3.0				
Smart Function	VCA (Line Crossing, Intrusion Detection) all channels				
Alarm I/O	16/4	16/4	16/4	16/4	16/4
Power	100 to 240 VAC				
Chassis	1.5U	1.5U	1.5U	1.5U	1.5U

Model	DS-7204HTHI-K1	DS-7204HTHI-K2	DS-7208HTHI-K2	DS-7316HTHI-K4
Image				
	Coaxial Audio	Coaxial Audio	Coaxial Audio	HOT
Video Compression	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264
Analog Video-Audio Input	4-ch, Coaxial video-audio	4-ch, Coaxial video-audio	8-ch, Coaxial video-audio	16-ch
IP Video Input	4-ch (Up to 8-ch), Up to 8 MP resolution	4-ch (Up to 8-ch), Up to 8 MP resolution	8-ch (Up to 16-ch), Up to 8 MP resolution	16-ch (Up to 32-ch), Up to 8 MP
Audio Input	4-ch, RCA (2.0 Vp-p, 1 kΩ)	4-ch, RCA (2.0 Vp-p, 1 kΩ)	4-ch, RCA (2.0 Vp-p, 1 kΩ)	4-ch, RCA (2.0 Vp-p, 1 kΩ)
HDMI / VGA Output	VGA: 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI: 1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	VGA: 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI: 1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	VGA: 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI: 1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 1920 × 1080/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz
HDMI2 Output	-	-	-	1-ch, 4K (3840 × 2160)/30 Hz, 2K (2560 × 1440)/60 Hz, 1920 × 1080/60Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz
CVBS Output	1-ch, BNC [1.0 Vp-p, 75 Ω], resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC [1.0 Vp-p, 75 Ω], resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC [1.0 Vp-p, 75 Ω], resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC [1.0 Vp-p, 75 Ω], resolution: PAL: 704 × 576, NTSC: 704 × 480
Audio Output	1-ch, RCA (Linear, 1 kΩ)	1-ch, RCA (Linear, 1 kΩ)	1-ch, RCA (Linear, 1 kΩ)	2-ch, RCA (Linear, 1 kΩ)
Encoding Capability	Main stream: 8 MP@15fps, 5 MP@20fps, 3 MP@18fps 4 MP/1080p/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps(N) Sub-stream: WD1/4CIF/CIF@25fps (P)/30fps (N)	Main stream: 8 MP@15fps, 5 MP@20fps, 3 MP@18fps 4 MP/1080p/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps(N) Sub-stream: WD1/4CIF/CIF@25fps (P)/30fps (N)	Main stream: 8 MP@15fps, 5 MP@20fps, 3 MP@18fps 4 MP/1080p/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps(N) Sub-stream: WD1/4CIF/CIF@25fps (P)/30fps (N)	Main stream: 8 MP@12 fps/5 MP@20 fps; 3 MP@18fps; 4 MP/1080p/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps(N) Sub-stream: WD1/4CIF/CIF@25fps (P)/30fps (N)
SATA Capacity	1 SATA interfaces Up to 10 TB capacity for each disk	2SATA interfaces Up to 10 TB capacity for each disk	2 SATA interfaces Up to 10 TB capacity for each disk	4 SATA interfaces Up to 10 TB capacity for each disk
Array Type	-	-	-	RAID 0, RAID1, RAID5, RAID6, RAID10
Network Interface	1, RJ45 10M/100M/1000M self-adaptive Ethernet interface	1, RJ45 10M/100M/1000M self-adaptive Ethernet interface	1, RJ45 10M/100M/1000M self-adaptive Ethernet interface	2, RJ45 10M/100M/1000M self-adaptive Ethernet interface
Serial Interface	RS-485 (half-duplex)	RS-485 (half-duplex)	RS-485 (half-duplex)	RS-232, RS-485 (full-duplex), Keyboard
USB Port	1 × USB 2.0 1 × USB 3.0	1 × USB 2.0 1 × USB 3.0	1 × USB 2.0 1 × USB 3.0	2 × USB 2.0 1 × USB 3.0
Smart Function	VCA (Line Crossing, Intrusion Detection) all channels	VCA (Line Crossing, Intrusion Detection) all channels	VCA (Line Crossing, Intrusion Detection) all channels	VCA (Line Crossing, Intrusion Detection) all channels
Alarm I/O	4/1	4/1	8/4	16/4
Power	12 VDC	12 VDC	12 VDC	100 to 240 VAC
Chassis	1U (315mm)	1U (380mm)	1U (380mm)	1.5U

Turbo HD DVRs

Value Series

Value Series DVRs offer cost-effective high quality video security solution. The Value Series DVRs deliver high quality video monitoring with H.265 Pro+ and H.265 Pro compression technology, up to 5 MP ultra HD encoding ability and great durability.

- Ultra HD
- H.265 Pro+ / H.265 Pro / H.265
- Adaptive signal input (five types: HDTVI / AHD / CVI / CVBS / IP)
- Enhanced network camera access capability



HD 1080p Lite

Model	DS-7104HGHI-F1	DS-7108HGHI-F1	DS-7116HGHI-F1	DS-7108HGHI-F1/N	DS-7116HGHI-F1/N	DS-7116HGHI-K1
Image						
		Coaxial Audio			Coaxial Audio	
Video Compression	H.264+ / H.264	H.264+ / H.264	H.264+ / H.264	H.264+ / H.264	H.264+ / H.264	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264
Analog Video-Audio Input	4-ch	8-ch	16-ch	8-ch	16-ch	16-ch
IP Video Input	1-ch (up to 5-ch), Up to 1080p	2-ch (up to 10-ch), Up to 1080p	2-ch (up to 18-ch), Up to 1080p	2-ch (up to 10ch), Up to 5 MP	2-ch (up to 18-ch), Up to 5 MP	2-ch (up to 18-ch), Up to 5 MP
Audio Input	1-ch, RCA [2.0 Vp-p, 1 kΩ]	1-ch, RCA [2.0 Vp-p, 1 kΩ]	1-ch, RCA [2.0 Vp-p, 1 kΩ]	1-ch, RCA [2.0 Vp-p, 1 kΩ]	1-ch, RCA [2.0 Vp-p, 1 kΩ]	1-ch, RCA [2.0 Vp-p, 1 kΩ] 16-ch via coaxial cable
HDMI / VGA Output	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI/VGA simultaneous output
Audio Output	1-ch, RCA [Linear, 1kΩ]	1-ch, RCA [Linear, 1kΩ]	1-ch, RCA [Linear, 1kΩ]	1-ch, RCA [Linear, 1kΩ]	1-ch, RCA [Linear, 1kΩ]	1-ch, RCA [Linear, 1kΩ]
Encoding Capability	Main stream: When 1080p Lite mode not enabled: For 720p stream access: 720p/ WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) When 1080p Lite mode enabled: 1080p lite/720p/WD1/4CIF/VGA/ CIF@25fps (P)/30fps (N) Sub-stream: 2CIF@6fps; CIF/QVGA/QCIF@ 25fps (P)/30fps (N)	Main stream: When 1080p Lite mode not enabled: For 720p stream access: 720p/ WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) When 1080p Lite mode enabled: 1080p lite/720p/WD1/4CIF/VGA/ CIF@25fps (P)/30fps (N) Sub-stream: 4CIF/2CIF@6fps; CIF/QVGA/QCIF@ 25fps (P)/30fps (N)	Main stream: When 1080p Lite mode not enabled: For 720p stream access: 720p/ WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) When 1080p Lite mode enabled: 1080p lite/720p/WD1/4CIF/VGA/ CIF@25fps (P)/30fps (N) Sub-stream: 4CIF/2CIF@6fps; CIF/QVGA/QCIF@ 25fps (P)/30fps (N)	Main stream: When 1080p Lite mode enabled: 1080p lite/HD 720p lite/WD1/4CIF/ VGA@12fps; CIF@25fps (P)/30fps (N) When 1080p Lite mode not enabled: For 720p stream access: 720p/WD1/4CIF/VGA@12fps; CIF@25fps (P)/30fps (N) For SD stream access: WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) Sub-stream: CIF/QVGA/QCIF@25fps (P)/30fps (N)	Main stream: When 1080p Lite mode enabled: 1080p lite/HD 720p lite/WD1/4CIF/ VGA@12fps; CIF@25fps (P)/30fps (N) When 1080p Lite mode not enabled: For 720p stream access: 720p/WD1/4CIF/VGA@12fps; CIF@25fps (P)/30fps (N) For SD stream access: WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) Sub-stream: CIF/QVGA/QCIF@25fps (P)/30fps (N)	Main stream: For 1080p stream access: 1080p lite/720p lite/WD1/4CIF/ VGA@15 fps; CIF@25 fps (P)/30 fps (N) For 720p stream access: 720p/ WD1/4CIF/VGA@15 fps; CIF@ 25fps (P)/30 fps (N) For standard definition stream access: WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N) Sub-stream: For 1080p and 720p stream access: CIF/QVGA@15 fps For standard definition stream access: CIF/QVGA@25 fps (P)/30 fps (N)
SATA Capacity	1 SATA interface Up to 6TB capacity for each disk	1 SATA interface Up to 6TB capacity for each disk	1 SATA interface Up to 6TB capacity for each disk	1 SATA interface Up to 6TB capacity for each disk	1 SATA interface Up to 6TB capacity for each disk	1 SATA interface Up to 10TB capacity for each disk
Network Interface	1, RJ45 10M/100M self-adaptive Ethernet interface	1, RJ45 10M/100M self-adaptive Ethernet interface	1, RJ45 10M/100M self-adaptive Ethernet interface	1, RJ45 10M/100M self-adaptive Ethernet interface	1, RJ45 10M/100M self-adaptive Ethernet interface	1, RJ45 10M/100M self-adaptive Ethernet interface
Serial Interface	-	-	-	-	-	-
USB Port	2 × USB 2.0	2 × USB 2.0	2 × USB 2.0	2 × USB 2.0	2 × USB 2.0	2 × USB 2.0
Alarm I/O	-	-	-	-	-	-
Power	12 VDC	12 VDC	12 VDC	12 VDC	12 VDC	12 VDC
Chassis	Mini 1U (200mm)	Mini 1U (200mm)	Mini 1U (285mm)	Mini 1U (200mm)	Mini 1U (285mm)	Mini 1U (285mm)

HD 1080p

Model	DS-7104HQHI-K1	DS-7108HQHI-K1	DS-7116HQHI-K1
Image	 HOT	 HOT	 HOT
Video Compression	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264
Analog Video-Audio Input	4-ch, Coaxial video-audio	8-ch, Coaxial video-audio	16-ch, Coaxial video-audio
IP Video Input	2-ch (Up to 6-ch), Up to 6 MP resolution	4-ch (Up to 12-ch), Up to 6 MP resolution	8-ch (Up to 24-ch), Up to 6 MP resolution
Audio Input	1-ch, RCA [2.0 Vp-p, 1 kΩ]	1-ch, RCA [2.0 Vp-p, 1 kΩ]	1-ch, RCA [2.0 Vp-p, 1 kΩ]
HDMI / VGA Output	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	VGA: 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI: 1-ch, 4K [3840 × 2160]/30Hz, 2K [2560 × 1440]/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
Audio Output	1-ch, RCA [Linear, 1kΩ]	1-ch, RCA [Linear, 1kΩ]	1-ch, RCA [Linear, 1kΩ]
Encoding Capability	Main stream: When 1080p Lite mode not enabled: For 4 MP stream access: 4 MP lite@15fps; 1080p lite@720p/ WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) For 3 MP stream access: 3 MP/1080p/720p/VGA/WD1/4CIF/ CIF@15fps For 1080p stream access: 1080p/720p@15fps; VGA/WD1/4CIF/ CIF@25fps (P)/30fps (N) For 720p stream access: 720p/VGA/ WD1/4CIF/CIF@25fps (P)/30fps (N) When 1080p Lite mode enabled: 4 MP lite@3 MP@15fps; 1080p lite@720p lite/VGA/WD1/4CIF/ CIF@25fps (P)/30fps (N) Sub-stream: WD1/4CIF@12fps; CIF@25fps (P)/30fps (N)	Main stream: When 1080p Lite mode not enabled: For 4 MP stream access: 4 MP lite@15fps; 1080p lite@720p/ WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) For 3 MP stream access: 3 MP/1080p/720p/VGA/WD1/4CIF/ CIF@15fps For 1080p stream access: 1080p/720p@15fps; VGA/WD1/4CIF/ CIF@25fps (P)/30fps (N) For 720p stream access: 720p/VGA/ WD1/4CIF/CIF@25fps (P)/30fps (N) When 1080p Lite mode enabled: 4 MP lite@3 MP@15fps; 1080p lite@720p lite/VGA/WD1/4CIF/ CIF@25fps (P)/30fps (N) Sub-stream: WD1/4CIF@12fps; CIF@25fps (P)/30fps (N)	Main stream: When 1080p Lite mode not enabled: For 4 MP stream access: 4 MP lite@15fps; 1080p lite@720p/ WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) For 3 MP stream access: 3 MP/1080p/720p/VGA/WD1/4CIF/ CIF@15fps For 1080p stream access: 1080p/720p@15fps; VGA/WD1/4CIF/ CIF@25fps (P)/30fps (N) For 720p stream access: 720p/VGA/ WD1/4CIF/CIF@25fps (P)/30fps (N) When 1080p Lite mode enabled: 4 MP lite@3 MP@15fps; 1080p lite@720p lite/VGA/WD1/4CIF/ CIF@25fps (P)/30fps (N) Sub-stream: WD1/4CIF@12fps; CIF@25fps (P)/30fps (N)
SATA Capacity	1 SATA interface Up to 6 TB capacity for each disk	1 SATA interface Up to 6 TB capacity for each disk	1 SATA interface Up to 6 TB capacity for each disk
Network Interface	1, RJ45 10M/100M self-adaptive Ethernet interface	1, RJ45 10M/100M self-adaptive Ethernet interface	1, RJ45 10M/100M/1000M self-adaptive Ethernet interface
Serial Interface	-	-	-
USB Port	2 × USB 2.0	2 × USB 2.0	2 × USB 2.0
Alarm I/O	-	-	-
Power	12 VDC	12 VDC	12 VDC
Chassis	Mini 1U [200mm]	Mini 1U [200mm]	Mini 1U [285mm]

5 MP

Model	DS-7104HUHI-K1	DS-7108HUHI-K1	
Image	 Coaxial Audio	 Coaxial Audio	
Video Compression	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264	
Analog Video-Audio Input	4-ch, Coaxial video-audio	8-ch, Coaxial video-audio	
IP Video Input	4-ch (Up to 8-ch), Up to 8 MP resolution	8-ch (Up to 16-ch), Up to 8 MP resolution	
Audio Input	1-ch, RCA [2.0 Vp-p, 1 kΩ]	1-ch, RCA [2.0 Vp-p, 1 kΩ]	
HDMI / VGA Output	1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	
Audio Output	1-ch, RCA [Linear, 1kΩ]	1-ch, RCA [Linear, 1kΩ]	
Encoding Capability	Main stream: When 8 MP Lite mode is not enabled: 8 MP@8 fps/SMP@12 fps/4 MP@15 fps/3 MP@18 fps 1080p/720p/ WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N) *: 8 MP@8 fps is only available for channel 1 of DS-7104HUHI-K1. When 8 MP Lite mode enabled: 8 MP Lite@3 MP@15 fps *: 8 MP Lite is only available for channel 1 of DS-7104HUHI-K1. Main stream: When 8 MP Lite mode is not enabled: 8 MP@8 fps/SMP@12 fps/4 MP@15 fps/3 MP@18 fps 1080p/720p/ WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N) *: 8 MP@8 fps is only available for channel 1 of DS-7104HUHI-K1.	Main stream: When 8 MP Lite mode is not enabled: 8 MP@8 fps/SMP@12 fps/4 MP@15 fps/3 MP@18 fps 1080p/720p/ WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N) *: 8 MP@8 fps is only available for channel 1 of DS-7104HUHI-K1. When 8 MP Lite mode enabled: 8 MP Lite@3 MP@15 fps *: 8 MP Lite is only available for DS-7104HUHI-K1. Sub-stream: WD1/4CIF/CIF@25 fps (P)/30 fps (N)	Main stream: When 8 MP Lite mode is not enabled: 8 MP@8 fps/SMP@12 fps/4 MP@15 fps/3 MP@18 fps 1080p/720p/ WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N) *: 8 MP@8 fps is only available for channel 1 of DS-7104HUHI-K1. When 8 MP Lite mode enabled: 8 MP Lite@3 MP@15 fps *: 8 MP Lite is only available for DS-7104HUHI-K1. Sub-stream: WD1/4CIF/CIF@25 fps (P)/30 fps (N)
SATA Capacity	1 SATA interface Up to 6TB capacity for each disk	1 SATA interface Up to 6TB capacity for each disk	1 SATA interface Up to 6TB capacity for each disk
Network Interface	1, RJ45 10M/100M self-adaptive Ethernet interface	1, RJ45 10M/100M/1000M self-adaptive Ethernet interface	
Serial Interface	-	-	
USB Port	2 × USB 2.0	2 × USB 2.0	
Alarm I/O	-	-	
Power	12 VDC	12 VDC	
Chassis	Mini 1U [200mm]	Mini 1U [200mm]	

Turbo HD PTZ Camera
Turbo HD Camera
DVRs Encoder Network Camera PTZ Dome Camera Panoramic NVR KIT Thermal Monitor Switch Cable Controller & Transmission Accessories DORI Distance

Turbo HD DVRs

Hikvision AcuSense Series

Based on deep learning technology, Hikvision's AcuSense DVRs have the ability to recognize and extract human body and vehicle targets. This way, the AcuSense DVRs achieve high-accuracy alarm functionality as well as rapid retrieval of past video clips based on human or vehicle classifications. These intelligent features liberate users from time-consuming browsing and searching.

- AcuSense Technology
- Motion detection with human / vehicle classification for all analog channels
- Facial comparison
- Ultra HD
- H.265 Pro+ / H.265 Pro / H.265
- Audio over coaxial
- Adaptive signal input (five types: HDTVI / AHD / CVI / CVBS / IP)
- Enhanced network camera access capability



Model	iDS-7204HQHI-M1/S	iDS-7208HQHI-M1/S	iDS-7208HQHI-M2/S	iDS-7216HQHI-M1/S	iDS-7216HQHI-M2/S	
Image	 NEW	 NEW	 NEW	 NEW	 NEW	
Video Compression	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264	
Analog Video Input	4-ch	8-ch	8-ch	16-ch	8-ch	
IP Video Input	1-ch (up to 5-ch) IP enhanced mode on: 2-ch (up to 6-ch), each up to 4 Mbps	2-ch (up to 10-ch) IP enhanced mode on: 4-ch (up to 12-ch), each up to 4 Mbps	2-ch (up to 10-ch) IP enhanced mode on: 4-ch (up to 12-ch), each up to 4 Mbps	2-ch (up to 18-ch) IP enhanced mode on: 8-ch (up to 24-ch), each up to 4 Mbps	2-ch (up to 18-ch) IP enhanced mode on: 8-ch (up to 24-ch), each up to 4 Mbps	
Audio Input	1-ch, RCA (2.0 Vp-p, 1 kΩ) 16-ch via coaxial cable	1-ch, RCA (2.0 Vp-p, 1 kΩ) 16-ch via coaxial cable	1-ch, RCA (2.0 Vp-p, 1 kΩ) 16-ch via coaxial cable	1-ch, RCA (2.0 Vp-p, 1 kΩ) 16-ch via coaxial cable	1-ch, RCA (2.0 Vp-p, 1 kΩ) 16-ch via coaxial cable	
HDMI / VGA Output	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz,	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz,	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz,	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz,	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz,	
HDMI2 Output	-	-	-	-	-	
CVBS Output	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480	
Audio Output	1-ch, RCA (Linear, 1kΩ)					
Encoding Capability	Main stream: When 1080p Lite mode not enabled: For 4 MP stream access: 4 MP lite@15 fps; 1080p lite/720p/ WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N) For 3 MP stream access: 3 MP/1080p/720p/ VGA/WD1/4CIF/CIF@15 fps For 1080p stream access: 1080p/720p@15 fps; VGA/WD1/4CIF/ CIF@25 fps (P)/30 fps (N) For 720p stream access: 720p/VGA/ WD1/4CIF/CIF@25 fps (P)/30 fps (N) When 1080p Lite mode enabled: 4 MP lite/3 MP@15 fps; 1080p lite/720p lite/ VGA/WD1/4CIF/CIF@25 fps (P)/30 fps (N) Sub-stream: WD1/4CIF@12 fps; CIF@25 fps (P)/30 fps (N)	Main stream: When 1080p Lite mode not enabled: For 4 MP stream access: 4 MP lite@15 fps; 1080p lite/720p/ WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N) For 3 MP stream access: 3 MP/1080p/720p/ VGA/WD1/4CIF/CIF@15 fps For 1080p stream access: 1080p/720p@15 fps; VGA/WD1/4CIF/ CIF@25 fps (P)/30 fps (N) For 720p stream access: 720p/VGA/ WD1/4CIF/CIF@25 fps (P)/30 fps (N) When 1080p Lite mode enabled: 4 MP lite/3 MP@15 fps; 1080p lite/720p lite/ VGA/WD1/4CIF/CIF@25 fps (P)/30 fps (N) Sub-stream: WD1/4CIF@12 fps; CIF@25 fps (P)/30 fps (N)	Main stream: When 1080p Lite mode not enabled: For 4 MP stream access: 4 MP lite@15 fps; 1080p lite/720p/ WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N) For 3 MP stream access: 3 MP/1080p/720p/ VGA/WD1/4CIF/CIF@15 fps For 1080p stream access: 1080p/720p@15 fps; VGA/WD1/4CIF/ CIF@25 fps (P)/30 fps (N) For 720p stream access: 720p/VGA/ WD1/4CIF/CIF@25 fps (P)/30 fps (N) When 1080p Lite mode enabled: 4 MP lite/3 MP@15 fps; 1080p lite/720p lite/ VGA/WD1/4CIF/CIF@25 fps (P)/30 fps (N) Sub-stream: WD1/4CIF@12 fps; CIF@25 fps (P)/30 fps (N)	Main stream: When 1080p Lite mode not enabled: For 4 MP stream access: 4 MP lite@15 fps; 1080p lite/720p/ WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N) For 3 MP stream access: 3 MP/1080p/720p/ VGA/WD1/4CIF/CIF@15 fps For 1080p stream access: 1080p/720p@15 fps; VGA/WD1/4CIF/ CIF@25 fps (P)/30 fps (N) For 720p stream access: 720p/VGA/ WD1/4CIF/CIF@25 fps (P)/30 fps (N) When 1080p Lite mode enabled: 4 MP lite/3 MP@15 fps; 1080p lite/720p lite/ VGA/WD1/4CIF/CIF@25 fps (P)/30 fps (N) Sub-stream: WD1/4CIF@12 fps; CIF@25 fps (P)/30 fps (N)	Main stream: When 1080p Lite mode not enabled: For 4 MP stream access: 4 MP lite@15 fps; 1080p lite/720p/ WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N) For 3 MP stream access: 3 MP/1080p/720p/ VGA/WD1/4CIF/CIF@15 fps For 1080p stream access: 1080p/720p@15 fps; VGA/WD1/4CIF/ CIF@25 fps (P)/30 fps (N) For 720p stream access: 720p/VGA/ WD1/4CIF/CIF@25 fps (P)/30 fps (N) When 1080p Lite mode enabled: 4 MP lite/3 MP@15 fps; 1080p lite/720p lite/ VGA/WD1/4CIF/CIF@25 fps (P)/30 fps (N) Sub-stream: WD1/4CIF@12 fps; CIF@25 fps (P)/30 fps (N)	Main stream: When 1080p Lite mode not enabled: For 4 MP stream access: 4 MP lite@15 fps; 1080p lite/720p/ WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N) For 3 MP stream access: 3 MP/1080p/720p/ VGA/WD1/4CIF/CIF@15 fps For 1080p stream access: 1080p/720p@15 fps; VGA/WD1/4CIF/ CIF@25 fps (P)/30 fps (N) For 720p stream access: 720p/VGA/ WD1/4CIF/CIF@25 fps (P)/30 fps (N) When 1080p Lite mode enabled: 4 MP lite/3 MP@15 fps; 1080p lite/720p lite/ VGA/WD1/4CIF/CIF@25 fps (P)/30 fps (N) Sub-stream: WD1/4CIF@12 fps; CIF@25 fps (P)/30 fps (N)
SATA Capacity	1 SATA interface, up to 10 TB capacity for each disk	1 SATA interface, up to 10 TB capacity for each disk	2 SATA interfaces, up to 10 TB capacity for each disk	1 SATA interface, up to 10 TB capacity for each disk	2 SATA interfaces, up to 10 TB capacity for each disk	
Network Interface	1, RJ45 10M/100M self-adaptive Ethernet interface	1, RJ45 10M/100M self-adaptive Ethernet interface	1, RJ45 10M/100M self-adaptive Ethernet interface	1, RJ45 10M/100M/1000M self-adaptive Ethernet interface	1, RJ45 10M/100M/1000M self-adaptive Ethernet interface	
Serial Interface	RS-485 (half-duplex)					
USB Port	2 × USB 2.0	2 × USB 2.0	2 × USB 2.0	1 × USB 2.0 1 × USB 3.0	1 × USB 2.0 1 × USB 3.0	
Smart Function	1. VCA: Line crossing, Intrusion detection 2. 1-ch facial detection and capture 3. False alarm filter Based on human body & vehicle recognition, up to 2-ch	1. VCA: Line crossing, Intrusion detection 2. 1-ch facial detection and capture 3. False alarm filter Based on human body & vehicle recognition, up to 4-ch	1. VCA: Line crossing, Intrusion detection 2. 1-ch facial detection and capture 3. False alarm filter Based on human body & vehicle recognition, up to 4-ch	1. VCA: Line crossing, Intrusion detection 2. 1-ch facial detection and capture 3. False alarm filter Based on human body & vehicle recognition, up to 4-ch	1. VCA: Line crossing, Intrusion detection 2. 1-ch facial detection and capture 3. False alarm filter Based on human body & vehicle recognition, up to 4-ch	
Alarm I/O	-	-	-	-	-	
Power	12 VDC					
Chassis	1U (315mm)	1U (315mm)	1U (380mm)	1U (315mm)	1U (380mm)	

 Turbo HD PZT Camera
 Turbo HD Camera
 DVRs Encoder Network Camera PTZ Dome Camera Panoramic Camera NVR KIT Thermal Monitor Switch Cable Controller & Transmission Accessories DORI Distance

Model	iDS-7204HQHI-M1/FA	iDS-7208HQHI-M1/FA	iDS-7208HQHI-M2/FA	iDS-7216HQHI-M1/FA	iDS-7216HQHI-M2/FA
Image	 NEW	 NEW	 NEW	 NEW	 NEW
Video Compression	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264
Analog Video Input	4-ch	8-ch	8-ch	16-ch	16-ch
IP Video Input	1-ch (up to 5-ch) IP enhanced mode on: 2-ch (up to 6-ch), each up to 4 Mbps	2-ch (up to 10-ch) IP enhanced mode on: 4-ch (up to 12-ch), each up to 4 Mbps	2-ch (up to 10-ch) IP enhanced mode on: 4-ch (up to 12-ch), each up to 4 Mbps	2-ch (up to 18-ch) IP enhanced mode on: 8-ch (up to 24-ch), each up to 4 Mbps	2-ch (up to 18-ch) IP enhanced mode on: 8-ch (up to 24-ch), each up to 4 Mbps
Audio Input	1-ch, RCA [2.0 Vp-p, 1 kΩ] 16-ch via coaxial cable	1-ch, RCA [2.0 Vp-p, 1 kΩ] 16-ch via coaxial cable	1-ch, RCA [2.0 Vp-p, 1 kΩ] 16-ch via coaxial cable	1-ch, RCA [2.0 Vp-p, 1 kΩ] 16-ch via coaxial cable	1-ch, RCA [2.0 Vp-p, 1 kΩ] 16-ch via coaxial cable
HDMI / VGA Output	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz,	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz,	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz,	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz,	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz,
HDMI2 Output	-	-	-	-	-
CVBS Output	1-ch, BNC [1.0 Vp-p, 75 Ω], resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC [1.0 Vp-p, 75 Ω], resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC [1.0 Vp-p, 75 Ω], resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC [1.0 Vp-p, 75 Ω], resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC [1.0 Vp-p, 75 Ω], resolution: PAL: 704 × 576, NTSC: 704 × 480
Audio Output	1-ch, RCA [Linear, 1kΩ]				
Encoding Capability	Main stream: When 1080p Lite mode not enabled: For 4 MP stream access: 4 MP lite@15 fps; 1080p Lite/720p/ WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N) For 3 MP stream access: 3 MP/1080p/720p/ VGA/WD1/4CIF/CIF@15 fps For 1080p stream access: 1080p/720p@15 fps; VGA/WD1/4CIF/ CIF@25 fps (P)/30 fps (N) For 720p stream access: 720p/VGA/ WD1/4CIF/CIF@25 fps (P)/30 fps (N) When 1080p Lite mode enabled: 4 MP Lite/3 MP@15 fps; 1080p Lite/720p Lite/ VGA/WD1/4CIF/CIF@25 fps (P)/30 fps (N) Sub-stream: WD1/4CIF@12 fps; CIF@25 fps (P)/30 fps (N)	Main stream: When 1080p Lite mode not enabled: For 4 MP stream access: 4 MP Lite@15 fps; 1080p Lite/720p/ WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N) For 3 MP stream access: 3 MP/1080p/720p/ VGA/WD1/4CIF/CIF@15 fps For 1080p stream access: 1080p/720p@15 fps; VGA/WD1/4CIF/ CIF@25 fps (P)/30 fps (N) For 720p stream access: 720p/VGA/ WD1/4CIF/CIF@25 fps (P)/30 fps (N) When 1080p Lite mode enabled: 4 MP Lite/3 MP@15 fps; 1080p Lite/720p Lite/ VGA/WD1/4CIF/CIF@25 fps (P)/30 fps (N) Sub-stream: WD1/4CIF@12 fps; CIF@25 fps (P)/30 fps (N)	Main stream: When 1080p Lite mode not enabled: For 4 MP stream access: 4 MP Lite@15 fps; 1080p Lite/720p/ WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N) For 3 MP stream access: 3 MP/1080p/720p/ VGA/WD1/4CIF/CIF@15 fps For 1080p stream access: 1080p/720p@15 fps; VGA/WD1/4CIF/ CIF@25 fps (P)/30 fps (N) For 720p stream access: 720p/VGA/ WD1/4CIF/CIF@25 fps (P)/30 fps (N) When 1080p Lite mode enabled: 4 MP Lite/3 MP@15 fps; 1080p Lite/720p Lite/ VGA/WD1/4CIF/CIF@25 fps (P)/30 fps (N) Sub-stream: WD1/4CIF@12 fps; CIF@25 fps (P)/30 fps (N)	Main stream: When 1080p Lite mode not enabled: For 4 MP stream access: 4 MP Lite@15 fps; 1080p Lite/720p/ WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N) For 3 MP stream access: 3 MP/1080p/720p/ VGA/WD1/4CIF/CIF@15 fps For 1080p stream access: 1080p/720p@15 fps; VGA/WD1/4CIF/ CIF@25 fps (P)/30 fps (N) For 720p stream access: 720p/VGA/ WD1/4CIF/CIF@25 fps (P)/30 fps (N) When 1080p Lite mode enabled: 4 MP Lite/3 MP@15 fps; 1080p Lite/720p Lite/ VGA/WD1/4CIF/CIF@25 fps (P)/30 fps (N) Sub-stream: WD1/4CIF@12 fps; CIF@25 fps (P)/30 fps (N)	Main stream: When 1080p Lite mode not enabled: For 4 MP stream access: 4 MP Lite@15 fps; 1080p Lite/720p/ WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N) For 3 MP stream access: 3 MP/1080p/720p/ VGA/WD1/4CIF/CIF@15 fps For 1080p stream access: 1080p/720p@15 fps; VGA/WD1/4CIF/ CIF@25 fps (P)/30 fps (N) For 720p stream access: 720p/VGA/ WD1/4CIF/CIF@25 fps (P)/30 fps (N) When 1080p Lite mode enabled: 4 MP Lite/3 MP@15 fps; 1080p Lite/720p Lite/ VGA/WD1/4CIF/CIF@25 fps (P)/30 fps (N) Sub-stream: WD1/4CIF@12 fps; CIF@25 fps (P)/30 fps (N)
SATA Capacity	1 SATA interface, up to 10 TB capacity for each disk	1 SATA interface, up to 10 TB capacity for each disk	2 SATA interfaces, up to 10 TB capacity for each disk	1 SATA interface, up to 10 TB capacity for each disk	2 SATA interfaces, up to 10 TB capacity for each disk
Network Interface	1, RJ45 10M/100M self-adaptive Ethernet interface	1, RJ45 10M/100M self-adaptive Ethernet interface	1, RJ45 10M/100M self-adaptive Ethernet interface	1, RJ45 10M/100M/1000M self-adaptive Ethernet interface	1, RJ45 10M/100M/1000M self-adaptive Ethernet interface
Serial Interface	RS-485 (half-duplex)				
USB Port	2 × USB 2.0	2 × USB 2.0	2 × USB 2.0	1 × USB 2.0 1 × USB 3.0	1 × USB 2.0 1 × USB 3.0
Smart Function	1. VCA: Line crossing, Intrusion detection 2. 1-ch face picture comparison alarm 3. False alarm filter Based on human body & vehicle recognition, up to 2-ch	1. VCA: Line crossing, Intrusion detection 2. 1-ch face picture comparison alarm 3. False alarm filter Based on human body & vehicle recognition, up to 4-ch	1. VCA: Line crossing, Intrusion detection 2. 1-ch face picture comparison alarm 3. False alarm filter Based on human body & vehicle recognition, up to 4-ch	1. VCA: Line crossing, Intrusion detection 2. 1-ch face picture comparison alarm 3. False alarm filter Based on human body & vehicle recognition, up to 4-ch	1. VCA: Line crossing, Intrusion detection 2. 1-ch face picture comparison alarm 3. False alarm filter Based on human body & vehicle recognition, up to 4-ch
Alarm I/O	-	-	-	-	-
Power	12 VDC				
Chassis	1U (315mm)	1U (315mm)	1U (380mm)	1U (315mm)	1U (380mm)

Model	iDS-7204HUHI-M1/S	iDS-7204HUHI-M2/S	iDS-7208HUHI-M1/S	iDS-7208HUHI-M2/S
Image	 NEW	 NEW	 NEW	 NEW
	Turbo HD 5.0	Turbo HD 5.0	Turbo HD 5.0	Turbo HD 5.0
Video Compression	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264
Analog Video Input	4-ch	4-ch	4-ch	4-ch
IP Video Input	2-ch (up to 6-ch) IP enhanced mode on: 4-ch (up to 8-ch), each up to 4 Mbps	2-ch (up to 6-ch) IP enhanced mode on: 4-ch (up to 8-ch), each up to 4 Mbps	4-ch (up to 12-ch) IP enhanced mode on: 8-ch (up to 16-ch), each up to 4 Mbps	4-ch (up to 12-ch) IP enhanced mode on: 8-ch (up to 16-ch), each up to 4 Mbps
Audio Input	1-ch, RCA [2.0 Vp-p, 1 kΩ]	1-ch, RCA [2.0 Vp-p, 1 kΩ]	1-ch, RCA [2.0 Vp-p, 1 kΩ]	1-ch, RCA [2.0 Vp-p, 1 kΩ]
HDMI / VGA Output	1-ch, 2K [2560 × 1440]/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI/VGA simultaneous output	1-ch, 2K [2560 × 1440]/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI/VGA simultaneous output	1-ch, 4K [3840 × 2160]/30Hz, 2K [2560 × 1440]/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI/VGA simultaneous output	1-ch, 4K [3840 × 2160]/30Hz, 2K [2560 × 1440]/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI/VGA simultaneous output
HDMI2 Output	-	-	-	-
CVBS Output	1-ch, BNC [1.0 Vp-p, 75 Ω], resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC [1.0 Vp-p, 75 Ω], resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC [1.0 Vp-p, 75 Ω], resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC [1.0 Vp-p, 75 Ω], resolution: PAL: 704 × 576, NTSC: 704 × 480
Audio Output	1-ch, RCA [Linear, 1 kΩ]	1-ch, RCA [Linear, 1 kΩ]	1-ch, RCA [Linear, 1 kΩ]	1-ch, RCA [Linear, 1 kΩ]
Encoding Capability	Main stream: 8 MP@8 fps/5 MP@12 fps/4 MP@15 fps/3 MP@18 fps 1080p/720p/WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N) Sub-stream: WD1/4CIF/CIF@25 fps (P)/30 fps (N)	Main stream: 8 MP@8 fps/5 MP@12 fps/4 MP@15 fps/3 MP@18 fps 1080p/720p/WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N) Sub-stream: WD1/4CIF/CIF@25 fps (P)/30 fps (N)	Main stream: 8 MP@8 fps/5 MP@12 fps/ 4 MP@15 fps/3 MP@18 fps 1080p/720p/WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N) Sub-stream: WD1/4CIF/CIF@25 fps (P)/30 fps (N)	Main stream: 8 MP@8 fps/5 MP@12 fps/ 4 MP@15 fps/3 MP@18 fps 1080p/720p/WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N) Sub-stream: WD1/4CIF/CIF@25 fps (P)/30 fps (N)
SATA Capacity	1 SATA interface Up to 10 TB capacity for each disk	2 SATA interface Up to 10 TB capacity for each disk	1 SATA interface Up to 10 TB capacity for each disk	2 SATA interface Up to 10 TB capacity for each disk
Network Interface	1, RJ45 10M/100M self-adaptive Ethernet interface	1, RJ45 10M/100M self-adaptive Ethernet interface	1, RJ45 10M/100M/1000M self-adaptive Ethernet interface	1, RJ45 10M/100M/1000M self-adaptive Ethernet interface
Serial Interface	RS-485 [half-duplex]	RS-485 [half-duplex]	RS-485 [half-duplex]	RS-485 [half-duplex]
USB Port	2 × USB 2.0	2 × USB 2.0	1 × USB 2.0 1 × USB 3.0	1 × USB 2.0 1 × USB 3.0
Smart Function	1. VCA: Line crossing, Intrusion detection 2. 1-ch facial detection and capture 3. False alarm filter Based on human body & vehicle recognition, up to 4-ch	1. VCA: Line crossing, Intrusion detection 2. 1-ch facial detection and capture 3. False alarm filter Based on human body & vehicle recognition, up to 4-ch	1. VCA: Line crossing, Intrusion detection 2. 1-ch facial detection and capture 3. False alarm filter Based on human body & vehicle recognition, up to 4-ch	1. VCA: Line crossing, Intrusion detection 2. 1-ch facial detection and capture 3. False alarm filter Based on human body & vehicle recognition, up to 4-ch
Alarm I/O	-	-	-	-
Power	12 VDC	12 VDC	12 VDC	12 VDC
Chassis	1U (315mm)	1U (380mm)	1U (315mm)	1U (380mm)

Model	iDS-7204HUHI-M1/FA	iDS-7204HUHI-M2/FA	iDS-7208HUHI-M1/FA	iDS-7208HUHI-M2/FA
Image	 NEW	 NEW	 NEW	 NEW
	Turbo HD 5.0	Turbo HD 5.0	Turbo HD 5.0	Turbo HD 5.0
Video Compression	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264
Analog Video Input	4-ch	4-ch	4-ch	4-ch
IP Video Input	2-ch (up to 6-ch) IP enhanced mode on: 4-ch (up to 8-ch), each up to 4 Mbps	2-ch (up to 6-ch) IP enhanced mode on: 4-ch (up to 8-ch), each up to 4 Mbps	4-ch (up to 12-ch) IP enhanced mode on: 8-ch (up to 16-ch), each up to 4 Mbps	4-ch (up to 12-ch) IP enhanced mode on: 8-ch (up to 16-ch), each up to 4 Mbps
Audio Input	1-ch, RCA (2.0 Vp-p, 1 kΩ) 16-ch via coaxial cable	1-ch, RCA (2.0 Vp-p, 1 kΩ) 16-ch via coaxial cable	1-ch, RCA (2.0 Vp-p, 1 kΩ) 16-ch via coaxial cable	1-ch, RCA (2.0 Vp-p, 1 kΩ) 16-ch via coaxial cable
HDMI / VGA Output	1-ch, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI/VGA simultaneous output	1-ch, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI/VGA simultaneous output	1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI/VGA simultaneous output	1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI/VGA simultaneous output
HDMI2 Output	-	-	-	-
CVBS Output	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480
Audio Output	1-ch, RCA (Linear, 1 kΩ)			
Encoding Capability	Main stream: 8 MP@8 fps/5 MP@12 fps/4 MP@15 fps/3 MP@18 fps 1080p/720p/WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N) Sub-stream: WD1/4CIF/CIF@25 fps (P)/30 fps (N)	Main stream: 8 MP@8 fps/5 MP@12 fps/4 MP@15 fps/3 MP@18 fps 1080p/720p/WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N) Sub-stream: WD1/4CIF/CIF@25 fps (P)/30 fps (N)	Main stream: 8 MP@8 fps/5 MP@12 fps/ 4 MP@15 fps/3 MP@18 fps 1080p/720p/WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N) Sub-stream: WD1/4CIF/CIF@25 fps (P)/30 fps (N)	Main stream: 8 MP@8 fps/5 MP@12 fps/ 4 MP@15 fps/3 MP@18 fps 1080p/720p/WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N) Sub-stream: WD1/4CIF/CIF@25 fps (P)/30 fps (N)
SATA Capacity	1 SATA interface Up to 10 TB capacity for each disk	2 SATA interface Up to 10 TB capacity for each disk	1 SATA interface Up to 10 TB capacity for each disk	2 SATA interface Up to 10 TB capacity for each disk
Network Interface	1, RJ45 10M/100M self-adaptive Ethernet interface	1, RJ45 10M/100M self-adaptive Ethernet interface	1, RJ45 10M/100M/1000M self-adaptive Ethernet interface	1, RJ45 10M/100M/1000M self-adaptive Ethernet interface
Serial Interface	RS-485 (half-duplex)	RS-485 (half-duplex)	RS-485 (half-duplex)	RS-485 (half-duplex)
USB Port	2 × USB 2.0	2 × USB 2.0	1 × USB 2.0 1 × USB 3.0	1 × USB 2.0 1 × USB 3.0
Smart Function	1. VCA: Line crossing, Intrusion detection 2. 1-ch face picture comparison alarm (HD analog camera) 3. False alarm filter Based on human body & vehicle recognition, up to 4-ch	1. VCA: Line crossing, Intrusion detection 2. 1-ch face picture comparison alarm (HD analog camera) 3. False alarm filter Based on human body & vehicle recognition, up to 4-ch	1. VCA: Line crossing, Intrusion detection 2. 1-ch face picture comparison alarm (HD analog camera) 3. False alarm filter Based on human body & vehicle recognition, up to 4-ch	1. VCA: Line crossing, Intrusion detection 2. 1-ch face picture comparison alarm (HD analog camera) 3. False alarm filter Based on human body & vehicle recognition, up to 4-ch
Alarm I/O	-	-	-	-
Power	12 VDC	12 VDC	12 VDC	12 VDC
Chassis	1U (315mm)	1U (380mm)	1U (380mm)	1U (380mm)

Turbo HD DVRs

Special Series

Hikvision's banking-specific solution - ATM systems. ATM devices are equipped with smart analysis functions. These functions include multi-channel analyses based on preset rules on certain behaviors in the immediate vicinity around ATM machines.

- H.264 + / H.264
- Deep learning technology
- Multiple VCA events
- Multi-channel smart analysis



Model	IDS-7204AHQHI-M1	IDS-8104AHQXLI-F4	DS-8104AHQ(L)I-K4
Image	 NEW		
Video Compression	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264	H.264 / H.264+	H.264 / H.264+
Analog Video Input	4-ch	4-ch	4-ch
IP Video Input	Defaulted 0-ch; Up to 6-ch, 6 MP resolution	4-ch (Up to 8-ch), 8 MP resolution	4-ch (Up to 8-ch), 8 MP resolution
Audio Input	1-ch, RCA [2.0 Vp-p, 1 kΩ]	4-ch, BNC [2.0 Vp-p, 1 kΩ]	4-ch, BNC [2.0 Vp-p, 1 kΩ]
HDMI / VGA Output	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz, HDMI/VGA simultaneous output	HDMI: 1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA: 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	HDMI: 1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA: 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
CVBS Output	BNC [1.0 Vp-p, 75 Ω], resolution: PAL: 704 × 576, NTSC: 704 × 480	BNC [1.0 Vp-p, 75 Ω], resolution: PAL: 704 × 576, NTSC: 704 × 480	BNC [1.0 Vp-p, 75 Ω], resolution: PAL: 704 × 576, NTSC: 704 × 480
Audio Output	1-ch, RCA [Linear, 1 kΩ]	2-ch, BNC [Linear, 600 Ω]	2-ch, BNC [Linear, 600 Ω]
Encoding Capability	Main stream: When 1080p Lite mode not enabled: For 4 MP stream access: 4 MP Lite@15 fps; 1080p Lite/720p/WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N) For 1080p stream access: 1080p/720p@15 fps; VGA/WD1/4CIF/CIF@25 fps (P)/30 fps (N) For 720p stream access: 720p/VGA/WD1/4CIF/CIF@25 fps (P)/30 fps (N) When 1080p Lite mode enabled: 4 MP Lite@15 fps; 1080p Lite/720p Lite/VGA/WD1/4CIF/CIF@25 fps (P)/30 fps (N) Sub-stream: WD1/4CIF@12 fps; CIF@25 fps (P)/30 fps (N)	Main stream: 3 MP@15fps; 1080p/720p/WD1/VGA/4CIF/CIF@25fps (P)/30fps (N) Sub-stream: WD1/4CIF/2CIF/CIF/QCIF/QVGA	Main stream: 3 MP@15fps; 1080p/720p/WD1/VGA/4CIF/CIF@25fps (P)/30fps (N) Sub-stream: WD1/4CIF/2CIF/CIF/QCIF/QVGA
SATA Capacity	1 SATA interface Up to 8 TB capacity for each disk	4 SATA interface Up to 8 TB capacity for each disk	4 SATA interface Up to 8 TB capacity for each disk
Network Interface	1, RJ45 10/100 Mbps self-adaptive Ethernet interface	2, RJ45 10M/100M/1000M self-adaptive Ethernet interface	2, RJ45 10M/100M/1000M self-adaptive Ethernet interface
Serial Interface	RS-232, RS-485 (full-duplex)	RS-232, RS-485 (full-duplex)	RS-232, RS-485 (full-duplex)
USB Port	2 × USB 2.0	2 × USB 2.0	2 × USB 2.0
Smart Function	1-1-ch human face mode and 1-ch panel mode for analog channel Support overlapping the multiple ATM cards' number and multiple protocols Support triggering recording once inserting the ATM card Enabling/disabling the function of transaction information overlapping during playback and live view Playback by inputting ATM card number, transaction amount or transaction type Playback by smart ATM alarm	Up to 4-ch panel mode, human face mode, or safety cabin mode together; Up to 2-ch environment mode	-
Alarm I/O	N/A	9/4	9/4
Power	12 VDC, 1.5 A	100 to 240 VAC	100 to 240 VAC
Chassis	315 × 242 × 45 mm	180 × 280 × 180 mm	180 × 280 × 180 mm

Encoders

083 DVS



Encoders

Hikvision Encoder Servers allow the analog signal to be digitized and then stored on a hard drive or transmitted via network, capable of encoding at up to 4K resolution.

➤ H.265+ / H.265

➤ Ultra HD

➤ Various network protocols



Model	DS-6701HUHI	DS-6704HUHI	DS-6704HUHI-K	DS-6708HUHI-K	DS-6716HUHI-K
Image					
Video Compression	H.265+ / H.265 / H.264+ / H.264	H.265+ / H.265 / H.264+ / H.264	H.265+ / H.265 / H.264+ / H.264	H.265+ / H.265 / H.264+ / H.264	H.265+ / H.265 / H.264+ / H.264
Analog Video Input	1-ch	4-ch	4-ch	8-ch	16-ch
Supported Analog Camera Types	HDTV: 5 MP, 4 MP, 3 MP, 1080p30, 1080p25, 720p60, 720p50, 720p30, 720p25 AHD: 1080p30, 1080p25, 720p30, 720p25 HDCVI: 1080p30, 1080p25, 720p30, 720p25 CVBS: PAL/NTSC	HDTV: 5 MP, 4 MP, 3 MP, 1080p30, 1080p25, 720p60, 720p50, 720p30, 720p25 AHD: 1080p30, 1080p25, 720p30, 720p25 HDCVI: 1080p30, 1080p25, 720p30, 720p25 CVBS: PAL/NTSC	HDTV: 5 MP, 4 MP, 3 MP, 1080p30, 1080p25, 720p60, 720p50, 720p30, 720p25 AHD: 5 MP, 4 MP, 1080p30, 1080p25, 720p30, 720p25 HDCVI: 4 MP, 1080p30, 1080p25, 720p30, 720p25 CVBS: PAL/NTSC	HDTV: 8 MP, 5 MP, 4 MP, 3 MP, 1080p30, 1080p25, 720p60, 720p50, 720p30, 720p25 AHD: 5 MP, 4 MP, 1080p30, 1080p25, 720p30, 720p25 HDCVI: 4 MP, 1080p30, 1080p25, 720p30, 720p25 CVBS: PAL/NTSC	HDTV: 8 MP, 5 MP, 4 MP, 3 MP, 1080p30, 1080p25, 720p60, 720p50, 720p30, 720p25 AHD: 5 MP, 4 MP, 1080p30, 1080p25, 720p30, 720p25 HDCVI: 4 MP, 1080p30, 1080p25, 720p30, 720p25 CVBS: PAL/NTSC
Audio Output	1-ch, RCA (Linear, 1 KΩ)	1-ch, RCA (Linear, 1 KΩ)	1-ch, RCA (Linear, 1 KΩ)	1-ch, RCA (Linear, 1 KΩ)	1-ch, RCA (Linear, 1 KΩ)
Audio Input	1-ch, 3.5mm interface (2.0 Vp-p, 1 kΩ) (LINE IN)	4-ch, RCA (2.0 Vp-p, 1 KΩ)	4-ch, RCA (2.0 Vp-p, 1 KΩ)	4-ch, RCA (2.0 Vp-p, 1 KΩ)	4-ch, RCA (2.0 Vp-p, 1 KΩ)
Encoding Capability	Main stream: 5 MP@12fps/4 MP@15fps/3 MP@18fps 1080p/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) Sub-stream: WD1/4CIF/CIF@25fps (P)/30fps (N)	Main stream: 5 MP@12fps/4 MP@15fps/3 MP@18fps 1080p/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) Sub-stream: WD1/4CIF/CIF@25fps (P)/30fps (N)	Main stream: 5 MP@12fps/4 MP@15fps/3 MP@18fps 1080p/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) Sub-stream: WD1/4CIF/CIF@25fps (P)/30fps (N)	Main stream: 8 MP@8fps/5 MP@12fps/4 MP@15fps/3 MP@18fps 1080p/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) Sub-stream: WD1/4CIF/CIF@25fps (P)/30fps (N)	Main stream: 8 MP@8fps/5 MP@12fps/4 MP@15fps/3 MP@18fps 1080p/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) Sub-stream: WD1/4CIF/CIF@25fps (P)/30fps (N)
Storage	1 Micro SD card slot, supports Micro SD card 8G Up to 128 GB	1 Micro SD card slot, supports Micro SD card 8G Up to 128 GB	1 SATA interface Up to 8 TB capacity for each disk	2 SATA interface Up to 8 TB capacity for each disk	2 SATA interface Up to 8 TB capacity for each disk
Network Interface	1, RJ45 10M/100M self-adaptive Ethernet interface	1, RJ45 10M/100M self-adaptive Ethernet interface	1, RJ45 10M/100M self-adaptive Ethernet interface	1, RJ45 10M/100M/1000M self-adaptive Ethernet interface	1, RJ45 10M/100M/1000M self-adaptive Ethernet interface
Serial Interface	RS-485 (half-duplex); RS-232	RS-485 (half-duplex); RS-232	RS-485 (half-duplex); RS-232	RS-485 (half-duplex); RS-232	RS-485 (half-duplex); RS-232
Alarm I/O	1/1	4/2	4/1	8/4	16/4
Power	12 VDC	12 VDC	12 VDC	12 VDC	12 VDC
Chassis	162.5 × 114 × 47.5 mm (6.4 × 4.5 × 1.9 inch)	162.5 × 114 × 47.5 mm (6.4 × 4.5 × 1.9 inch)	315 × 242 × 45 mm (12.4 × 9.5 × 1.8 inch)	380 × 320 × 48 mm (15.0 × 12.6 × 1.9 inch)	380 × 320 × 48 mm (15.0 × 12.6 × 1.9 inch)

EasyIP History

In 2012, Hikvision launched the first iteration of the EasyIP Solution, making a significant impact on the industry.

EasyIP 1.0 employed the H.264 codec and offered 1.3, 2, and 3 MP cameras. Hikvision responded to the increased demand for this renowned solution, applying more advanced technologies in 2014. The result was EasyIP 2.0, utilizing the H.264+ codec, and this time offering 2 MP and 4 MP cameras. More than that, the 2.0 version carried 120 dB Wide Dynamic Range cameras and Hik-Connect Service, opening up new possibilities and extending system management.

In 2017, the EasyIP 3.0 Solution featured the H.265+ codec, maximizing resources and taking video resolution up to 4K! Sharp, vivid imaging during the day was complemented by powerful DarkFighter technology at night. What's more, the 3.0 version provided more VCA functions, extended power-over-Ethernet functionality, and more. But Hikvision did not stop there.

The EasyIP 4.0 Solution builds on the already powerful functions, now achieving colorful imaging in zero-light environments with Hikvision ColorVu technology. Hikvision AcuSense technology – now in both front-end and back-end products – provides more efficient security management. The best SMB solution just got better!

EasyIP 4.0



ColorVu

- H.265 & H.265+
- Up to 4K resolution
- Powered by DarkFighter

EasyIP 3.0

- H.265 & H.265+
- Up to 4K resolution
- More VCA functions
- Super PoE
- Powered by DarkFighter

EasyIP 2.0+

- H.265 & H.265+
- Up to 4K resolution
- VCA functions
- Super PoE

EasyIP 2.0

- H.264+
- 4 MP / 2 MP
- 120 dB WDR
- Hik-Connect Service

EasyIP 1.0

- H.264
- 3 MP / 2 MP / 1.3 MP

Powered by DarkFighter

The excellent low-light imaging is supported on cameras of up-to-4K ultra HD resolution.

The combination of bright night imagery and high definition guarantees round-the-clock recording of video evidence.

Better color imaging in low-light environments

2 MP



Captured with a conventional
2 MP camera



Captured with a Powered by
DarkFighter 2 MP camera

4 MP



Captured with a conventional
4 MP camera



Captured with a Powered by
DarkFighter 4 MP camera

8 MP (4K)



Captured with a conventional
8MP camera



Captured with a Powered by
DarkFighter 8 MP camera

Other Features

Video Content Analytics is no longer reserved only for enterprise level security systems. The EasyIP solution brings VCAs into reach for SMB security. Designed for state-of-the-art performance with easy installation, our solution comes armed with reliable components and robust protections. With automatic network backup features and simple Internet connection services, a vigorous security system goes into operation quickly—and stays that way.

- VCAs
- Designed for easy installation
- 120 dB WDR (Wide Dynamic Range)
- EXIR 2.0
- Triple-stream
- On-board storage
- IP67, IP66, & IK10 protection
- ANR (Automatic Network Replenishment)
- Dual system backup (NVR)
- IP address automatic allocation
- Free Hik-Connect cloud service

Network Cameras

87 Pro Series (EasyIP)

109 Value Series



Network Cameras

Pro Series (EasyIP)

Simply Powerful, the Easier Journey to Better Security

With a perfect balance of performance and value, Hikvision Pro Series network cameras aim to provide just the right components, including intelligent features that are affordable and easy to use.

- Hikvision AcuSense technology: focus on human / vehicle targets
- Hikvision ColorVu technology: 24/7 colorful imaging
- H.265+ / H.265 codec
- Up to 4K ultra-HD
- Powered by DarkFighter
- Efficient VCA functions
- Easy to install, set up, and manage



Model	DS-2CD2026G2-I(U)	DS-2CD2026G2-IU/SL	DS-2CD2046G2-I(U)	DS-2CD2046G2-IU/SL	DS-2CD2086G2-I(U)
Image	 Hikvision AcuSense	 Hikvision AcuSense	 Hikvision AcuSense	 Hikvision AcuSense	 Hikvision AcuSense
Image Sensor	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS
Resolution	1920 × 1080	1920 × 1080	2592 × 1944	2592 × 1944	3840 × 2160
Video Compression	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG
Min. Illumination	0.002 Lux @ [F1.4, AGC ON]	0.002 Lux @ [F1.4, AGC ON]	0.003 Lux @ [F1.4, AGC ON]	0.003 Lux @ [F1.4, AGC ON]	0.003 Lux @ [F1.6, AGC ON]
WDR	120dB	120dB	120dB	120dB	120dB
Lens	2.8mm, 4 mm, 6 mm	2.8mm, 4 mm, 6 mm	2.8mm, 4 mm, 6 mm	2.8mm, 4 mm, 6 mm	2.8mm, 4 mm, 6 mm
FOV	2.8 mm, horizontal FOV 107°, vertical FOV 57°, diagonal FOV 129° 4 mm, horizontal FOV 86°, vertical FOV 47°, diagonal FOV 102° 6 mm, horizontal FOV 55°, vertical FOV 29°, diagonal FOV 65°	2.8 mm, horizontal FOV: 107°, vertical FOV: 57°, diagonal FOV: 129° 4 mm, horizontal FOV: 86°, vertical FOV: 47°, diagonal FOV: 102° 6 mm, horizontal FOV: 55°, vertical FOV: 29°, diagonal FOV: 65°	2.8 mm, horizontal FOV 103°, vertical FOV 55°, diagonal FOV 123° 4 mm, horizontal FOV 83°, vertical FOV 45°, diagonal FOV 98° 6 mm, horizontal FOV 53°, vertical FOV 28°, diagonal FOV 62°	2.8 mm, horizontal FOV 103°, vertical FOV 55°, diagonal FOV 123° 4 mm, horizontal FOV 83°, vertical FOV 45°, diagonal FOV 98° 6 mm, horizontal FOV 53°, vertical FOV 28°, diagonal FOV 62°	2.8 mm, horizontal FOV: 102°, vertical FOV: 55°, diagonal FOV: 120° 4 mm, horizontal FOV: 78°, vertical FOV: 43°, diagonal FOV: 92° 6 mm, horizontal FOV: 50°, vertical FOV: 27°, diagonal FOV: 59°
Max. IR Range	40 m	40 m	40 m	40 m	40 m
VCA	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection
Frame Rate	50Hz: 25fps [1920 × 1080, 1280 × 720] 60Hz: 30fps [1920 × 1080, 1280 × 720]	50Hz: 25fps [1920 × 1080, 1280 × 720] 60Hz: 30fps [1920 × 1080, 1280 × 720]	50Hz: 20fps [2592 × 1944] 25fps [2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720] 60Hz: 20fps [2944 × 1656] 30fps [2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720]	50Hz: 20fps [2592 × 1944] 25fps [2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720] 60Hz: 20fps [2944 × 1656] 30fps [2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720]	50Hz: 20fps [3840 × 2160, 3072 × 1728], 25fps [2688 × 1520, 1920 × 1080, 1280 × 720] 60Hz: 20fps [3840 × 2160, 3072 × 1728], 30fps [2688 × 1520, 1920 × 1080, 1280 × 720]
Streams	3	3	3	3	3
Protection Level	-I model: IP67 -IU model: IP66	IP66	-I model: IP67 -IU model: IP66	IP66	-I model: IP67 -IU model: IP66
Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°
Operating Temperature	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)
Humidity	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)
Local Storage	256 GB	256 GB	256 GB	256 GB	256 GB
Indoor/Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Audio I/O	Built-in microphone(-IU)	1 built-in microphone 1 built-in speaker	Built-in microphone(-IU)	1 built-in microphone 1 built-in speaker	Built-in microphone(-IU)
Alarm I/O	-	-	-	-	-
Power	12 VDC ± 25%, PoE [802.3af, class 3]	12 VDC ± 25%, PoE [802.3af, class 3]	12 VDC ± 25%, PoE [802.3af, class 3]	12 VDC ± 25%, PoE [802.3af, class 3]	12 VDC ± 25%, PoE [802.3af, class 3]

Model	DS-2CD2126G2-(-ISU)	DS-2CD2146G2-(-ISU)	DS-2CD2326G2-(-IU)	DS-2CD2326G2-ISU/SL	DS-2CD2346G2-(-IU)
Image	 NEW	 NEW	 NEW	 NEW	 NEW
Image Sensor	Hikvision AcuSense	Hikvision AcuSense	Hikvision AcuSense	Hikvision AcuSense	Hikvision AcuSense
Image Sensor	1/2.8" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS
Resolution	1920 × 1080	2592 × 1944	1920 × 1080	1920 × 1080	2592 × 1944
Video Compression	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG
Min. Illumination	0.002 Lux @ [F1.4, AGC ON]	0.003 Lux @ [F1.4, AGC ON]	0.002 Lux @ [F1.4, AGC ON]	0.002 Lux @ [F1.4, AGC ON]	0.003 Lux @ [F1.4, AGC ON]
WDR	120dB	120dB	120dB	120dB	120dB
Lens	2.8mm, 4 mm, 6 mm	2.8mm, 4 mm, 6 mm	2.8mm, 4 mm, 6 mm	2.8mm, 4 mm, 6 mm	2.8mm, 4 mm, 6 mm
FOV	2.8 mm, horizontal FOV 107°, vertical FOV 57°, diagonal FOV 129° 4 mm, horizontal FOV 86°, vertical FOV 47°, diagonal FOV 102° 6 mm, horizontal FOV 55°, vertical FOV 29°, diagonal FOV 65°	2.8 mm, horizontal FOV 103°, vertical FOV 55°, diagonal FOV 123° 4 mm, horizontal FOV 83°, vertical FOV 45°, diagonal FOV 98° 6 mm, horizontal FOV 53°, vertical FOV 28°, diagonal FOV 62°	2.8 mm, horizontal FOV 107°, vertical FOV 57°, diagonal FOV 129° 4 mm, horizontal FOV 86°, vertical FOV 47°, diagonal FOV 102° 6 mm, horizontal FOV 55°, vertical FOV 29°, diagonal FOV 65°	2.8 mm, horizontal FOV 107°, vertical FOV 57°, diagonal FOV 129° 4 mm, horizontal FOV 86°, vertical FOV 47°, diagonal FOV 102° 6 mm, horizontal FOV 55°, vertical FOV 29°, diagonal FOV 65°	2.8 mm, horizontal FOV 103°, vertical FOV 55°, diagonal FOV 123° 4 mm, horizontal FOV 83°, vertical FOV 45°, diagonal FOV 98° 6 mm, horizontal FOV 53°, vertical FOV 28°, diagonal FOV 62°
Max. IR Range	30 m	30 m	30 m	30 m	30 m
VCA	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection
Frame Rate	50Hz: 25fps [1920 × 1080, 1280 × 720] 60Hz: 30fps [1920 × 1080, 1280 × 720]	50Hz: 20fps [2592 × 1944] 25fps [2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720] 60Hz: 20fps [2944 × 1656] 30fps [2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720]	50Hz: 25fps [1920 × 1080, 1280 × 720] 60Hz: 30fps [1920 × 1080, 1280 × 720]	50Hz: 25fps [1920 × 1080, 1280 × 720] 60Hz: 30fps [1920 × 1080, 1280 × 720]	50Hz: 20fps [2592 × 1944] 25fps [2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720] 60Hz: 20fps [2944 × 1656] 30fps [2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720]
Streams	3	3	3	3	3
Protection Level	-I model: IP67, IK10 -ISU model: IP66, IK10	-I model: IP67, IK10 -ISU model: IP66, IK10	-I model: IP67 -IU model: IP66	IP66	-I model: IP67 -IU model: IP66
Angle Adjustment	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°
Operating Temperature	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)
Humidity	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)
Local Storage	256 GB	256 GB	256 GB	256 GB	256 GB
Indoor/Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Audio I/O	1 In, 1 Out(-ISU) Built-in microphone(-ISU)	1 In, 1 Out(-ISU) Built-in microphone(-ISU)	Built-in microphone(-IU)	1 In, 1 Out Built-in microphone	Built-in microphone(-IU)
Alarm I/O	1 In, 1 Out (-ISU)	1 In, 1 Out (-ISU)	-	1 In, 1 Out	-
Power	12 VDC ± 25%, PoE [802.3af, class 3]	12 VDC ± 25%, PoE [802.3af, class 3]	12 VDC ± 25%, PoE [802.3af, class 3]	12 VDC ± 25%, PoE [802.3af, class 3]	12 VDC ± 25%, PoE [802.3af, class 3]

Model	DS-2CD2346G2-ISU/SL	DS-2CD2386G2-I(U)	DS-2CD2386G2-ISU/SL	DS-2CD2626G2-Izs	DS-2CD2626G2-ISU/SL	DS-2CD2646G2-Izs
Image	 Hikvision AcuSense	 Hikvision AcuSense	 Hikvision AcuSense	 Hikvision AcuSense	 Hikvision AcuSense	 Hikvision AcuSense
Image Sensor	1/2.7" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS
Resolution	2592 × 1944	3840 × 2160	3840 × 2160	1920 × 1080	1920 × 1080	2592 × 1944
Video Compression	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG
Min. Illumination	0.003 Lux @ [F1.4, AGC ON]	0.003 Lux @ [F1.6, AGC ON]	0.003 Lux @ [F1.6, AGC ON]	0.002 Lux @ [F1.4, AGC ON]	0.002 Lux @ [F1.4, AGC ON]	0.003 Lux @ [F1.4, AGC ON]
WDR	120dB	120dB	120dB	120dB	120dB	120dB
Lens	2.8mm, 4 mm, 6 mm	2.8mm, 4 mm, 6 mm	2.8mm, 4 mm, 6 mm	2.8 to 12 mm	2.8 to 12 mm	2.8 to 12 mm
FOV	2.8 mm, horizontal FOV 103°, vertical FOV 55°, diagonal FOV 123° 4 mm, horizontal FOV 83°, vertical FOV 45°, diagonal FOV 98° 6 mm, horizontal FOV 53°, vertical FOV 28°, diagonal FOV 62°	2.8 mm, horizontal FOV: 110.7°, vertical FOV: 59.1°, diagonal FOV: 131° 4 mm, horizontal FOV: 87.1°, vertical FOV: 47.4°, diagonal FOV: 101.8° 6 mm, horizontal FOV: 50.8°, vertical FOV: 27.6°, diagonal FOV: 60°	2.8 mm, horizontal FOV: 110.7°, vertical FOV: 59.1°, diagonal FOV: 131° 4 mm, horizontal FOV: 87.1°, vertical FOV: 47.4°, diagonal FOV: 101.8° 6 mm, horizontal FOV: 50.8°, vertical FOV: 27.6°, diagonal FOV: 60°	2.8 to 12 mm, horizontal FOV 113° to 31°, vertical FOV 58° to 18°, diagonal FOV 138° to 36°	2.8 to 12 mm, horizontal FOV 113° to 31°, vertical FOV 58° to 18°, diagonal FOV 138° to 36°	2.8 to 12 mm, horizontal FOV 108° to 30°, vertical FOV 56° to 17°, diagonal FOV 131° to 35°
Max. IR Range	30 m	30 m	30 m	60 m	60 m	60 m
VCA	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection
Frame Rate	50Hz: 20fps [2592 × 1944] 25fps [2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720] 60Hz: 20fps [2944 × 1656] 30fps [2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720]	50Hz: 20fps [3840 × 2160, 3072 × 1728], 25fps [2688 × 1520, 1920 × 1080, 1280 × 720] 60Hz: 20fps [3840 × 2160, 3072 × 1728], 30fps [2688 × 1520, 1920 × 1080, 1280 × 720]	50Hz: 20fps [3840 × 2160, 3072 × 1728], 25fps [2688 × 1520, 1920 × 1080, 1280 × 720] 60Hz: 20fps [3840 × 2160, 3072 × 1728], 30fps [2688 × 1520, 1920 × 1080, 1280 × 720]	50Hz: 25fps [1920 × 1080, 1280 × 720] 60Hz: 30fps [1920 × 1080, 1280 × 720]	50Hz: 25fps [1920 × 1080, 1280 × 720] 60Hz: 30fps [1920 × 1080, 1280 × 720]	50Hz: 20fps [2592 × 1944] 25fps [2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720] 60Hz: 20fps [2944 × 1656] 30fps [2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720]
Streams	3	3	3	3	3	3
Protection Level	IP66	-I model: IP67 -IU model: IP66	IP66	IP66, IK10	IP66, IK10	IP66, IK10
Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 355°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 355°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 355°, tilt: 0° to 90°, rotate: 0° to 360°
Operating Temperature	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]
Humidity	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)
Local Storage	256 GB	256 GB	256 GB	256 GB	256 GB	256 GB
Indoor/Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Audio I/O	1 In, 1 Out Built-in microphone	Built-in microphone[-IU]	1 In, 1 Out Built-in microphone	1 In, 1 Out	1 In, 1 Out Built-in microphone	1 In, 1 Out
Alarm I/O	1 In, 1 Out	-	1 In, 1 Out	1 In, 1 Out	1 In, 1 Out	1 In, 1 Out
Power	12 VDC ± 25%, PoE [802.3af, class 3]	12 VDC ± 25%, PoE [802.3af, class 3]	12 VDC ± 25%, PoE [802.3af, class 3]	12 VDC ± 25%, PoE [802.3at, class4]	12 VDC ± 25%, PoE [802.3at, class4]	12 VDC ± 25%, PoE [802.3at, class4]

Model	DS-2CD2646G2-IZSU/SL	DS-2CD2686G2-IZS	DS-2CD2686G2-IZSU/SL	DS-2CD2726G2-IZS	DS-2CD2746G2-IZS	DS-2CD2786G2-IZS
Image	 NEW	 NEW	 NEW	 NEW	 NEW	 NEW
Image Sensor	1/2.7" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS
Resolution	2592 × 1944	3840 × 2160	3840 × 2160	1920 × 1080	2592 × 1944	3840 × 2160
Video Compression	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG
Min. Illumination	0.003 Lux @ [F1.4, AGC ON]	0.003 Lux @ [F1.6, AGC ON]	0.003 Lux @ [F1.6, AGC ON]	0.002 Lux @ [F1.4, AGC ON]	0.003 Lux @ [F1.4, AGC ON]	0.003 Lux @ [F1.6, AGC ON]
WDR	120dB	120dB	120dB	120dB	120dB	120dB
Lens	2.8 to 12 mm	2.8 to 12 mm	2.8 to 12 mm	2.8 to 12 mm	2.8 to 12 mm	2.8 to 12 mm
FOV	2.8 to 12 mm, horizontal FOV 108° to 30°, vertical FOV 56° to 17°, diagonal FOV 131° to 35°	2.8 to 12mm, horizontal FOV 108.1° to 45.5°, vertical FOV 58.4° to 25.7°, diagonal FOV 127.3° to 52.1°	2.8 to 12mm, horizontal FOV 108.1° to 45.5°, vertical FOV 58.4° to 25.7°, diagonal FOV 127.3° to 52.1°	2.8 to 12 mm, horizontal FOV 113° to 31°, vertical FOV 58° to 18°, diagonal FOV 138° to 36°	2.8 to 12 mm, horizontal FOV 108° to 30°, vertical FOV 56° to 17°, diagonal FOV 131° to 35°	2.8 to 12mm, horizontal FOV 108.1° to 45.5°, vertical FOV 58.4° to 25.7°, diagonal FOV 127.3° to 52.1°
Max. IR Range	60 m	60 m	60 m	40 m	40 m	40 m
VCA	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection
Frame Rate	50Hz: 20fps [2592 × 1944] 25fps [2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720] 60Hz: 20fps [2944 × 1656] 30fps [2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720]	50Hz: 20fps [3840 × 2160, 3072 × 1728], 25fps [2688 × 1520, 1920 × 1080, 1280 × 720] 60Hz: 20fps [3840 × 2160, 3072 × 1728], 30fps [2688 × 1520, 1920 × 1080, 1280 × 720]	50Hz: 20fps [3840 × 2160, 3072 × 1728], 25fps [2688 × 1520, 1920 × 1080, 1280 × 720] 60Hz: 20fps [3840 × 2160, 3072 × 1728], 30fps [2688 × 1520, 1920 × 1080, 1280 × 720]	50Hz: 25fps [1920 × 1080, 1280 × 720] 60Hz: 30fps [1920 × 1080, 1280 × 720]	50Hz: 20fps [2592 × 1944] 25fps [2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720] 60Hz: 20fps [2944 × 1656] 30fps [2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720]	50Hz: 20fps [3840 × 2160, 3072 × 1728], 25fps [2688 × 1520, 1920 × 1080, 1280 × 720] 60Hz: 20fps [3840 × 2160, 3072 × 1728], 30fps [2688 × 1520, 1920 × 1080, 1280 × 720]
Streams	3	3	3	3	3	3
Protection Level	IP66, IK10	IP66, IK10	IP66, IK10	IP66, IK10	IP66, IK10	IP66, IK10
Angle Adjustment	Pan: 0° to 355°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 355°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 355°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°
Operating Temperature	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]
Humidity	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)
Local Storage	256 GB	256 GB	256 GB	256 GB	256 GB	256 GB
Indoor/Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Audio I/O	1 In, 1 Out Built-in microphone	1 In, 1 Out	1 In, 1 Out Built-in microphone	1 In, 1 Out	1 In, 1 Out	1 In, 1 Out
Alarm I/O	1 In, 1 Out	1 In, 1 Out	1 In, 1 Out	1 In, 1 Out	1 In, 1 Out	1 In, 1 Out
Power	12 VDC ± 25%, PoE (802.3at, class4)	12 VDC ± 25%, PoE (802.3at, class4)	12 VDC ± 25%, PoE (802.3at, class4)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)

Turbo HD Camera
 Turbo HD PTZ Camera
 DVRs Encoder
Network Camera
 PTZ Dome Camera
 Panoramic Camera
 NVR
 K/T
 Thermal Monitor
 Switch
 Cable Transmission
 Controller & Accessories
 DORI Distance

Model	DS-2CD2T2662-2I/4I	DS-2CD2T2662-ISU/SL	DS-2CD2T4662-2I/4I	DS-2CD2T4662-ISU/SL	DS-2CD2T8662-2I/4I	DS-2CD2T8662-ISU/SL
Image	 NEW	 NEW	 NEW	 NEW	 NEW	 NEW
Image Sensor	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS
Resolution	1920 × 1080	1920 × 1080	2592 × 1944	2592 × 1944	3840 × 2160	3840 × 2160
Video Compression	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG
Min. Illumination	0.002 Lux @ [F1.4, AGC ON]	0.002 Lux @ [F1.4, AGC ON]	0.003 Lux @ [F1.4, AGC ON]	0.003 Lux @ [F1.4, AGC ON]	0.003 Lux @ [F1.6, AGC ON]	0.003 Lux @ [F1.6, AGC ON]
WDR	120dB	120dB	120dB	120dB	120dB	120dB
Lens	2.8mm, 4 mm, 6 mm	2.8mm, 4 mm, 6 mm	2.8mm, 4 mm, 6 mm	2.8mm, 4 mm, 6 mm	2.8mm, 4 mm, 6 mm	2.8mm, 4 mm, 6 mm
FOV	2.8 mm, horizontal FOV 107°, vertical FOV 57°, diagonal FOV 129° 4 mm, horizontal FOV 86°, vertical FOV 47°, diagonal FOV 102° 6 mm, horizontal FOV 55°, vertical FOV 29°, diagonal FOV 65°	2.8 mm, horizontal FOV 107°, vertical FOV 57°, diagonal FOV 129° 4 mm, horizontal FOV 86°, vertical FOV 47°, diagonal FOV 102° 6 mm, horizontal FOV 55°, vertical FOV 29°, diagonal FOV 65°	2.8 mm, horizontal FOV 103°, vertical FOV 55°, diagonal FOV 123° 4 mm, horizontal FOV 83°, vertical FOV 45°, diagonal FOV 98° 6 mm, horizontal FOV 53°, vertical FOV 28°, diagonal FOV 62°	2.8 mm, horizontal FOV 103°, vertical FOV 55°, diagonal FOV 123° 4 mm, horizontal FOV 83°, vertical FOV 45°, diagonal FOV 98° 6 mm, horizontal FOV 53°, vertical FOV 28°, diagonal FOV 62°	2.8 mm, horizontal FOV: 110.7°, vertical FOV: 59.1°, diagonal FOV: 131° 4 mm, horizontal FOV: 87.1°, vertical FOV: 47.4°, diagonal FOV: 101.8° 6 mm, horizontal FOV: 50.8°, vertical FOV: 27.6°, diagonal FOV: 60°	2.8 mm, horizontal FOV: 110.7°, vertical FOV: 59.1°, diagonal FOV: 131° 4 mm, horizontal FOV: 87.1°, vertical FOV: 47.4°, diagonal FOV: 101.8° 6 mm, horizontal FOV: 50.8°, vertical FOV: 27.6°, diagonal FOV: 60°
Max. IR Range	-2l: 60 m -4l: 80 m	60 m	-2l: 60 m -4l: 80 m	60 m	-2l: 60 m -4l: 80 m	60 m
VCA	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection
Frame Rate	50Hz: 25fps [1920 × 1080, 1280 × 720] 60Hz: 30fps [1920 × 1080, 1280 × 720]	50Hz: 25fps [1920 × 1080, 1280 × 720] 60Hz: 30fps [1920 × 1080, 1280 × 720]	50Hz: 20fps [2592 × 1944] 25fps [2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720] 60Hz: 20fps [2944 × 1656] 30fps [2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720]	50Hz: 20fps [2592 × 1944] 25fps [2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720] 60Hz: 20fps [2944 × 1656] 30fps [2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720]	50Hz: 20fps [3840 × 2160, 3072 × 1728], 25fps [2688 × 1520, 1920 × 1080, 1280 × 720] 60Hz: 20fps [3840 × 2160, 3072 × 1728], 30fps [2688 × 1520, 1920 × 1080, 1280 × 720]	50Hz: 20fps [3840 × 2160, 3072 × 1728], 25fps [2688 × 1520, 1920 × 1080, 1280 × 720] 60Hz: 20fps [3840 × 2160, 3072 × 1728], 30fps [2688 × 1520, 1920 × 1080, 1280 × 720]
Streams	3	3	3	3	3	3
Protection Level	IP67	IP66	IP67	IP66	IP67	IP66
Angle Adjustment	Pan: 0° to 355°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 355°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 355°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 355°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 355°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 355°, tilt: 0° to 90°, rotate: 0° to 360°
Operating Temperature	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]
Humidity	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)
Local Storage	256 GB	256 GB	256 GB	256 GB	256 GB	256 GB
Indoor/Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Audio I/O	-	1 In, 1 Out Built-in microphone	-	1 In, 1 Out Built-in microphone	-	1 In, 1 Out Built-in microphone
Alarm I/O	-	1 In, 1 Out	-	1 In, 1 Out	-	1 In, 1 Out
Power	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)

Model	DS-2CD202762-L(U)	DS-2CD204762-L(U)	DS-2CD232762-L(U)	DS-2CD234762-L(U)	DS-2CD2T2762-L	DS-2CD2T4762-L
Image	 NEW	 NEW	 NEW	 NEW	 NEW	 NEW
Image Sensor	1/2.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS
Resolution	1920 × 1080	2560 × 1440	1920 × 1080	2688 × 1520	1920 × 1080	2688 × 1520
Video Compression	H.265/H.265+/H.264+/H.264 / MJPEG					
Min. Illumination	0.0005 Lux @ [F1.0, AGC ON], 0 Lux with Light	0.0005 Lux @ [F1.0, AGC ON], 0 Lux with Light	0.0005 Lux @ [F1.0, AGC ON], 0 Lux with Light	0.0005 @ [F1.0, AGC ON], 0 Lux with Light	0.0005 Lux @ [F1.0, AGC ON], 0 Lux with Light	0.0005 @ [F1.0, AGC ON], 0 Lux with Light
WDR	120dB	120dB	120dB	120dB	120dB	120dB
Lens	2.8mm, 4 mm, 6 mm	2.8mm, 4 mm, 6 mm	2.8mm, 4 mm	2.8mm, 4 mm	2.8mm, 4 mm, 6 mm	2.8mm, 4 mm, 6 mm
FOV	2.8 mm, horizontal FOV: 112°, vertical FOV: 57°, diagonal FOV: 138° 4 mm, horizontal FOV: 89°, vertical FOV: 47°, diagonal FOV: 106° 6 mm, horizontal FOV: 54°, vertical FOV: 30°, diagonal FOV: 63°	2.8 mm, horizontal FOV: 102°, vertical FOV: 51°, diagonal FOV: 125° 4 mm, horizontal FOV: 89°, vertical FOV: 46°, diagonal FOV: 105° 6 mm, horizontal FOV: 54°, vertical FOV: 30°, diagonal FOV: 62°	2.8 mm, horizontal FOV: 112°, vertical FOV: 57°, diagonal FOV: 138° 4 mm, horizontal FOV: 89°, vertical FOV: 46°, diagonal FOV: 106° 6 mm, horizontal FOV: 56°, vertical FOV: 30°, diagonal FOV: 66°	2.8 mm, horizontal FOV: 109°, vertical FOV: 55°, diagonal FOV: 138° 4 mm, horizontal FOV: 94°, vertical FOV: 48°, diagonal FOV: 115° 6 mm, horizontal FOV: 57°, vertical FOV: 31°, diagonal FOV: 67°	2.8 mm, horizontal FOV: 112°, vertical FOV: 55°, diagonal FOV: 138° 4 mm, horizontal FOV: 94°, vertical FOV: 46°, diagonal FOV: 106° 6 mm, horizontal FOV: 56°, vertical FOV: 30°, diagonal FOV: 66°	2.8 mm, horizontal FOV: 109°, vertical FOV: 55°, diagonal FOV: 138° 4 mm, horizontal FOV: 94°, vertical FOV: 48°, diagonal FOV: 115° 6 mm, horizontal FOV: 57°, vertical FOV: 31°, diagonal FOV: 67°
Max. Light Range	40 m	40 m	30 m	30 m	60 m	60 m
VCA	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection
Frame Rate	50Hz: 25fps [1920 × 1080, 1280 × 960, 1280 × 720] 60Hz: 30fps [1920 × 1080, 1280 × 960, 1280 × 720]	50Hz: 25fps [2560 × 1440, 1920 × 1080, 1280 × 720] 60Hz: 30fps [2560 × 1440], 30fps [2304 × 1296, 1920 × 1080, 1280 × 720]	50Hz: 25fps [1920 × 1080, 1280 × 960, 1280 × 720] 60Hz: 30fps [1920 × 1080, 1280 × 960, 1280 × 720]	50Hz: 25fps [2688 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080, 1280 × 720] 60Hz: 30fps [2688 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080, 1280 × 720]	50Hz: 25fps [1920 × 1080, 1280 × 960, 1280 × 720] 60Hz: 30fps [1920 × 1080, 1280 × 960, 1280 × 720]	50Hz: 25fps [2688 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080, 1280 × 720] 60Hz: 30fps [2688 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080, 1280 × 720]
Streams	3	3	3	3	3	3
Protection Level	IP67	IP67	IP67	IP67	IP67	IP67
Angle Adjustment	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°
Operating Temperature	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]
Humidity	95% or less (non-condensing)					
Local Storage	256 GB					
Indoor/Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Audio I/O	-U: Built-in microphone	-U: Built-in microphone	-U: Built-in microphone	-U: Built-in microphone	-	-
Alarm I/O	-	-	-	-	-	-
Power	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)

Model	DS-2CD202761-L	DS-2CD204761-L	DS-2CD232761-L(U)	DS-2CD234761-L(U)	DS-2CD2T2761-L	DS-2CD2T4761-L
Image						
Image Sensor	1/2.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS
Resolution	1920 × 1080	2560 × 1440	1920 × 1080	2688 × 1520	1920 × 1080	2688 × 1520
Video Compression	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG
Min. Illumination	0.0035 @ [F1.0, AGC ON], 0 Lux with LED on	0.0014 @ [F1.0, AGC ON], 0 Lux with LED on	0.0035 Lux @ [F1.0, AGC ON], 0 Lux with Light	0.0014 @ [F1.0, AGC ON], 0 Lux with Light	0.0035 Lux @ [F1.0, AGC ON], 0 Lux with Light	0.0014 @ [F1.0, AGC ON], 0 Lux with Light
WDR	120dB	120dB	120dB	120dB	120dB	120dB
Lens	2.8mm, 4 mm, 6 mm	2.8mm, 4 mm, 6 mm	2.8mm, 4 mm	2.8mm, 4 mm	2.8mm, 4 mm, 6 mm	2.8mm, 4 mm, 6 mm
FOV	4 mm, horizontal FOV: 89°, vertical FOV: 47°, diagonal FOV: 106° 6 mm, horizontal FOV: 56°, vertical FOV: 30°, diagonal FOV: 65°	4 mm, horizontal FOV: 89°, vertical FOV: 46°, diagonal FOV: 107.5° 6 mm, horizontal FOV: 54°, vertical FOV: 29°, diagonal FOV: 63°	4 mm, horizontal FOV: 89°, vertical FOV: 46°, diagonal FOV: 106° 6 mm, horizontal FOV: 56°, vertical FOV: 30°, diagonal FOV: 66°	4 mm, horizontal FOV: 94°, vertical FOV: 48°, diagonal FOV: 115° 6 mm, horizontal FOV: 57°, vertical FOV: 31°, diagonal FOV: 67°	4 mm, horizontal FOV: 89°, vertical FOV: 46°, diagonal FOV: 106° 6 mm, horizontal FOV: 56°, vertical FOV: 30°, diagonal FOV: 66°	4 mm, horizontal FOV: 94°, vertical FOV: 48°, diagonal FOV: 115° 6 mm, horizontal FOV: 57°, vertical FOV: 31°, diagonal FOV: 67°
Max. Light Range	30 m	30 m	30 m	30 m	30 m	30 m
VCA	Line crossing detection, intrusion detection	Line crossing detection, intrusion detection	Line crossing detection, intrusion detection, object removal detection, unattended baggage detection	Line crossing detection, intrusion detection, object removal detection, unattended baggage detection	Line crossing detection, intrusion detection, object removal detection, unattended baggage detection	Line crossing detection, intrusion detection, object removal detection, unattended baggage detection
Frame Rate	50Hz: 25fps [1920 × 1080, 1280 × 960, 1280 × 720] 60Hz: 30fps [1920 × 1080, 1280 × 960, 1280 × 720]	50Hz: 25fps [2560 × 1440, 1920 × 1080, 1280 × 720] 60Hz: 24fps [2560 × 1440], 30fps [2304 × 1296, 1920 × 1080, 1280 × 720]	50Hz: 25fps [1920 × 1080, 1280 × 960, 1280 × 720] 60Hz: 30fps [1920 × 1080, 1280 × 960, 1280 × 720]	50Hz: 25fps [2688 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080, 1280 × 720] 60Hz: 30fps [2688 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080, 1280 × 720]	50Hz: 25fps [1920 × 1080, 1280 × 960, 1280 × 720] 60Hz: 30fps [1920 × 1080, 1280 × 960, 1280 × 720]	50Hz: 25fps [2688 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080, 1280 × 720] 60Hz: 30fps [2688 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080, 1280 × 720]
Streams	3	3	3	3	3	3
Protection Level	IP67	IP67	-L model: IP67 -LU model: IP66	-L model: IP67 -LU model: IP66	IP67	IP67
Angle Adjustment	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°
Operating Temperature	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]
Humidity	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)
Local Storage	128 GB	128 GB	128 GB	128 GB	128 GB	128 GB
Indoor/Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Audio I/O	-	-	-U: Built-in microphone	-U: Built-in microphone	-	-
Alarm I/O	-	-	-	-	-	-
Power	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)

EasyIP 3.0 Series

Model	DS-2CD2025F(H)WD-I	DS-2CD2045FWD-I	DS-2CD2065G1-I	DS-2CD2085G1-I	DS-2CD2125G0-IMS	DS-2CD2185G0-IMS
Image						
Image Sensor	1/2.8" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS	1/2.4" Progressive Scan CMOS	1/2" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS
Resolution	1920 × 1080	2688 × 1520	3072 × 2048	3840 × 2160	1920 × 1080	3840 × 2160
Video Compression	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264 / MJPEG	H.265/H.264 / MJPEG
Min. Illumination	Color: 0.009 Lux @ [F1.6, AGC ON], 0 Lux with IR	Color: 0.014 lux @ [F1.6, AGC ON]	0.014 Lux @ [F1.6, AGC ON]	0.014 Lux @ [F1.6, AGC ON]	Color: 0.009 lux @ [F1.6, AGC ON], 0 lux with IR	0.028 lux @ [F2.0, AGC ON], 0 lux with IR
WDR	120dB	120dB	120dB	120dB	120 dB WDR	120 dB WDR
Lens	2.8 mm, 4 mm, 6 mm	2.8 mm, 4 mm, 6 mm	2.8 mm, 4 mm, 6 mm	2.8 mm, 4 mm, 6 mm	2.8 mm, 4 mm, 6 mm	2.8 mm, 4 mm, 6 mm
FOV	2.8 mm, horizontal field of view: 108° 4 mm, horizontal field of view: 86.4° 6 mm, horizontal field of view: 52°	2.8 mm, horizontal FOV: 109°, vertical FOV: 60°, diagonal FOV: 131° 4 mm, horizontal FOV: 88°, vertical FOV: 46°, diagonal FOV: 105° 6 mm, horizontal FOV: 53°, vertical FOV: 30°, diagonal FOV: 61°	2.8 mm, horizontal FOV: 99°, vertical FOV: 61°, diagonal FOV: 128° 4 mm, horizontal FOV: 80°, vertical FOV: 51°, diagonal FOV: 101° 6 mm, horizontal FOV: 53°, vertical FOV: 38°	2.8 mm, horizontal FOV: 102°, vertical FOV: 55°, diagonal FOV: 120° 4 mm, horizontal FOV: 78°, vertical FOV: 43°, diagonal FOV: 92° 6 mm, horizontal FOV: 60°, vertical FOV: 38°	2.8 mm, horizontal FOV: 108°, vertical FOV: 58°, diagonal FOV: 128° 4 mm, horizontal FOV: 79°, vertical FOV: 42°, diagonal FOV: 103° 6 mm, horizontal FOV: 52°, vertical FOV: 29°, diagonal FOV: 59°	2.8 mm, horizontal FOV: 102°, vertical FOV: 53°, diagonal FOV: 124° 4 mm, horizontal FOV: 79°, vertical FOV: 42°, diagonal FOV: 95° 6 mm, horizontal FOV: 50°, vertical FOV: 28°, diagonal FOV: 59°
Max. IR Range	30 m	30 m	30 m	30 m	30 m	30 m
VCA	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detection	Line crossing detection, Intrusion detection, Unattended baggage detection, Object removal detection, Face detection, Scene change detection	Line crossing detection, Intrusion detection, Unattended baggage detection, Object removal detection, Face detection, Scene change detection
Frame Rate	50Hz: 25fps [1920 × 1080, 1280 × 960, 1280×720] 60Hz: 30fps [1920 × 1080, 1280 × 960, 1280×720] 50Hz: 50fps [1920 × 1080, 1280 × 960, 1280 × 720][H model] 60Hz: 60fps [1920 × 1080, 1280 × 960, 1280 × 720][H model]	50Hz: 25 fps [2688 × 1520, 2304 × 1296, 1920 × 1080] 60Hz: 30 fps [2688 × 1520, 2304 × 1296, 1920 × 1080]	50Hz: 20 fps [3072 × 2048, 3072 × 1728, 2944 × 1656], 25 fps [2560 × 1440, 1920 × 1080, 1280 × 720] 60Hz: 20 fps [3072 × 2048, 3072 × 1728, 2944 × 1656], 30 fps [2560 × 1440, 1920 × 1080, 1280 × 720]	50Hz: 20 fps [3840 × 2160], 25 fps [3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720] 60Hz: 20 fps [3840 × 2160], 30fps [3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720]	50Hz: 50fps [1920 × 1080, 1280 × 720] 60Hz: 60fps [1920 × 1080, 1280 × 720]	50Hz: 20fps [3840 × 2160], 25fps [3072 × 1728, 1920 × 1080, 1280 × 720] 60Hz: 20fps [3840 × 2160, 3072 × 1728, 1920 × 1080, 1280 × 720]
Streams	3	3	3	3	3	3
Protection Level	IP67	IP67	IP67, IK10	IP67, IK10	IK10	IK10
Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°
Operating Temperature	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)
Humidity	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)
Local Storage	128 GB	128 GB	128 GB	128 GB	128 GB	128 GB
Indoor/Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Indoor	Indoor
Audio I/O	-	-	-	-	1 In, 1 Out	1 In, 1 Out
Alarm I/O	-	-	-	-	1 In, 1 Out	1 In, 1 Out
Power	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)

Turbo HD Camera
 Turbo HD PTZ Camera
 DVRs Encoder
Network Camera
 PTZ Dome Camera
 Panoramic Camera
 NVR
 K/T Thermal Monitor
 Controller & Switch
 Cable Transmission
 Accessories Distance

Model	DS-2CD2125F(H)WD-I(S)	DS-2CD2145FWD-I(S)	DS-2CD2165G0-I	DS-2CD2185FWD-I(S)	DS-2CD2325F(H)WD-I	DS-2CD2345FWD-I
Image		 HOT		 HOT		 HOT
Image Sensor	1/2.8" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS	1/2.4" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS
Resolution	1920 × 1080	2688 × 1520	3072 × 2048	3840 × 2160	1920 × 1080	2688 × 1520
Video Compression	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+
Min. Illumination	Color: 0.009 Lux @ [F1.6, AGC ON], 0 Lux with IR	Color: 0.014 lux @ [F1.6, AGC ON]	0.016 Lux @ [F1.6, AGC ON]	Color: 0.028 lux @ [F2.0, AGC ON], 0 Lux with IR	Color: 0.009 Lux @ [F1.6, AGC ON], 0 Lux with IR	Color: 0.014 lux @ [F1.6, AGC ON]
WDR	120dB	120dB	120dB	120dB	120dB	120dB
Lens	2.8 mm, 4 mm, 6 mm	2.8 mm, 4 mm, 6 mm	2.8 mm, 4 mm, 6 mm	2.8 mm, 4 mm, 6 mm	2.8 mm, 4 mm, 6 mm	2.8 mm, 4 mm, 6 mm
FOV	2.8 mm, horizontal field of view: 108° 4 mm, horizontal field of view: 86.4° 6 mm, horizontal field of view: 52°	2.8 mm, horizontal FOV: 109°, vertical FOV: 60°, diagonal FOV: 131° 4 mm, horizontal FOV: 88°, vertical FOV: 46°, diagonal FOV: 105° 6 mm, horizontal FOV: 53°, vertical FOV: 30°, diagonal FOV: 61°	2.8 mm, horizontal FOV: 99°, vertical FOV: 61°, diagonal FOV: 128° 4 mm, horizontal FOV: 80°, vertical FOV: 51°, diagonal FOV: 101° 6 mm, horizontal FOV: 50°, vertical FOV: 38°	2.8 mm, horizontal field of view: 102° 4 mm, horizontal field of view: 79° 6 mm, horizontal field of view: 50°	2.8 mm, horizontal field of view: 108° 4 mm, horizontal field of view: 86.4° 6 mm, horizontal field of view: 52°	2.8 mm, horizontal FOV: 109°, vertical FOV: 60°, diagonal FOV: 131° 4 mm, horizontal FOV: 88°, vertical FOV: 46°, diagonal FOV: 105° 6 mm, horizontal FOV: 53°, vertical FOV: 30°, diagonal FOV: 61°
Max. IR Range	30 m	30 m	30 m	30 m	30 m	30 m
VCA	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detection
Frame Rate	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280×720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280×720) 50Hz: 50fps (1920 × 1080, 1280 × 960, 1280 × 720)[H model] 60Hz: 60fps ([1920 × 1080, 1280 × 960, 1280 × 720][H model])	50Hz: 25 fps (2688 × 1520, 2304 × 1296, 1920 × 1080) 60Hz: 30 fps (2688 × 1520, 2304 × 1296, 1920 × 1080)	50Hz: 20 fps (3072 × 2048, 3072 × 1728, 2944 × 1656), 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 20 fps (3072 × 2048, 3072 × 1728, 2944 × 1656), 30 fps (2560 × 1440, 1920 × 1080, 1280 × 720)	50Hz: 20 fps (3840 × 2160), 25 fps (3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 20 fps (3840 × 2160), 30fps (3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280×720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280×720) 50Hz: 50fps (1920 × 1080, 1280 × 960, 1280×720)[H model] 60Hz: 60fps (1920 × 1080, 1280 × 960, 1280×720)[H model]	50Hz: 25 fps (2688 × 1520, 2304 × 1296, 1920 × 1080) 60Hz: 30 fps (2688 × 1520, 2304 × 1296, 1920 × 1080)
Streams	3	3	3	3	3	3
Protection Level	IP67, IK10	IP67, IK10	IP67, IK10	IP67, IK10	IP67	IP67
Angle Adjustment	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°
Operating Temperature	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]
Humidity	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)
Local Storage	128 GB	128 GB	128 GB	128 GB	128 GB	128 GB
Indoor/Outdoor	Indoor	Indoor	Indoor	Indoor	Outdoor	Outdoor
Audio I/O	1 In, 1 Out (-S)	1 In, 1 Out (-S)	1 In, 1 Out (-S)	1 In, 1 Out (-S)	-	-
Alarm I/O	1 In, 1 Out (-S)	1 In, 1 Out (-S)	1 In, 1 Out (-S)	1 In, 1 Out (-S)	-	-
Power	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)

Model	DS-2CD2365G1-I	DS-2CD2385G1-I	DS-2CD2T25F(H)WD-I5/I8	DS-2CD2T45FWD-I5/I8	DS-2CD2T65G1-I5/I8	DS-2CD2T85G1-I5/I8
Image						
Image Sensor	1/2.4" Progressive Scan CMOS	1/2" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS	1/2.4" Progressive Scan CMOS	1/2" Progressive Scan CMOS
Resolution	3072 × 2048	3840 × 2160	1920 × 1080	2688 × 1520	3072 × 2048	3840 × 2160
Video Compression	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.264/MJPEG/H.264+/H.265+
Min. Illumination	0.016 Lux @ [F1.6, AGC ON]	0.016 Lux @ [F1.6, AGC ON]	Color: 0.009 Lux @ [F1.6, AGC ON], 0 Lux with IR	Color: 0.014 lux (@[F1.6, AGC ON])	0.014 Lux @ [F1.6, AGC ON]	0.014 Lux @ [F1.6, AGC ON]
WDR	120 dB	120 dB	120dB	120dB	120 dB	120dB
Lens	2.8 mm, 4 mm, 6 mm	2.8 mm, 4 mm, 6 mm	2.8 mm, 4 mm, 6 mm, 8 mm, 12 mm	2.8 mm, 4 mm, 6 mm, 8 mm, 12 mm	2.8 mm, 4 mm, 6 mm	2.8 mm, 4 mm, 6 mm
FOV	2.8 mm, horizontal FOV: 99°, vertical FOV: 61°, diagonal FOV: 128° 4 mm, horizontal FOV: 80°, vertical FOV: 51°, diagonal FOV: 101° 6 mm, horizontal FOV: 60°, vertical FOV: 38°	2.8 mm, horizontal FOV: 102°, vertical FOV: 55°, diagonal FOV: 120° 4 mm, horizontal FOV: 78°, vertical FOV: 43°, diagonal FOV: 92° 6 mm, horizontal FOV: 50°, vertical FOV: 27°, diagonal FOV: 59°	2.8 mm, horizontal field of view: 108° 4 mm, horizontal field of view: 86.4° 6 mm, horizontal field of view: 52° 8 mm, horizontal field of view: 41° 12 mm, horizontal field of view: 25°	2.8 mm, horizontal FOV: 109°, vertical FOV: 60°, diagonal FOV: 131° 4 mm, horizontal FOV: 88°, vertical FOV: 46°, diagonal FOV: 105° 6 mm, horizontal FOV: 53°, vertical FOV: 30°, diagonal FOV: 61° 8 mm, horizontal FOV: 41°, vertical FOV: 23°, diagonal FOV: 48° 12 mm, horizontal FOV: 25°, vertical FOV: 14°, diagonal FOV: 29°	2.8 mm, horizontal FOV: 99°, vertical FOV: 61°, diagonal FOV: 128° 4 mm, horizontal FOV: 80°, vertical FOV: 51°, diagonal FOV: 101° 6 mm, horizontal FOV: 60°, vertical FOV: 38°	2.8 mm, horizontal field of view: 102° 4 mm, horizontal field of view: 79° 6 mm, horizontal field of view: 50°
Max. IR Range	30 m	30 m	-I5: 50 m -I8: 80 m	-I5: 50 m -I8: 80 m	-I5: 50 m -I8: 80 m	-I5: 50 m -I8: 80 m
VCA	Line crossing detection, intrusion detection, object removal detection, unattended baggage detection, face detection, scene change detection	Line crossing detection, intrusion detection, object removal detection, unattended baggage detection, face detection, scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detection
Frame Rate	50Hz: 20 fps (3072 × 2048, 3072 × 1728, 2944 × 1656), 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 20 fps (3072 × 2048, 3072 × 1728, 2944 × 1656), 30 fps (2560 × 1440, 1920 × 1080, 1280 × 720), face detection, scene change detection	50Hz: 20 fps (3840 × 2160), 25 fps (3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280×720) 50Hz: 20 fps (3840 × 2160), 30fps (3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720) H model 50Hz: 60fps (1920 × 1080, 1280 × 960, 1280×720) H model	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280×720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280×720) 50Hz: 25fps (2688 × 1520, 2304 × 1296, 1920 × 1080) 60Hz: 30 fps (2688 × 1520, 2304 × 1296, 1920 × 1080)	50Hz: 20 fps (3072 × 2048, 3072 × 1728, 2944 × 1656), 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 20 fps (3072 × 2048, 3072 × 1728, 2944 × 1656), 30 fps (2560 × 1440, 1920 × 1080, 1280 × 720)	50Hz: 20 fps (3840 × 2160), 25 fps (3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 20 fps (3840 × 2160), 30fps (3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720)	50Hz: 20 fps (3840 × 2160), 25 fps (3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 20 fps (3840 × 2160), 30fps (3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720)
Streams	3	3	3	3	3	3
Protection Level	IP67	IP67	IP67	IP67	IP67	IP67
Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 100°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 100°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 100°, rotate: 0° to 360°
Operating Temperature	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]
Humidity	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)
Local Storage	128GB	128GB	128 GB	128 GB	128GB	128 GB
Indoor/Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Audio I/O	-	-	-	-	-	-
Alarm I/O	-	-	-	-	-	-
Power	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)

Turbo HD Camera
Turbo HD PTZ Camera
DVRs Encoder
Network Camera
PTZ Dome Camera
Panoramic Camera
NVR
KIT Thermal Monitor Switch Cable Controller & Transmission Accessories DORI Distance

Model	DS-2CD2425FWD-I(W)	DS-2CD2455FWD-I(W)	DS-2CD2525FWD-I(W)(S)	DS-2CD2545FWD-I(W)(S)	DS-2CD2555FWD-I(W)(S)	DS-2CD2625F(H)WD-IZS
Image						
Image Sensor	1/2.8" Progressive Scan CMOS	1/2.9" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS	1/2.9" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS
Resolution	1920 × 1080	2944 × 1656	1920 × 1080	2688 × 1520	2944 × 1656	1920 × 1080
Video Compression	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+
Min. Illumination	Color: 0.009 Lux @ [F1.6, AGC ON], 0 Lux with IR	Color: 0.028 lux @ [F2.0, AGC ON], 0 lux with IR	Color: 0.009 Lux @ [F1.6, AGC ON], 0 Lux with IR	Color: 0.014 lux @ [F1.6, AGC ON]	Color: 0.028 lux @ [F2.0, AGC ON], 0 Lux with IR	Color: 0.0068 Lux @ [F1.4, AGC ON], 0 Lux with IR
WDR	120dB	120dB	120dB	120dB	120dB	120dB
Lens	2.8 mm	2.8 mm	2.8 mm, 4 mm, 6 mm	2.8 mm, 4 mm, 6 mm	2.8 mm, 4 mm, 6 mm	2.8 to 12 mm
FOV	Horizontal field of view: 108°, Vertical field of view: 59°, Diagonal field of view: 129°	Horizontal field of view: 97°, Vertical field of view: 54°, Diagonal field of view: 113°	2.8 mm: Horizontal field of view: 108°, Vertical field of view: 59°, Diagonal field of view: 129° 4 mm: Horizontal field of view: 87°, Vertical field of view: 45°, Diagonal field of view: 102° 6 mm: Horizontal field of view: 53°, Vertical field of view: 29°, Diagonal field of view: 60°	2.8 mm: Horizontal field of view: 109°, Vertical field of view: 60°, Diagonal field of view: 131° 4 mm: Horizontal field of view: 88°, Vertical field of view: 46°, Diagonal field of view: 105° 6 mm: Horizontal field of view: 53°, Vertical field of view: 30°, Diagonal field of view: 61°	2.8 mm: Horizontal field of view: 97°, Vertical field of view: 54°, Diagonal field of view: 113° 4 mm: Horizontal field of view: 78°, Vertical field of view: 42°, Diagonal field of view: 92° 6 mm: Horizontal field of view: 60°, Vertical field of view: 33°, Diagonal field of view: 71°	Horizontal field of view: 105° to 35° Vertical field of view: 56° to 20° Diagonal field of view: 126° to 40.5°
Max. IR Range	10 m	10 m	10 m	10 m	10 m	50 m
VCA	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detection
Frame Rate	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 20fps (2944 × 1656), 25fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 30fps (2944 × 1656), 30fps (2560 × 1440, 1920 × 1080, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (2944 × 1656), 30fps (2560 × 1440, 1920 × 1080, 1280 × 720)	50Hz: 25fps (2688 × 1520, 2304 × 1296, 1920 × 1080) 60Hz: 30fps (2688 × 1520, 2304 × 1296, 1920 × 1080)	50Hz: 20fps (2944 × 1656), 25fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 30fps (2944 × 1656), 30fps (2560 × 1440, 1920 × 1080, 1280 × 720)	50Hz: 50fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 60fps (1920 × 1080, 1280 × 960, 1280 × 720) 50Hz: 50fps (1920 × 1080, 1280 × 960, 1280 × 720)[H model] 60Hz: 60fps (1920 × 1080, 1280 × 960, 1280 × 720)[H model]
Streams	3	3	3	3	3	3
Protection Level	-	-	IK08, IP66	IK08, IP67	IK08, IP66	IP67, IK10
Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: -30° to +30°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: -30° to +30°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: -30° to +30°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°
Operating Temperature	-10 °C to +40 °C (14 °F to +104 °F)	-10 °C to +40 °C (14 °F to +104 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)
Humidity	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)
Local Storage	128 GB	128 GB	128 GB	128 GB	128 GB	128G
Indoor/Outdoor	Indoor	Indoor	Indoor	Indoor	Indoor	Outdoor
Audio I/O	1 built-in mic, 1 built-in speaker	1 built-in mic, 1 built-in speaker	2 In, 1 Out [-S]	2 In, 1 Out [-S]	2 In, 1 Out [-S]	1 In, 1 Out
Alarm I/O	-	-	1 In, 1 Out [-S]	1 In, 1 Out [-S]	1 In, 1 Out [-S]	1 In, 1 Out
Power	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3at)

Model	DS-2CD2645FWD-Izs	DS-2CD2665G0-Izs	DS-2CD2685G0-Izs	DS-2CD2725F(H)WD-Izs	DS-2CD2745FWD-Izs	DS-2CD2765G0-Izs	DS-2CD2785G0-Izs
Image							
Image Sensor	1/2.5" Progressive Scan CMOS	1/2.4" Progressive Scan CMOS	1/2" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS	1/2.4" Progressive Scan CMOS	1/2" Progressive Scan CMOS
Resolution	2688 × 1520	3072 × 2048	3840 × 2160	1920 × 1080	2688 × 1520	3072 × 2048	3840 × 2160
Video Compression	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+
Min. Illumination	Color: 0.011 lux @ [F1.4, AGC ON]	Color: 0.012 Lux @ [F1.4, AGC ON]	0.011 Lux @ [F1.4, AGC ON]	Color: 0.0068 Lux @ [F1.4, AGC ON], 0 Lux with IR	Color: 0.011 lux @ [F1.4, AGC ON]	0.011 Lux @ [F1.4, AGC ON]	0.011 Lux @ [F1.4, AGC ON]
WDR	120dB	120dB	120dB	120dB	120dB	120dB	120dB
Lens	2.8 to 12 mm	2.8 to 12 mm	2.8 to 12 mm	2.8 to 12 mm	2.8 to 12 mm	2.8 to 12 mm	2.8 to 12 mm
FOV	horizontal FOV: 114° to 32°, vertical FOV: 59° to 18°, diagonal FOV: 141° to 36.5°	Horizontal field of view: 114° to 34° Vertical field of view: 71° to 23° Diagonal field of view: 154° to 41°	Horizontal field of view: 112° to 46° Vertical field of view: 60° to 26° Diagonal field of view: 133° to 53°	Horizontal field of view: 105° to 35° Vertical field of view: 56° to 20° Diagonal field of view: 126° to 40.5°	horizontal FOV: 114° to 32°, vertical FOV: 59° to 18°, diagonal FOV: 141° to 36.5°	Horizontal field of view: 114° to 34° Vertical field of view: 71° to 23° Diagonal field of view: 154° to 41°	Horizontal field of view: 112° to 46° Vertical field of view: 60° to 26° Diagonal field of view: 133° to 53°
Max. IR Range	50 m	50 m	50 m	30 m	30 m	30 m	30 m
VCA	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detection
Frame Rate	50Hz: 25 fps [2688 × 1520, 2304 × 1296, 1920 × 1080] 60Hz: 30 fps [2688 × 1520, 2304 × 1296, 1920 × 1080]	50Hz: 20 fps [3072 × 2048, 3072 × 1728, 2944 × 1656], 25 fps [2560 × 1440, 1920 × 1080, 1280 × 720] 60Hz: 20 fps [3072 × 2048, 3072 × 1728, 2944 × 1656], 30 fps [2560 × 1440, 1920 × 1080, 1280 × 720]	50Hz: 20 fps [3840 × 2160], 25 fps [3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720] 60Hz: 20 fps [3840 × 2160], 30 fps [3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720]	50Hz: 25fps [1920 × 1080, 1280 × 960, 1280×720] 60Hz: 30fps [1920 × 1080, 1280 × 960, 1280×720] 50Hz: 50fps [1920 × 1080, 1280 × 960, 1280×720] 60Hz: 60fps [1920 × 1080, 1280 × 960, 1280×720] [H model] 60Hz: 60fps [1920 × 1080, 1280 × 960, 1280×720] [H model]	50Hz: 25 fps [2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720] 60Hz: 30 fps [2688 × 1520, 2304 × 1296, 1920 × 1080]	50Hz: 20fps [3072 × 2048, 3072 × 1728, 2944 × 1656], 25fps [2560 × 1440, 1920 × 1080, 1280 × 720] 60Hz: 20fps [3072 × 2048, 3072 × 1728, 2944 × 1656], 30fps [2560 × 1440, 1920 × 1080, 1280 × 720]	50Hz: 20 fps [3840 × 2160], 25 fps [3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720] 60Hz: 20 fps [3840 × 2160], 30 fps [3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720]
Streams	3	3	3	3	3	3	3
Protection Level	IP67, IK10	IP67, IK10	IP67, IK10	IP67, IK10	IP67, IK10	IP67, IK10	IP67, IK10
Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°
Operating Temperature	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]
Humidity	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)
Local Storage	128 GB	128 GB	128 GB	128 GB	128 GB	128 GB	128 GB
Indoor/Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Audio I/O	1 In, 1 Out	1 In, 1 Out	1 In, 1 Out	1 In, 1 Out	1 In, 1 Out	1 In, 1 Out	1 In, 1 Out
Alarm I/O	1 In, 1 Out	1 In, 1 Out	1 In, 1 Out	1 In, 1 Out	1 In, 1 Out	1 In, 1 Out	1 In, 1 Out
Power	12 VDC ± 25%, PoE [802.3at]	12 VDC ± 25%, PoE [802.3at]	12 VDC ± 25%, PoE [802.3at]	12 VDC ± 25%, PoE [802.3af, class 3]	12 VDC ± 25%, PoE [802.3af, class 3]	12 VDC ± 25%, PoE [802.3af, class 3]	12 VDC ± 25%, PoE [802.3af, class 3]

Turbo HD Camera
 PTZ Dome Camera
 Panoramic Camera
 NVR
 K/T
 Thermal
 Monitor
 Switch
 Cable
 Controller & Transmission
 Accessories
 DORI Distance

Model	DS-2CD2H25F(H)WD-I2S	DS-2CD2H45FWD-I2S	DS-2CD2H55FWD-I2S	DS-2CD2H85FWD-I2S	DS-2CD234560P-I	DS-2CD2T4560P-I
Image		HOT		HOT		
Image Sensor	1/2.8" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS	1/2.9" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS
Resolution	1920 × 1080	2688 × 1520	2944 × 1656	3840 × 2160	2688 × 1520	2688 × 1520
Video Compression	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG
Min. Illumination	Color: 0.0068 Lux @ [F1.4, AGC ON], 0 Lux with IR	Color: 0.011 lux @ [F1.4, AGC ON]	Color: 0.014 Lux @ [F1.4, AGC ON], 0 Lux with IR	Color: 0.014 Lux @ [F1.4, AGC ON], 0 Lux with IR	0.028 Lux @ [F2.0, AGC ON]	0.028 Lux @ [F2.0, AGC ON]
WDR	120dB	120dB	120dB	120dB	120dB	120dB
Lens	2.8 to 12 mm	2.8 to 12 mm	2.8 to 12 mm	2.8 to 12 mm	1.68 mm	1.68 mm
FOV	Horizontal field of view: 105° to 35° Vertical field of view: 56° to 20° Diagonal field of view: 126° to 40.5°	horizontal FOV: 114° to 32°, vertical FOV: 59° to 18°, diagonal FOV: 141° to 36.5°	Horizontal field of view: 88° to 27° Vertical field of view: 48° to 16° Diagonal field of view: 104° to 32°	Horizontal field of view: 115° to 35° Vertical field of view: 60° to 19° Diagonal field of view: 146° to 38.5°	horizontal FOV: 180° , vertical FOV: 101°, diagonal FOV: 180°	horizontal FOV: 180° , vertical FOV: 101°, diagonal FOV: 180°
Max. IR Range	30 m	30 m	30 m	30 m	10 m	10 m
VCA	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detection	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detection
Frame Rate	50Hz: 50fps (1920×1080, 1280×960, 1280×720) 60Hz: 60fps (1920×1080, 1280×960, 1280×720) 50Hz: 50fps (1920 × 1080, 1280 × 960, 1280×720)[H model] 60Hz: 60fps (1920 × 1080, 1280 × 960, 1280×720)[H model]	50Hz: 25 fps (2688 × 1520, 2304 × 1296, 1920 × 1080) 60Hz: 30 fps (2688 × 1520, 2304 × 1296, 1920 × 1080)	50Hz: 20 fps (2944 × 1656), 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 20 fps (2944 × 1656), 30 fps (2560 × 1440, 1920 × 1080, 1280 × 720)	50Hz: 20 fps (3840 × 2160), 25 fps (3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 20 fps (3840 × 2160), 30 fps (3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720)	50Hz: 25fps (2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720) 60Hz: 24fps (2688 × 1520), 30fps (2304 × 1296, 1920 × 1080, 1280 × 720)	50Hz: 25fps (2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720) 60Hz: 24fps (2688 × 1520), 30fps (2304 × 1296, 1920 × 1080, 1280 × 720)
Streams	3	3	3	3	3	3
Protection Level	IP66, IK10	IP66, IK10	IP66, IK10	IP66, IK10	-	IP67
Angle Adjustment	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°
Operating Temperature	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)
Humidity	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)
Local Storage	128G	128 GB	128 GB	128 GB	128 GB	128 GB
Indoor/Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Indoor	Outdoor
Audio I/O	1 In, 1 Out	1 In, 1 Out	1 In, 1 Out	1 In, 1 Out	-	-
Alarm I/O	1 In, 1 Out	1 In, 1 Out	1 In, 1 Out	1 In, 1 Out	-	-
Power	12 VDC ± 25%, PoE (802.3af)	12 VDC ± 25%, PoE (802.3af)	12 VDC ± 25%, PoE (802.3af)	12 VDC ± 25%, PoE (802.3af)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)

Model	DS-2CD2023G0-I	DS-2CD2043G0-I	DS-2CD2063G0-I	DS-2CD2083G0-I	DS-2CD2123G0-II(S)	DS-2CD2143G0-II(S)
Image		HOT				HOT
Image Sensor	1/2.8" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/2.9" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/3" Progressive Scan CMOS
Resolution	1920 × 1080	2688 × 1520	3072 × 2048	3840 × 2160	1920 × 1080	2688 × 1520
Video Compression	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+
Min. Illumination	Color:0.028 Lux @ [F2.0, AGC ON]	Color:0.018 Lux @ [F1.6, AGC ON]	Color:0.028 lux @ [F2.0, AGC ON]	Color:0.028 lux @ [F2.0, AGC ON]	Color:0.028 lux @ [F2.0, AGC ON]	Color:0.018 Lux @ [F1.6, AGC ON]
WDR	120dB	120dB	120dB	120dB	120dB	120dB
Lens	2.8mm, 4mm, 6mm	2.8mm, 4mm, 6mm	2.8mm, 4mm, 6mm	2.8mm, 4mm, 6mm	2.8mm, 4mm, 6mm	2.8mm, 4mm, 6mm
FOV	2.8 mm, horizontal FOV: 103°, vertical FOV: 59°, diagonal FOV: 118° 4 mm, horizontal FOV: 86°, vertical FOV: 46°, diagonal FOV: 102° 6 mm, horizontal FOV: 54°, vertical FOV: 30°, diagonal FOV: 62°	2.8 mm, horizontal FOV: 103°, vertical FOV: 58°, diagonal FOV: 123° 4 mm, horizontal FOV: 83°, vertical FOV: 45°, diagonal FOV: 99° 6 mm, horizontal FOV: 51°, vertical FOV: 29°, diagonal FOV: 58°	2.8 mm, horizontal FOV: 97°, vertical FOV: 63°, diagonal FOV: 120° 4 mm, horizontal FOV: 78°, vertical FOV: 50°, diagonal FOV: 97° 6 mm, horizontal FOV: 60°, vertical FOV: 39°, diagonal FOV: 75°	2.8 mm, horizontal FOV: 102°, vertical FOV: 53°, diagonal FOV: 124° 4 mm, horizontal FOV: 79°, vertical FOV: 42°, diagonal FOV: 95° 6 mm, horizontal FOV: 50°, vertical FOV: 28°, diagonal FOV: 59°	2.8 mm, horizontal FOV: 114°, vertical FOV: 62°, diagonal FOV: 135° 4 mm, horizontal FOV: 86°, vertical FOV: 46°, diagonal FOV: 102° 6 mm, horizontal FOV: 54°, vertical FOV: 30°, diagonal FOV: 62°	2.8 mm, horizontal FOV: 103°, vertical FOV: 58°, diagonal FOV: 123° 4 mm, horizontal FOV: 83°, vertical FOV: 45°, diagonal FOV: 99° 6 mm, horizontal FOV: 51°, vertical FOV: 29°, diagonal FOV: 58°
Max. IR Range	30 m	30 m	30 m	30 m	30 m	30 m
VCA	Line crossing detection, intrusion detection, face detection	Line crossing detection, intrusion detection, face detection	Line crossing detection, intrusion detection, face detection	Line crossing detection, intrusion detection, face detection	Line crossing detection, intrusion detection, face detection	Line crossing detection, intrusion detection, face detection
Frame Rate	50Hz: 25fps [1920×1080, 1280×960, 1280×720] 60Hz: 30fps [1920×1080, 1280×960, 1280×720]	50Hz:25fps [2688 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080] 60Hz: 30fps [2688 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080]	50Hz: 20fps [3072×2048, 3072×1728, 2944×1656], 25fps [2560×1440, 1920×1080, 1280×720] 60Hz: 20fps [3072×2048, 3072×1728, 2944×1656], 30fps [2560×1440, 1920×1080, 1280×720]	50Hz: 12.5fps [3840×2160], 20fps [3072×1728], 25fps [2560×1440, 1920×1080, 1280×720] 60Hz: 20fps [3072×1728], 30fps [2560×1440, 1920×1080, 1280×720]	50Hz: 25fps [1920×1080, 1280×960, 1280×720] 60Hz: 30fps [1920×1080, 1280×960, 1280×720]	50Hz:25fps [2688 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080] 60Hz: 30fps [2688 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080]
Streams	3	3	3	3	3	3
Protection Level	IP67	IP67	IP67	IP67	IP67, IK10	IP67, IK10
Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°
Operating Temperature	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]
Humidity	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)
Local Storage	128GB	128GB	128GB	128GB	128GB	128GB
Indoor/Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Audio I/O	-	-	-	-	1 In, 1 Out	1 In, 1 Out
Alarm I/O	-	-	-	-	1 In, 1 Out	1 In, 1 Out
Power	12 VDC ± 25%, PoE [802.3af, class 3]	12 VDC ± 25%, PoE [802.3af, class 3]	12 VDC ± 25%, PoE [802.3af, class 3]	12 VDC ± 25%, PoE [802.3af, class 3]	12 VDC ± 25%, PoE [802.3af, class 3]	12 VDC ± 25%, PoE [802.3af, class 3]

Turbo HD PTZ Camera Camera Turbo HD PTZ DVRs Encoder Network Camera PTZ Dome Camera Panoramic Camera NVR K/T Thermal Monitor Switch Cable Controller & Transmission Accessories DORI Distance

Model	DS-2CD2163GO-I(S)	DS-2CD2183GO-I(S)	DS-2CD2123GO-IU	DS-2CD2143GO-IU	DS-2CD2163GO-IU	DS-2CD2183GO-IU
Image						
Image Sensor	1/2.9" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/2.9" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS
Resolution	3072 × 2048	3840 × 2160	1920 × 1080	2688 × 1520	3072 × 2048	3840 × 2160
Video Compression	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+
Min. Illumination	Color:0.028 lux @ [F2.0, AGC ON]	Color:0.028 lux @ [F2.0, AGC ON]	Color: 0.028 Lux @ [F2.0, AGC ON], 0 Lux with IR	Color:0.018 Lux @ [F1.6, AGC ON]	Color:0.028 lux @ [F2.0, AGC ON]	Color:0.028 lux @ [F2.0, AGC ON]
WDR	120dB	120dB	120dB	120dB	120dB	120dB
Lens	2.8mm, 4mm, 6mm	2.8mm, 4mm, 6mm	2.8mm, 4mm, 6mm	2.8mm, 4mm, 6mm	2.8mm, 4mm, 6mm	2.8mm, 4mm, 6mm
FOV	2.8 mm, horizontal FOV: 97°, vertical FOV: 63°, diagonal FOV: 120° 4 mm, horizontal FOV: 78°, vertical FOV: 50°, diagonal FOV: 97° 6 mm, horizontal FOV: 60°, vertical FOV: 39°, diagonal FOV: 75°	2.8 mm, horizontal FOV: 102°, vertical FOV: 53°, diagonal FOV: 124° 4 mm, horizontal FOV: 79°, vertical FOV: 42°, diagonal FOV: 95° 6 mm, horizontal FOV: 50°, vertical FOV: 28°, diagonal FOV: 59°	2.8mm: horizontal FOV: 114°, vertical FOV: 62°, diagonal FOV: 135° 4 mm: horizontal FOV: 86°, vertical FOV: 46°, diagonal FOV: 102° 6 mm: horizontal FOV: 54°, vertical FOV: 30°, diagonal FOV: 62°	2.8 mm, horizontal FOV: 103°, vertical FOV: 58°, diagonal FOV: 123° 4 mm, horizontal FOV: 83°, vertical FOV: 45°, diagonal FOV: 99° 6 mm, horizontal FOV: 51°, vertical FOV: 29°, diagonal FOV: 58°	2.8 mm, horizontal FOV: 97°, vertical FOV: 63°, diagonal FOV: 120° 4 mm, horizontal FOV: 78°, vertical FOV: 50°, diagonal FOV: 97° 6 mm, horizontal FOV: 60°, vertical FOV: 39°, diagonal FOV: 75°	2.8 mm, horizontal FOV: 102°, vertical FOV: 53°, diagonal FOV: 124° 4 mm, horizontal FOV: 79°, vertical FOV: 42°, diagonal FOV: 95° 6 mm, horizontal FOV: 50°, vertical FOV: 28°, diagonal FOV: 59°
Max. IR Range	30 m	30 m	30 m	30 m	30 m	30 m
VCA	Line crossing detection, intrusion detection, face detection	Line crossing detection, intrusion detection, face detection	Line crossing detection, intrusion detection, face detection	Line crossing detection, intrusion detection, face detection	Line crossing detection, intrusion detection, face detection	Line crossing detection, intrusion detection, face detection
Frame Rate	50Hz: 20fps [3072×2048, 3072×1728, 2944×1656], 25fps [2560×1440, 1920×1080, 1280×720] 60Hz: 20fps [3072×2048, 3072×1728, 2944×1656], 30fps [2560×1440, 1920×1080, 1280×720]	50Hz: 12.5fps [3840×2160], 20fps [3072×1728], 25fps [2560×1440, 1920×1080, 1280×720] 60Hz: 15fps [3840×2160], 20fps [3072×1728], 30fps [2560×1440, 1920×1080, 1280×720]	50Hz: 25fps [1920 × 1080, 1280 × 960, 1280 × 720] 60Hz: 30fps [1920 × 1080, 1280 × 960, 1280 × 720]	50Hz: 25fps [2688 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080] 60Hz: 30fps [2688 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080]	50Hz: 20fps [3072×2048, 3072×1728, 2944×1656], 25fps [2560×1440, 1920×1080, 1280×720] 60Hz: 20fps [3072×2048, 3072×1728, 2944×1656], 30fps [2560×1440, 1920×1080, 1280×720]	50Hz: 12.5fps [3840×2160], 20fps [3072×1728], 25fps [2560×1440, 1920×1080, 1280×720] 60Hz: 15fps [3840×2160], 20fps [3072×1728], 30fps [2560×1440, 1920×1080, 1280×720]
Streams	3	3	3	3	3	3
Protection Level	IP67, IK10	IP67, IK10	IP66, IK10	IP66, IK10	IP66, IK10	IP66, IK10
Angle Adjustment	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 357°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 358°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 356°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 357°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 358°
Operating Temperature	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]
Humidity	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)
Local Storage	128GB	128GB	128GB	128GB	128GB	128GB
Indoor/Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Audio I/O	1 In, 1 Out	1 In, 1 Out	Built in microphone	Built in microphone	Built in microphone	Built in microphone
Alarm I/O	1 In, 1 Out	1 In, 1 Out	-	-	-	-
Power	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)

Model	DS-2CD2323G0-I(U)	DS-2CD2343G0-I(U)	DS-2CD2363G0-I(U)	DS-2CD2383G0-I(U)	DS-2CD2T23G0-I5/I8	DS-2CD2T43G0-I5/I8
Image		HOT				HOT
Image Sensor	1/2.8" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/2.9" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/3" Progressive Scan CMOS
Resolution	1920 × 1080	2688 × 1520	3072 × 2048	3840 × 2160	1920 × 1080	2688 × 1520
Video Compression	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+
Min. Illumination	Color:0.028 Lux @ [F2.0, AGC ON]	Color:0.018 Lux @ [F1.6, AGC ON]	Color:0.028 lux @ [F2.0, AGC ON]	Color:0.028 lux @ [F2.0, AGC ON]	Color:0.028 Lux @ [F2.0, AGC ON]	Color:0.018 Lux @ [F1.6, AGC ON]
WDR	120dB	120dB	120dB	120dB	120dB	120dB
Lens	2.8mm, 4mm, 6mm	2.8mm, 4mm, 6mm	2.8mm, 4mm, 6mm	2.8mm, 4mm, 6mm	2.8mm, 4mm, 6mm, 8mm	2.8mm, 4mm, 6mm, 8mm
FOV	2.8 mm, horizontal FOV: 114°, vertical FOV: 62°, diagonal FOV: 135° 4 mm, horizontal FOV: 86°, vertical FOV: 46°, diagonal FOV: 102° 6 mm, horizontal FOV: 54°, vertical FOV: 30°, diagonal FOV: 62°	2.8 mm, horizontal FOV: 103°, vertical FOV: 58°, diagonal FOV: 123° 4 mm, horizontal FOV: 83°, vertical FOV: 45°, diagonal FOV: 99° 6 mm, horizontal FOV: 51°, vertical FOV: 29°, diagonal FOV: 58°	2.8 mm, horizontal FOV: 97°, vertical FOV: 63°, diagonal FOV: 120° 4 mm, horizontal FOV: 78°, vertical FOV: 50°, diagonal FOV: 97° 6 mm, horizontal FOV: 60°, vertical FOV: 39°, diagonal FOV: 75°	2.8 mm, horizontal FOV: 102°, vertical FOV: 53°, diagonal FOV: 124° 4 mm, horizontal FOV: 79°, vertical FOV: 42°, diagonal FOV: 95° 6 mm, horizontal FOV: 50°, vertical FOV: 28°, diagonal FOV: 59°	2.8 mm, horizontal FOV: 114°, vertical FOV: 62°, diagonal FOV: 135° 4 mm, horizontal FOV: 86°, vertical FOV: 46°, diagonal FOV: 102° 6 mm, horizontal FOV: 54°, vertical FOV: 30°, diagonal FOV: 62° 8 mm, horizontal FOV: 43°, vertical FOV: 23°, diagonal FOV: 50°	2.8 mm, horizontal FOV: 103°, vertical FOV: 58°, diagonal FOV: 123° 4 mm, horizontal FOV: 83°, vertical FOV: 45°, diagonal FOV: 99° 6 mm, horizontal FOV: 51°, vertical FOV: 29°, diagonal FOV: 58° 8 mm, horizontal FOV: 39°, vertical FOV: 22°, diagonal FOV: 45°
Max. IR Range	30 m	30 m	30 m	30 m	-I5: 50m -I8: 80m	-I5: 50m -I8: 80m
VCA	Line crossing detection, intrusion detection, face detection	Line crossing detection, intrusion detection, face detection	Line crossing detection, intrusion detection, face detection	Line crossing detection, intrusion detection, face detection	Line crossing detection, Intrusion detection, face detection	Line crossing detection, Intrusion detection, face detection
Frame Rate	50Hz: 25fps [1920×1080, 1280×960, 1280×720] 60Hz: 30fps [1920×1080, 1280×960, 1280×720]	50Hz:25fps [2688 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080] 60Hz: 30fps [2688 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080]	50Hz: 20fps [3072×2048, 3072×1728, 2944×1656], 25fps [2560×1440, 1920×1080, 1280×720] 60Hz: 20fps [3072×2048, 3072×1728, 2944×1656], 30fps [2560×1440, 1920×1080, 1280×720]	50Hz: 12.5fps [3840×2160], 20fps [3072×1728], 25fps [2560×1440, 1920×1080, 1280×720] 60Hz: 15fps [3840×2160], 20fps [3072×1728], 30fps [2560×1440, 1920×1080, 1280×720]	50Hz: 25fps [1920×1080, 1280×960, 1280×720] 60Hz: 30fps [1920×1080, 1280×960, 1280×720]	50Hz:25fps [2688 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080] 60Hz: 30fps [2688 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080]
Streams	3	3	3	3	3	3
Protection Level	-I: IP67 -IU: IP66	-I: IP67 -IU: IP66	-I: IP67 -IU: IP66	-I: IP67 -IU: IP66	IP67	IP67
Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 100°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 100°, rotate: 0° to 360°
Operating Temperature	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]
Humidity	95% or less [non-condensing]	95% or less [non-condensing]	95% or less [non-condensing]	95% or less [non-condensing]	95% or less [non-condensing]	95% or less [non-condensing]
Local Storage	128GB	128GB	128GB	128GB	128GB	128GB
Indoor/Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Audio I/O	-U: Built in microphone	-U: Built in microphone	-U: Built in microphone	-U: Built in microphone	-	-
Alarm I/O	-	-	-	-	-	-
Power	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)

Turbo HD Camera
 PTZ Dome Camera
 Panoramic Camera
 NVR
 K/T
 Thermal Monitor
 Switch
 Cable
 Controller & Transmission
 Accessories
 DORI Distance

Model	DS-2CD2T8360-I5/I8	DS-2CD2T8360-I5/I8	DS-2CD2423G0-I(W)	DS-2CD2443G0-I(W)	DS-2CD2463G0-I(W)
Image					
Image Sensor	1/2.9" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/2.9" Progressive Scan CMOS
Resolution	3072 × 2048	3840 × 2160	1920 × 1080	2688 × 1520	3072 × 2048
Video Compression	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+
Min. Illumination	Color:0.028 lux @ [F2.0, AGC ON]	Color:0.028 lux @ [F2.0, AGC ON]	Color:0.028 lux @ [F2.0, AGC ON]	Color:0.018 lux @ [F1.6, AGC ON]	Color:0.028 lux @ [F2.0, AGC ON]
WDR	120dB	120dB	120dB	120dB	120dB
Lens	2.8mm, 4mm, 6mm, 8mm	2.8mm, 4mm, 6mm, 8mm	2.8 mm	2.8 mm	2.8 mm
FOV	2.8 mm, horizontal FOV: 97°, vertical FOV: 63°, diagonal FOV: 120° 4 mm, horizontal FOV: 78°, vertical FOV: 50°, diagonal FOV: 97° 6 mm, horizontal FOV: 60°, vertical FOV: 39°, diagonal FOV: 75° 8 mm, horizontal FOV: 39.5°, vertical FOV: 26°, diagonal FOV: 48°	2.8 mm, horizontal FOV: 102°, vertical FOV: 53°, diagonal FOV: 124° 4 mm, horizontal FOV: 79°, vertical FOV: 42°, diagonal FOV: 95° 6 mm, horizontal FOV: 50°, vertical FOV: 28°, diagonal FOV: 59° 8 mm, horizontal FOV: 40°, vertical FOV: 25°, diagonal FOV: 53°	2.8 mm: horizontal FOV: 114°, vertical FOV: 62°, diagonal FOV: 135° 4 mm, horizontal FOV: 86°, vertical FOV: 46°, diagonal FOV: 102°	2.8 mm: horizontal FOV: 98°, vertical FOV: 55°, diagonal FOV: 114° 4 mm, horizontal FOV: 78°, vertical FOV: 42°, diagonal FOV: 93°	2.8 mm: horizontal FOV: 97°, vertical FOV: 67°, diagonal FOV: 121° 4 mm, horizontal FOV: 78°, vertical FOV: 53°, diagonal FOV: 98°
Max. IR Range	-I5: 50m -I8: 80m	-I5: 50m -I8: 80m	10 m	10 m	10 m
VCA	Line crossing detection, Intrusion detection, face detection	Line crossing detection, Intrusion detection, face detection	Line crossing detection, intrusion detection, face detection	Line crossing detection, intrusion detection, face detection	Line crossing detection, intrusion detection, face detection
Frame Rate	50Hz: 20fps (3072×2048, 3072×1728, 2944×1656), 25fps (2560×1440, 1920×1080, 1280×720) 60Hz: 20fps (3072×2048, 3072×1728, 2944×1656), 30fps (2560×1440, 1920×1080, 1280×720)	50Hz: 12.5fps (3840×2160), 20fps (3072×1728), 25fps (2560×1440, 1920×1080, 1280×720) 60Hz: 15fps (3840×2160), 20fps (3072×1728), 30fps (2560×1440, 1920×1080, 1280×720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (2688 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080) 60Hz: 30fps (2688 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080)	50Hz: 20 fps (3072 × 2048, 3072 × 1728, 2944 × 1656), 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 20 fps (3072 × 2048, 3072 × 1728, 2944 × 1656), 30fps (2560 × 1440, 1920 × 1080, 1280 × 720)
Streams	3		3	3	3
Protection Level	IP67	IP67	-	-	-
Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 100°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 100°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°
Operating Temperature	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-10 °C to +40 °C (14 °F to +104 °F)	-10 °C to +40 °C (14 °F to +104 °F)	-10 °C to +40 °C (14 °F to +104 °F)
Humidity	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)
Local Storage	128GB	128GB	128GB	128GB	128GB
Indoor/Outdoor	Outdoor	Outdoor	Indoor	Indoor	Indoor
Audio I/O	-	-	1 built-in mic, 1 built-in speaker	1 built-in mic, 1 built-in speaker	1 built-in mic, 1 built-in speaker
Alarm I/O	-	-	-	-	-
Power	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)

Model	DS-2CD2523G0-I(W)(S)	DS-2CD2543G0-I(W)(S)	DS-2CD2563G0-I(W)(S)	DS-2CD2623G1-I(Z)(S)	DS-2CD2643G1-I(Z)(S)	DS-2CD2663G1-I(Z)(S)	DS-2CD2683G1-I(Z)(S)
Image		HOT			HOT		
Image Sensor	1/2.7" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/2.9" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/2.9" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS
Resolution	1920 × 1080	2688 × 1520	3072 × 2048	1920 × 1080	2688 × 1520	3072 × 2048	3840 × 2160
Video Compression	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+
Min. Illumination	Color: 0.028 lux @ [F2.0, AGC ON]	Color: 0.018 lux @ [F1.6, AGC ON]	Color: 0.028 lux @ [F2.0, AGC ON]	Color: 0.018 Lux @ [F1.6, AGC ON], 0 Lux with IR	Color: 0.018 Lux @ [F1.6, AGC ON], 0 Lux with IR	Color: 0.018 Lux @ [F1.6, AGC ON], 0 Lux with IR	Color: 0.018 Lux @ [F1.6, AGC ON], 0 Lux with IR
WDR	120dB	120dB	120dB	120dB	120dB	120dB	120dB
Lens	2.8mm, 4mm, 6mm	2.8mm, 4mm, 6mm	2.8mm, 4mm, 6mm	2.8 to 12 mm	2.8 to 12 mm	2.8 to 12 mm	2.8 to 12 mm
FOV	2.8 mm: Horizontal field of view: 114°, Vertical field of view: 62°, Diagonal field of view: 135° 4 mm: Horizontal field of view: 86°, Vertical field of view: 46°, Diagonal field of view: 102° 6 mm: Horizontal field of view: 54°, Vertical field of view: 30°, Diagonal field of view: 62°	2.8 mm: Horizontal field of view: 98°, Vertical field of view: 55°, Diagonal field of view: 114° 4 mm: Horizontal field of view: 78°, Vertical field of view: 42°, Diagonal field of view: 93° 6 mm: Horizontal field of view: 48°, Vertical field of view: 27°, Diagonal field of view: 54°	2.8 mm: Horizontal field of view: 97°, Vertical field of view: 55°, Diagonal field of view: 114° 4 mm: Horizontal field of view: 78°, Vertical field of view: 53°, Diagonal field of view: 98° 6 mm: Horizontal field of view: 60°, Vertical field of view: 41°, Diagonal field of view: 76°	horizontal FOV: 110° to 31° vertical FOV: 58° to 18° diagonal FOV: 136° to 36°	horizontal FOV: 104° to 29° vertical FOV: 55° to 17° diagonal FOV: 125° to 34°	horizontal FOV: 88° to 27° vertical FOV: 56° to 18° Diagonal field of view: 110° to 33°	Horizontal field of view: 105° to 34.5° Vertical field of view: 55° to 19° Diagonal field of view: 125° to 40°
Max. IR Range	10 m	10 m	10 m	50 m	50 m	50 m	50 m
VCA	Line crossing detection, intrusion detection, face detection	Line crossing detection, intrusion detection, face detection	Line crossing detection, intrusion detection, face detection	Line crossing detection, intrusion detection, face detection	Line crossing detection, intrusion detection, face detection	Line crossing detection, intrusion detection, face detection	Line crossing detection, intrusion detection, face detection
Frame Rate	50Hz:25fps [1920 × 1080, 1280 × 960, 1280 × 720] 60Hz: 30fps [1920 × 1080, 1280 × 960, 1280 × 720]	50Hz: 25fps [2688 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080] 60Hz: 30fps [2688 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080]	50Hz: 20 fps [3072 × 2048, 3072 × 1728, 2944 × 1656], 25 fps [2560 × 1440, 1920 × 1080, 1280 × 720] 60Hz: 20 fps [3072 × 2048, 3072 × 1728, 2944 × 1656], 30fps [2560 × 1440, 1920 × 1080, 1280 × 720]	50Hz: 25fps [1920 × 1080, 1280 × 960, 1280 × 720] 60Hz: 30fps [1920 × 1080, 1280 × 960, 1280 × 720]	50Hz: 25fps [2688 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080] 60Hz: 30fps [2688 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080]	50Hz: 20 fps [3072 × 2048, 3072 × 1728, 2944 × 1656], 25 fps [2560 × 1440, 1920 × 1080, 1280 × 720] 60Hz: 20 fps [3072 × 2048, 3072 × 1728, 2944 × 1656], 30fps [2560 × 1440, 1920 × 1080, 1280 × 720]	50Hz: 12.5 fps [3840 × 2160], 20fps [3072 × 1728], 25 fps [2560 × 1440, 1920 × 1080, 1280 × 720] 60Hz: 15 fps [3840 × 2160], 20fps [3072 × 1728], 30 fps [2560 × 1440, 1920 × 1080, 1280 × 720]
Streams	3	3	3	3	3	3	3
Protection Level	IP66	IP66	IP66	IP67	IP67	IP67	IP67
Angle Adjustment	Pan: -30° to +30°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: -30° to +30°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: -30° to +30°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 355°, tilt: 0° to 90°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 90°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 90°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 90°, rotate: 0° to 355°
Operating Temperature	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]
Humidity	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)
Local Storage	128GB	128GB	128GB	128GB	128GB	128GB	128GB
Indoor/Outdoor	Indoor	Indoor	Indoor	Outdoor	Outdoor	Outdoor	Outdoor
Audio I/O	2 In, 1 Out (-S)	2 In, 1 Out (-S)	2 In, 1 Out (-S)	1 In, 1 Out (-S)	1 In, 1 Out (-S)	1 In, 1 Out (-S)	1 In, 1 Out (-S)
Alarm I/O	1 In, 1 Out (-S)	1 In, 1 Out (-S)	1 In, 1 Out (-S)	1 In, 1 Out (-S)	1 In, 1 Out (-S)	1 In, 1 Out (-S)	1 In, 1 Out (-S)
Power	12 VDC ± 25%, PoE [802.3af, class 3]	12 VDC ± 25%, PoE [802.3af, class 3]	12 VDC ± 25%, PoE [802.3af, class 3]	12 VDC ± 25%, PoE [802.3at, class 4]	12 VDC ± 25%, PoE [802.3at, class 4]	12 VDC ± 25%, PoE [802.3at, class 4]	12 VDC ± 25%, PoE [802.3at, class 4]

Turbo HD PTZ Camera
Turbo HD Camera
DVRs Encoder
Network Camera
PTZ Dome Camera
Panoramic Camera
NVR
KIT
Thermal
Monitor
Switch
Cable
Transmission
Controller & Accessories
DORI Distance

Model	DS-2CD2723G1-IZ(S)	DS-2CD2743G1-IZ(S)	DS-2CD2763G1-IZ(S)	DS-2CD2783G1-IZ(S)	DS-2CD2H23G1-IZ(S)	DS-2CD2H43G1-IZ(S)
Image						
Image Sensor	1/2.8" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/2.9" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/3" Progressive Scan CMOS
Resolution	1920 × 1080	2688 × 1520	3072 × 2048	3840 × 2160	1920 × 1080	2688 × 1520
Video Compression	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG
Min. Illumination	Color: 0.018 Lux @ [F1.6, AGC ON], 0 Lux with IR	Color: 0.018 Lux @ [F1.6, AGC ON], 0 Lux with IR	Color: 0.018 Lux @ [F1.6, AGC ON], 0 Lux with IR	Color: 0.018 Lux @ [F1.6, AGC ON], 0 Lux with IR	0.018 Lux @ [F1.6, AGC ON], 0 Lux with IR	0.018 Lux @ [F1.6, AGC ON], 0 Lux with IR
WDR	120dB	120dB	120dB	120dB	120 dB	120 dB
Lens	2.8 to 12 mm	2.8 to 12 mm	2.8 to 12 mm	2.8 to 12 mm	2.8 to 12 mm	2.8 to 12 mm
FOV	horizontal FOV: 110° to 31° vertical FOV: 58° to 18° diagonal FOV: 136° to 36°	horizontal FOV: 104° to 29° vertical FOV: 55° to 17° diagonal FOV: 125° to 34°	Horizontal field of view: 88° to 27° Vertical field of view: 56° to 18° Diagonal field of view: 110° to 33°	Horizontal field of view: 105° to 34.5° Vertical field of view: 55° to 19° Diagonal field of view: 125° to 40°	horizontal FOV: 110° to 31° vertical FOV: 58° to 18° diagonal FOV: 136° to 36°	horizontal FOV: 104° to 29° vertical FOV: 55° to 17° diagonal FOV: 125° to 34°
Max. IR Range	30 m	30 m	30 m	30 m	30m	30m
VCA	Line crossing detection, intrusion detection, face detection	Line crossing detection, intrusion detection, face detection	Line crossing detection, intrusion detection, face detection	Line crossing detection, intrusion detection, face detection	Line crossing detection, intrusion detection, face detection	Line crossing detection, intrusion detection, face detection
Frame Rate	50Hz: 25fps [1920 × 1080, 1280 × 960, 1280 × 720] 60Hz: 30fps [1920 × 1080, 1280 × 960, 1280 × 720]	50Hz:25fps [2688 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080] 60Hz: 30fps [2688 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080]	50Hz: 20 fps (3072 × 2048, 3072 × 1728, 2944 × 1656), 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 20 fps (3072 × 2048, 3072 × 1728, 2944 × 1656), 30fps (2560 × 1440, 1920 × 1080, 1280 × 720)	50Hz: 12.5 fps (3840 × 2160), 20fps (3072 × 1728), 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 15 fps (3840 × 2160), 20fps (3072 × 1728), 30 fps (2560 × 1440, 1920 × 1080, 1280 × 720)	50Hz: 25fps [1920 × 1080, 1280 × 960, 1280 × 720] 60Hz: 30fps [1920 × 1080, 1280 × 960, 1280 × 720]	50Hz:25fps [2688 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080] 60Hz: 30fps [2688 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080]
Streams	3	3	3	3	3	3
Protection Level	IP67, IK10	IP67, IK10	IP67, IK10	IP67, IK10	IP67, IK10	IP67, IK10
Angle Adjustment	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 360°
Operating Temperature	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]
Humidity	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)
Local Storage	128GB	128GB	128GB	128GB	128GB	128GB
Indoor/Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Audio I/O	1 In, 1 Out (-S)	1 In, 1 Out (-S)	1 In, 1 Out (-S)	1 In, 1 Out (-S)	1 In, 1 Out (-S)	1 In, 1 Out (-S)
Alarm I/O	1 In, 1 Out (-S)	1 In, 1 Out (-S)	1 In, 1 Out (-S)	1 In, 1 Out (-S)	1 In, 1 Out (-S)	1 In, 1 Out (-S)
Power	12 VDC ± 25%, PoE [802.3af, class 3]	12 VDC ± 25%, PoE [802.3af, class 3]	12 VDC ± 25%, PoE [802.3af, class 3]	12 VDC ± 25%, PoE [802.3af, class 3]	12 VDC ± 25%, PoE [802.3af, class 3]	12 VDC ± 25%, PoE [802.3af, class 3]

EasyIP 1.0 Plus Series

Model	DS-2CD2H6361-I(S)	DS-2CD2H8361-I(S)
Image		
Image Sensor	1/2.9" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS
Resolution	3072 × 2048	3840 × 2160
Video Compression	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG
Min. Illumination	0.018 Lux @ [F1.6, AGC ON], 0 Lux with IR	0.018 Lux @ [F1.6, AGC ON], 0 Lux with IR
WDR	120 dB	120 dB
Lens	2.8 to 12 mm	2.8 to 12 mm
FOV	Horizontal field of view: 88° to 27° Vertical field of view: 56° to 18° Diagonal field of view: 110° to 33°	Horizontal field of view: 105° to 34.5° Vertical field of view: 55° to 19° Diagonal field of view: 125° to 40°
Max. IR Range	30m	30m
VCA	Line crossing detection, intrusion detection, face detection	Line crossing detection, intrusion detection, face detection
Frame Rate	50Hz: 20 fps (3072 × 2048, 3072 × 1728, 2944 × 1656), 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 20 fps (3072 × 2048, 3072 × 1728, 2944 × 1656), 30fps (2560 × 1440, 1920 × 1080, 1280 × 720)	50Hz: 12.5 fps (3840 × 2160), 20fps (3072 × 1728), 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 15 fps (3840 × 2160), 20fps (3072 × 1728), 30 fps (2560 × 1440, 1920 × 1080, 1280 × 720)
Streams	3	3
Protection Level	IP67, IK10	IP67, IK10
Angle Adjustment	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 360°
Operating Temperature	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]
Humidity	95% or less (non-condensing)	95% or less (non-condensing)
Local Storage	128GB	128GB
Indoor/Outdoor	Outdoor	Outdoor
Audio I/O	1 In, 1 Out (-S)	1 In, 1 Out (-S)
Alarm I/O	1 In, 1 Out (-S)	1 In, 1 Out (-S)
Power	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)

Model	DS-2CD2021G1-I(W)	DS-2CD2121G0-I(S)	DS-2CD2121G0-IW(S)
Image			
Image Sensor	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS
Resolution	1920 × 1080	1920 × 1080	1920 × 1080
Video Compression	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+
Min. Illumination	Color: 0.028 Lux @ [F2.0, AGC ON]	Color: 0.028 Lux @ [F2.0, AGC ON]	Color: 0.028 Lux @ [F2.0, AGC ON]
WDR	120dB	120dB	120dB
Lens	2.8mm, 4mm, 6mm	2.8mm, 4mm, 6mm	2.8mm, 4mm, 6mm
FOV	2.8 mm, horizontal FOV: 114°, vertical FOV: 62°, diagonal FOV: 136° 4 mm, horizontal field of view: 86°, vertical FOV: 46°, diagonal FOV: 102° 6 mm, horizontal field of view: 54.5°, vertical FOV: 31.3°, diagonal FOV: 62.3°	2.8 mm: horizontal FOV: 115°, vertical FOV: 62°, diagonal FOV: 136° 4 mm: horizontal FOV: 86°, vertical FOV: 47°, diagonal FOV: 103° 6 mm: horizontal FOV: 55°, vertical FOV: 31°, diagonal FOV: 62°	2.8 mm: horizontal FOV: 115°, vertical FOV: 62°, diagonal FOV: 136° 4 mm: horizontal FOV: 86°, vertical FOV: 47°, diagonal FOV: 103° 6 mm: horizontal FOV: 55°, vertical FOV: 31°, diagonal FOV: 62°
Max. IR Range	30 m	30 m	30 m
VCA	Line crossing detection, intrusion detection	Line crossing detection, intrusion detection	Line crossing detection, intrusion detection
Frame Rate	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)
Streams	2	2	2
Protection Level	IP67	IP67 and IK10	IP67 and IK10
Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 70°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 70°, rotate: 0° to 355°
Operating Temperature	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]
Humidity	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)
Local Storage	128GB	128GB	128GB
Indoor/Outdoor	Outdoor	Outdoor	Outdoor
Audio I/O	-	1 in, 1 out (-S model)	1 in, 1 out (-S model)
Alarm I/O	-	1 in, 1 out (-S model)	1 in, 1 out (-S model)
Power	12 VDC ± 25% PoE: 802.3af, class 3	12 VDC ± 25% PoE: 802.3af, class 3	12 VDC ± 25% PoE: 802.3af, class 3

Turbo HD Camera
 Turbo HD PTZ Camera
 DVRs Encoder
Network Camera
 PTZ Dome Camera
 Panoramic Camera
 NVR
 K/T Thermal Monitor
 Switch
 Cable
 Controller & Transmission
 Accessories
 DORI Distance

Model	DS-2CD2321GO-I/NF	DS-2CD2T21GO-I(S)	DS-2CD2621GO-I(Z)(S)	DS-2CD2721GO-I(Z)(S)	DS-2CD2821GO	DS-2CD2421GO-I(W)
Image						 -NEW
Image Sensor	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS
Resolution	1920 × 1080	1920 × 1080	1920 × 1080	1920 × 1080	1920 × 1080	1920 × 1080
Video Compression	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG
Min. Illumination	Color:0.028Lux @ [F2.0, AGC ON]	Color:0.028Lux @ [F2.0, AGC ON]	Color:0.028Lux @ [F2.0, AGC ON]	Color:0.028Lux @ [F2.0, AGC ON]	0.005 Lux @ [F1.2, AGC ON]	0.028 Lux @ [F2.0, AGC ON]
WDR	120dB	120dB	120dB	120dB	120dB	DWDR
Lens	2.8mm, 4mm, 6mm	4mm, 6mm	2.8 to 12 mm	2.8 to 12 mm	-	2 mm, 2.8 mm, 4 mm
FOV	2.8 mm: horizontal FOV: 103°, vertical FOV: 62°, diagonal FOV: 118° 4 mm: horizontal FOV: 90°, vertical FOV: 48°, diagonal FOV: 109° 6 mm: horizontal FOV: 55°, vertical FOV: 31°, diagonal FOV: 62°	4 mm: horizontal FOV: 86°, vertical FOV: 47°, diagonal FOV: 103° 6 mm: horizontal FOV: 55°, vertical FOV: 31°, diagonal FOV: 62°	Horizontal FOV: 99.6° to 35°, vertical FOV: 53.5° to 20°, diagonal FOV: 118.6° to 40.2°	Horizontal FOV: 99.6° to 35°, vertical FOV: 53.5° to 20°, diagonal FOV: 118.6° to 40.2°	-	2 mm: horizontal FOV: 132°, vertical FOV: 77°, diagonal FOV: 153° 2.8 mm: horizontal FOV: 107°, vertical FOV: 57°, diagonal FOV: 126° 4 mm: horizontal FOV: 85°, vertical FOV: 45°, diagonal FOV: 101°
Max. IR Range	30 m	30 m	30 m	30 m	-	10 m
VCA	Line crossing detection, intrusion detection	Line crossing detection, Intrusion detection	Line crossing detection, intrusion detection	Line crossing detection, intrusion detection	Line crossing detection, intrusion detection	-
Frame Rate	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)
Streams	2	2	2	2	2	2
Protection Level	IP67	IP67	IP67	IP67,IK10	-	-
Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°	-	Pan: 0° to 360°, tilt: 0° to 100°, rotation: 0° to 360°	Pan: 0° to 355°, tilt: 0° to 75°, rotation: 0° to 355°	-	Pan: 0° to 360°, Tilt: 0° to 90°, Rotate: 0° to 360°
Operating Temperature	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [22 °F to +140 °F]	-30 °C to +60 °C [22 °F to +140 °F]	-10 °C to +50 °C [14 °F to +122 °F]	-10 °C to 40°C [14 °F to 104 °F]
Humidity	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)
Local Storage	-	128GB	128GB	128GB	128GB	256GB
Indoor/Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	indoor	indoor
Audio I/O	-	1 In, 1 Out	1 In, 1 Out	1 In, 1 Out	1 In, 1 Out	1 built-in mic, 1 built-in speaker
Alarm I/O	-	1 In, 1 Out	2 In, 2 Out	2 In, 2 Out	1 In, 1 Out	-
Power	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25% PoE (802.3af, class 3)	12 VDC ± 25% PoE (802.3af, class 3)	12 VDC ± 25% PoE (802.3af, class 3)	12VDC/24VAC/PoE(802.3af)	12 VDC ± 25% PoE (802.3af, class 3)

Network Cameras

Value Series

Superior Performance-to-Price Monitoring

1-Series:

- High quality imaging with up to 5 MP resolution
- Easy to install, set up, and manage
- Multiple functions such as built-in mic, ColorVu lite, and more meet a variety of needs

Wi-Fi Series:

- Easy to install
- 2 antennas provide stable and high quality images
- ColorVu models support 24/7 colorful images, with human & vehicle classification
- AcuSense models also support human and vehicle classification



1 Series

Model	DS-2CD1021-I	DS-2CD102360E-I	DS-2CD102360-IU	DS-2CD102760-L	DS-2CD104360-I	DS-2CD105360-I	DS-2CD1121-I
Image							
Image Sensor	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS
Resolution	1920 × 1080	1920 × 1080	1920 × 1080	1920 × 1080	2560 × 1440	2560 × 1920	1920 × 1080
Video Compression	H.265/H.264/MJPEG/H.264+/H.264+	H.265/H.264/MJPEG/H.265+/H.264+	H.265/H.264/MJPEG/H.265+/H.264+	H.265/H.264/MJPEG/H.265+/H.264+	H.265/H.264/MJPEG/H.265+/H.264+	H.265/H.264/MJPEG/H.265+/H.264+	H.264/MJPEG/H.264+
Min. Illumination	Color: 0.028Lux @ [F2.0, AGC ON]	Color: 0.028Lux @ [F2.0, AGC ON]	Color: 0.028Lux @ [F2.0, AGC ON]	Color: 0.001 Lux @ [F1.0, AGC ON]	Color: 0.028 Lux @ [F2.0, AGC ON]	Color: 0.028 Lux @ [F2.0, AGC ON]	Color: 0.028 Lux @ [F2.0, AGC ON]
WDR	DWDR	DWDR	DWDR	DWDR	120dB	120dB	DWDR
Lens	2.8 mm, 4 mm	2.8 mm, 4 mm	2.8 mm, 4 mm	2.8 mm, 4 mm	2.8 mm, 4 mm	2.8 mm, 4 mm	2.8 mm, 4 mm
FOV	2.8 mm @F2.0, horizontal FOV 114°, vertical FOV 62°, diagonal FOV: 135° 4 mm @F2.0, horizontal FOV 87°, vertical FOV 48°, diagonal FOV: 102°	2.8 mm, horizontal FOV 114°, vertical FOV 62°, diagonal FOV 135° 4 mm, horizontal FOV 86°, vertical FOV 46°, diagonal FOV 102°	2.8 mm, horizontal FOV 114°, vertical FOV 62°, diagonal FOV 135° 4 mm, horizontal FOV 86°, vertical FOV 46°, diagonal FOV 102°	2.8 mm, horizontal FOV 107°, vertical FOV 56°, diagonal FOV 127° 4 mm, horizontal FOV 84°, vertical FOV 45°, diagonal FOV 99°	2.8 mm, horizontal FOV 100°, vertical FOV 55°, diagonal FOV 117° 4 mm, horizontal FOV 77°, vertical FOV 42°, diagonal FOV 88°	2.8 mm, horizontal FOV: 100°, vertical FOV: 74°, diagonal FOV: 130° 4 mm, horizontal field of view: 75°, vertical FOV: 55°, diagonal FOV: 98°	2.8 mm @F2.0, horizontal FOV 114°, vertical FOV 62°, diagonal FOV: 135° 4 mm @F2.0, horizontal FOV 87°, vertical FOV 48°, diagonal FOV: 102°
Optical Zoom	-	-	-	-	-	-	-
Max. IR Range	30 m	30 m	30 m	-	30 m	30 m	30 m
VCA	Motion Detection	Motion Detection	Motion Detection	Motion Detection	Motion Detection	Motion Detection	Motion Detection
Frame Rate	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 20fps (2560 × 1440), 25fps (2304 × 1296, 1920 × 1280, 1280 × 720) 60Hz: 20fps (2560 × 1440), 30fps (2304 × 1296, 1920 × 1280, 1280 × 720)	50Hz: 12.5fps (2560 × 1920), 20fps (2560 × 1440), 25fps (2304 × 1296, 1920 × 1080, 1280 × 720) 60Hz: 15fps (2560 × 1920), 20fps (2560 × 1440), 30fps (2304 × 1296, 1920 × 1080, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)
Streams	2	2	2	2	2	2	2
Protection Level	IP67	IP67	IP66	IP67	IP67	IP67	IP67, IK10
Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 180°, rotation: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 180°, rotation: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 180°, rotation: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 180°, rotation: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 180°, rotation: 0° to 360°	Pan: 0° to 355°, tilt: 0° to 75°
Operating Temperature	-30 °C to 60 °C [-22 °F to 140 °F]	-30 °C to 60 °C [-22 °F to 140 °F]	-30 °C to 60 °C [-22 °F to 140 °F]	-30 °C to 60 °C [-22 °F to 140 °F]	-30 °C to 60 °C [-22 °F to 122 °F]	-30 °C to 60 °C [-22 °F to 140 °F]	-30 °C to 60 °C [-22 °F to 140 °F]
Humidity	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)
Local Storage	-	-	-	-	-	-	-
Indoor/Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Audio I/O	-	-	1 Build-in Microphone	-	-	-	-
Power	12 VDC ± 25% PoE: 802.3af, class 3	12 VDC ± 25% PoE: 802.3af, class 3	12 VDC ± 25% PoE: 802.3af, class 3	12 VDC ± 25% PoE: 802.3af, class 3	12 VDC ± 25% PoE: 802.3af, class 3	12 VDC ± 25% PoE: 802.3af, class 3	12 VDC ± 25% PoE: 802.3af, class 3
Interface	1 RJ45 10M/100M Ethernet port	1 RJ45 10M/100M Ethernet port	1 RJ45 10M/100M Ethernet port	1 RJ45 10M/100M Ethernet port	1 RJ45 10M/100M Ethernet port	1 RJ45 10M/100M Ethernet port	1 RJ45 10M/100M Ethernet port

Model	DS-2CD112360E-I	DS-2CD114360-I	DS-2CD115360-I	DS-2CD1321-I	DS-2CD1323G0E-I	DS-2CD1323G0-IU	DS-2CD1327G0-L
Image							
Image Sensor	1/2.8" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS
Resolution	1920 × 1080	2560 × 1440	2560 × 1920	1920 × 1080	1920 × 1080	1920 × 1080	1920 × 1080
Video Compression	H.265/H.264/MJPEG/H.265+/H.264+	H.265/H.264/MJPEG/H.265+/H.264+	H.265/H.264/MJPEG/H.265+/H.264+	H.264/MJPEG/H.264+	H.265/H.264/MJPEG/H.265+/H.264+	H.265/H.264/MJPEG/H.265+/H.264+	H.265/H.264/MJPEG/H.265+/H.264+
Min. Illumination	Color: 0.028Lux @ [F2.0, AGC ON]	Color: 0.028 Lux @ [F2.0, AGC ON]	Color: 0.028 Lux @ [F2.0; AGC ON]	Color: 0.028 Lux @ [F2.0, AGC ON]	Color: 0.028Lux @ [F2.0, AGC ON]	Color: 0.028Lux @ [F2.0, AGC ON]	Color: 0.001 Lux @ [F1.0, AGC ON]
WDR	DWDR	120dB	120dB	DWDR	DWDR	DWDR	DWDR
Lens	2.8 mm, 4 mm	2.8 mm, 4 mm	2.8 mm, 4 mm	2.8 mm, 4 mm	2.8 mm, 4 mm	2.8 mm, 4 mm	2.8 mm, 4 mm
FOV	2.8 mm, horizontal FOV 114°, vertical FOV 62°, diagonal FOV 135° 4 mm, horizontal FOV 86°, vertical FOV 46°, diagonal FOV 102°	2.8 mm, horizontal FOV 100°, vertical FOV 55°, diagonal FOV 117° 4 mm, horizontal FOV 77°, vertical FOV 42°, diagonal FOV 88°	2.8 mm, horizontal FOV: 100°, vertical FOV: 74°, diagonal FOV: 130° 4 mm, horizontal FOV: 75°, vertical FOV: 55°, diagonal FOV: 98°	2.8 mm @F2.0, horizontal FOV 114°, vertical FOV 62°, diagonal FOV 135° 4 mm @F2.0, horizontal FOV 87°, vertical FOV 48°, diagonal FOV 102°	2.8 mm, horizontal FOV 114°, vertical FOV 62°, diagonal FOV 135° 4 mm, horizontal FOV 86°, vertical FOV 46°, diagonal FOV 102°	2.8 mm, horizontal FOV 114°, vertical FOV 62°, diagonal FOV 135° 4 mm, horizontal FOV 86°, vertical FOV 46°, diagonal FOV 102°	2.8 mm, horizontal FOV 107°, vertical FOV 56°, diagonal FOV 127° 4 mm, horizontal FOV 84°, vertical FOV 45°, diagonal FOV 99°
Optical Zoom	-	-	-	-	-	-	-
Max. IR Range	30 m	30 m	30 m	30 m	30 m	30 m	-
VCA	Motion Detection	Motion Detection	Motion Detection	Motion Detection	Motion Detection	Motion Detection	Motion Detection
Frame Rate	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 20fps (2560 × 1440), 25fps (2304 × 1296, 1920 × 1280, 1280 × 720) 60Hz: 30fps (2560 × 1440), 30fps (2304 × 1296, 1920 × 1280, 1280 × 720)	50Hz: 12.5fps (2560 × 1920), 20fps (2560 × 1440), 25fps (2304 × 1296, 1920 × 1080, 1280 × 720) 60Hz: 15fps (2560 × 1920), 20fps (2560 × 1440), 30fps (2304 × 1296, 1920 × 1080, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)
Streams	2	2	2	2	2	2	2
Protection Level	IP67,IK10	IP67,IK10	IP67,IK10	IP67	IP67	IP66	IP67
Angle Adjustment	Pan: 0° to 355°, tilt: 0° to 75°	Pan: 0° to 355°, tilt: 0° to 75°	Pan: 0° to 355°, tilt: 0° to 75°	Pan: 0° to 360°, tilt: 0° to 75°, rotation: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 75°, rotation: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 75°, rotation: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 75°, rotation: 0° to 360°
Operating Temperature	-30 °C to 60 °C [-22 °F to 140 °F]	-30 °C to 60 °C [-22 °F to 122 °F]	-30 °C to 60 °C [-22 °F to 140 °F]	-30 °C to 60 °C [-22 °F to 140 °F]	-30 °C to 60 °C [-22 °F to 140 °F]	-30 °C to 60 °C [-22 °F to 140 °F]	-30 °C to 60 °C [-22 °F to 122 °F]
Humidity	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)
Local Storage	-	-	-	-	-	-	-
Indoor/Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Audio I/O	-	-	-	-	-	1 Build-in Microphone	-
Power	12 VDC ± 25% PoE: 802.3af, class 3	12 VDC ± 25% PoE: 802.3af, class 3	12 VDC ± 25% PoE: 802.3af, class 3	12 VDC ± 25% PoE: 802.3af, class 3	12 VDC ± 25% PoE: 802.3af, class 3	12 VDC ± 25% PoE: 802.3af, class 3	12 VDC ± 25% PoE: 802.3af, class 3
Interface	1 RJ45 10M/100M Ethernet port	1 RJ45 10M/100M Ethernet port	1 RJ45 10M/100M Ethernet port	1 RJ45 10M/100M Ethernet port	1 RJ45 10M/100M Ethernet port	1 RJ45 10M/100M Ethernet port	1 RJ45 10M/100M Ethernet port

Turbo HD PTZ Camera
 Turbo HD Camera
 Camera
 Camera
 DVRS Encoder
Network Camera
 PTZ Dome Camera
 Panoramic Camera
 NVR
 K/T
 Thermal Monitor
 Switch Monitor
 Cable Transmission
 Controller & Accessories
 DORI Distance

Model	DS-2CD1343G0-I	DS-2CD1353G0-I	DS-2CD1T2360-I	DS-2CD1T4360-I	DS-2CD1623G0-I(Z)	DS-2CD1643G0-I(Z)	DS-2CD1653G0-II(Z)
Image	 HOT	 NEW	 NEW			 HOT	
Image Sensor	1/3" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS
Resolution	2560 × 1440	2560 × 1920	1920 × 1080	2560 × 1440	1920 × 1080	2560 × 1440	2560 × 1920
Video Compression	H.265/H.264/MJPEG/H.265+/H.264+	H.265/H.264/MJPEG/H.265+/H.264+	H.265/H.264/MJPEG/H.265+/H.264+	H.265/H.264/MJPEG/H.265+/H.264+	H.265/H.264/MJPEG/H.265+/H.264+	H.265/H.264/MJPEG/H.265+/H.264+	H.265/H.264/MJPEG/H.265+/H.264+
Min. Illumination	Color: 0.028 Lux @ [F2.0, AGC ON]	Color: 0.028 Lux @ [F2.0; AGC ON]	Color: 0.028 Lux @ [F2.0; AGC ON]	Color: 0.018 Lux @ [F1.6, AGC ON]	Color: 0.018 Lux @ [F1.6, AGC ON]	Color: 0.02 Lux @ [F1.6, AGC ON]	Color: 0.02 Lux @ [F1.6, AGC ON]
WDR	120dB	120dB	DWDR	120dB	DWDR	120dB	120dB
Lens	2.8 mm, 4 mm	2.8 mm, 4 mm	4mm, 6mm	4mm, 6mm	2.8 to 12 mm	2.8 to 12 mm	2.8 to 12 mm
FOV	2.8 mm, horizontal FOV 100°, vertical FOV 55°, diagonal FOV 117° 4 mm, horizontal FOV 77°, vertical FOV 42°, diagonal FOV 88°	2.8 mm, horizontal FOV: 100°, vertical FOV: 74°, diagonal FOV: 130° 4 mm, horizontal FOV: 75°, vertical FOV: 55°, diagonal FOV: 98°	4 mm, horizontal FOV 86°, vertical FOV 47°, diagonal FOV 103° 6mm, horizontal FOV 54°, vertical FOV 31°, diagonal FOV 63°	4 mm, horizontal FOV 75°, vertical FOV 41°, diagonal FOV 88° 6 mm, horizontal FOV 49°, vertical FOV 26°, diagonal FOV 57°	Horizontal field of view: 98° to 34° Vertical field of view: 51° to 19° Diagonal field of view: 115° to 40	Horizontal field of view: 98° to 28° Vertical field of view: 51° to 18° Diagonal field of view: 115° to 32°	Horizontal FOV: 98° to 28°, vertical FOV: 71° to 21°, diagonal FOV: 130° to 35°
Optical Zoom	-	-	-	-	4x	4x	4x
Max. IR Range	30 m	30 m	50 m	50 m	30 m	30 m	30 m
VCA	Motion Detection	Motion Detection	Motion Detection	Motion Detection	Motion Detection	Motion Detection	Motion Detection
Frame Rate	50Hz: 12.5fps (2560 × 1920), 20fps (2560 × 1440), 25fps (2304 × 1296, 1920 × 1280, 1280 × 720) 60Hz: 20fps (2560 × 1440), 30fps (2304 × 1296, 1920 × 1280, 1280 × 720)	50Hz: 12.5fps (2560 × 1920), 20fps (2560 × 1440), 25fps (2304 × 1296, 1920 × 1080, 1280 × 720) 60Hz: 15fps (2560 × 1920), 20fps (2560 × 1440), 30fps (2304 × 1296, 1920 × 1080, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 20fps (2560 × 1440), 25fps (2304 × 1296, 1920 × 1080, 1280 × 720) 60Hz: 20fps (2560 × 1440), 30fps (2304 × 1296, 1920 × 1080, 1280 × 720)	50Hz: 20fps (2560 × 1440), 25fps (2304 × 1296, 1920 × 1080, 1280 × 720) 60Hz: 20fps (2560 × 1440), 30fps (2304 × 1296, 1920 × 1080, 1280 × 720)	50Hz: 12.5fps (2560 × 1920), 20fps (2560 × 1440), 25fps (2304 × 1296, 1920 × 1080, 1280 × 720) 60Hz: 15fps (2560 × 1920), 20fps (2560 × 1440), 30fps (2304 × 1296, 1920 × 1080, 1280 × 720)
Streams	2	2	2	2	2	2	2
Protection Level	IP67	IP67	IP67	IP67	IP67	IP67	IP67
Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 75°, rotation: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 180°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 180°, rotate: 0° to 360°	Pan: 0° to 355°, tilt: 0° to 90°, rotation: 0° to 355°	Pan: 0° to 360°, tilt: 0° to 90°, rotation: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 100°, rotate: 0° to 360°
Operating Temperature	-30 °C to 60 °C [-22 °F to 122 °F]	-30 °C to 60 °C [-22 °F to 140 °F]	-30 °C to 60 °C [-22 °F to 140 °F]	-30 °C to 60 °C [-22 °F to 140 °F]	-30 °C to 60 °C [-22 °F to 140 °F]	-30 °C to 60 °C [-22 °F to 140 °F]	-30 °C to 60 °C [-22 °F to 140 °F]
Humidity	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)
Local Storage	-	-	-	-	128GB	128GB	128GB
Indoor/Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Audio I/O	-	-	-	-	-	-	-
Power	12 VDC ± 25% PoE: 802.3af, class 3	12 VDC ± 25% PoE: 802.3af, class 3	12 VDC ± 25% PoE: 802.3af, class 3	12 VDC ± 25% PoE: 802.3af, class 3	12 VDC ± 25% PoE: 802.3af, class 3	12 VDC ± 25% PoE: 802.3af, class 3	12 VDC ± 25% PoE: 802.3af, class 3
Interface	1 RJ45 10M/100M Ethernet port	1 RJ45 10M/100M Ethernet port	1 RJ45 10M/100M Ethernet port	1 RJ45 10M/100M Ethernet port	1 RJ45 10M/100M Ethernet port	1 RJ45 10M/100M Ethernet port	1 RJ45 10M/100M Ethernet port

Model	DS-2CD1723G0-I(Z)	DS-2CD1743G0-I(Z)	DS-2CD1753G0-I(Z)	DS-2CD1H23G0-IZ	DS-2CD1H43G0-IZ	DS-2CD1H53G0-IZ
Image		HOT				
Image Sensor	1/2.8" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS
Resolution	1920 × 1080	2560 × 1440	2560 × 1920	1920 × 1080	2560 × 1440	2560 × 1920
Video Compression	H.265/H.264/MJPEG/H.265+/H.264+	H.265/H.264/MJPEG/H.265+/H.264+	H.265/H.264/MJPEG/H.265+/H.264+	H.265/H.264/MJPEG/H.265+/H.264+	H.265/H.264/MJPEG/H.265+/H.264+	H.265/H.264/MJPEG/H.265+/H.264+
Min. Illumination	Color: 0.018 Lux @ [F1.6, AGC ON]	Color: 0.018 Lux @ [F1.6, AGC ON]	Color: 0.02 Lux @ [F1.6, AGC ON]	Color: 0.02 Lux @ [F1.6, AGC ON]	Color: 0.02 Lux @ [F1.6, AGC ON]	Color: 0.02 Lux @ [F1.6, AGC ON]
WDR	DWDR	120dB	120dB	DWDR	120dB	120dB
Lens	2.8 to 12 mm	2.8 to 12 mm	2.8 to 12 mm	2.8 to 12 mm	2.8 to 12 mm	2.8 to 12 mm
FOV	Horizontal field of view: 98° to 34° Vertical field of view: 51° to 19° Diagonal field of view: 116° to 40	Horizontal field of view: 98° to 28° Vertical field of view: 51° to 16° Diagonal field of view: 115° to 32°	Horizontal FOV: 98° to 28°, vertical FOV: 71° to 21°, diagonal FOV: 130° to 35°	Horizontal FOV 108.5° to 33.2°, vertical FOV 57.5° to 18.8°, diagonal FOV 130° to 38°	Horizontal FOV 92.8° to 29°, vertical FOV 50.2° to 16.4°, diagonal FOV 109° to 32.3°	Horizontal FOV: 98° to 28°, vertical FOV: 71° to 21°, diagonal FOV: 130° to 35°
Optical Zoom	4x	4x	4x	4x	4x	4x
Max. IR Range	30 m	30 m	30 m	30 m	30 m	30 m
VCA	Motion Detection	Motion Detection	Motion Detection	Motion Detection	Motion Detection	Motion Detection
Frame Rate	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 20fps (2560 × 1440), 25fps (2304 × 1296, 1920 × 1280, 1280 × 720) 60Hz: 30fps (2560 × 1440), 30fps (2304 × 1296, 1920 × 1280, 1280 × 720)	50Hz: 12.5fps (2560 × 1920), 20fps (2560 × 1440), 25fps (2304 × 1296, 1920 × 1080, 1280 × 720) 60Hz: 15fps (2560 × 1920), 20fps (2560 × 1440), 30fps (2304 × 1296, 1920 × 1080, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 20fps (2560 × 1440), 25fps (2304 × 1296, 1920 × 1280, 1280 × 720) 60Hz: 30fps (2560 × 1440), 30fps (2304 × 1296, 1920 × 1280, 1280 × 720)	50Hz: 12.5fps (2560 × 1920), 20fps (2560 × 1440), 25fps (2304 × 1296, 1920 × 1080, 1280 × 720) 60Hz: 15fps (2560 × 1920), 20fps (2560 × 1440), 30fps (2304 × 1296, 1920 × 1080, 1280 × 720)
Streams	2	2	2	2	2	2
Protection Level	IP67, IK10	IP67, IK10	IP67, IK10	IP67	IP67	IP67
Angle Adjustment	Pan: 0° to 355°, tilt: 0° to 70°, rotation: 0° to 360°	Pan: 0° to 355°, tilt: 0° to 70°, rotation: 0° to 360°	Pan: 0° to 355°, tilt: 0° to 70°, rotate: 0° to 355°	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°
Operating Temperature	-30 °C to 60 °C (-22 °F to 122 °F)	-30 °C to 60 °C (-22 °F to 140 °F)	-30 °C to 60 °C (-22 °F to 140 °F)	-30 °C to 60 °C (-22 °F to 140 °F)	-30 °C to 60 °C (-22 °F to 140 °F)	-30 °C to 60 °C (-22 °F to 140 °F)
Humidity	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)
Local Storage	128GB	128GB	128GB	128GB	128GB	128GB
Indoor/Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Audio I/O	-	-	-	-	-	-
Power	12 VDC ± 25% PoE: 802.3af, class 3	12 VDC ± 25% PoE: 802.3af, class 3	12 VDC ± 25% PoE: 802.3af, class 3	12 VDC ± 25% PoE: 802.3af, class 3	12 VDC ± 25% PoE: 802.3af, class 3	12 VDC ± 25% PoE: 802.3af, class 3
Interface	1 RJ45 10M/100M Ethernet port	1 RJ45 10M/100M Ethernet port	1 RJ45 10M/100M Ethernet port	1 RJ45 10M/100M Ethernet port	1 RJ45 10M/100M Ethernet port	1 RJ45 10M/100M Ethernet port

Turbo HD Camera
 Turbo HD PTZ Camera
 DVRs Encoder
Network Camera
 PTZ Dome Camera
 Panoramic Camera
 NVR
 K/T
 Thermal Monitor
 Switch
 Cable Transmission
 Controller & Accessories
 DORI Distance

Model	DS-2CV2Q21FD-IW	DS-2CV2U21FD-IW	DS-2CV2U32G1-IDW	DS-2CV1021G0-IDW1	DS-2CV2021G2-IDW	DS-2CV2041G2-IDW
Image						
Image Sensor	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS
Resolution	1920 × 1080	1920 × 1080	2304 × 1296	1920 × 1080	1920 × 1080	2560 × 1440
Video Compression	H.265+/H.265/H.264+/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG
Min. Illumination	Color: 0.028 Lux @ [F2.0, AGC ON], 0 Lux with IR	Color: 0.028 Lux @ [F2.0, AGC ON], 0 Lux with IR	Color: 0.028 Lux @ [F2.0, AGC ON], 0 Lux with IR	Color: 0.018 Lux @ [F2.0, AGC ON]	Color: 0.018 Lux @ [F1.6, AGC ON], 0 Lux with IR	Color: 0.009 Lux @ [F1.6, AGC ON], 0 Lux with IR
WDR	Digital WDR	Digital WDR	120dB WDR	DWDR	DWDR	120dB WDR
Lens	2.0/2.8 mm	2.0/2.8 mm	1.68 mm	2.8/4 mm	2.8/4 mm	2.8/4 mm
FOV	2.0 mm, Horizontal FOV: 130°, Vertical FOV: 76°, Diagonal FOV: 147° 2.8 mm, Horizontal FOV: 112°, Vertical FOV: 60°, Diagonal FOV: 132°	2.0 mm, Horizontal FOV: 130°, Vertical FOV: 76°, Diagonal FOV: 147° 2.8 mm, Horizontal FOV: 112°, Vertical FOV: 60°, Diagonal FOV: 132°	Horizontal field of view: 180°, Vertical field of view: 85°	2.8 mm, horizontal FOV: 114.5°, vertical FOV: 62°, diagonal FOV: 135.5° 4 mm, horizontal FOV: 86°, vertical FOV: 46.5°, diagonal FOV: 102.5°	2.8 mm, horizontal FOV: 112°, vertical FOV: 59°, diagonal FOV: 134°, 4 mm, horizontal FOV: 91°, vertical FOV: 48°, diagonal FOV: 109°	2.8 mm: horizontal FOV: 97°, vertical FOV: 52°, diagonal FOV: 114°; 4 mm: horizontal FOV: 79°, vertical FOV: 42°, diagonal FOV: 93°
Optical Zoom	-	-	-	-	-	-
Max. IR Range	10 m	10 m	10 m	30 m	30 m	30 m
VCA	Motion Detection	Motion Detection	Motion detection, video tampering	Motion detection	Motion detection	Motion detection
Frame Rate	50Hz: 25fps (1920 × 1080, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 720)	50Hz: 20fps (2304 × 1296), 25fps (1920 × 1080, 1280 × 720) 60Hz: 30fps (2304 × 1296), 30fps (1920 × 1080, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 720)	50Hz: 25fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 30fps (2560 × 1440, 1920 × 1080, 1280 × 720)
Streams	2	2	2	2	2	2
Protection Level	-	-	-	IP 66	IP 66	IP 66
Angle Adjustment	Pan: 0° to 355°; Tilt: -10° to 85°	-	Pan: 0° to 360°, tilt: -75° to 65°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°
Operating Temperature	-10 °C to 40°C (14 °F to 104 °F)	-10 °C to 40°C (14 °F to 104 °F)	-10 °C to 40°C (14 °F to 104 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)
Humidity	Humidity 95% or less (non-condensing)	Humidity 95% or less (non-condensing)	Humidity 95% or less (non-condensing)	Humidity 95% or less (non-condensing)	Humidity 95% or less (non-condensing)	Humidity 95% or less (non-condensing)
Local Storage	Built-in microSD/SDHC/SDXC slot, up to 256 GB	Built-in microSD/SDHC/SDXC slot, up to 256 GB	Built-in microSD/SDHC/SDXC slot, up to 128 GB	Built-in microSD/SDHC/SDXC slot, up to 256 GB	Built-in microSD/SDHC/SDXC slot, up to 256 GB	Built-in microSD/SDHC/SDXC slot, up to 256 GB
Indoor/Outdoor	Indoor	Indoor	Indoor	Outdoor	Indoor/Outdoor	Indoor/Outdoor
Audio I/O	1 build-in microphone, 1 build-in speaker	1 build-in microphone, 1 build-in speaker	1 build-in microphone, 1 build-in speaker	1 Built-in mic	1 build-in microphone, 1 build-in speaker	1 build-in microphone, 1 build-in speaker
Alarm I/O	-	-	-	-	-	-
Power	5 VDC ± 10 %	5 VDC ± 10 %	5 VDC ± 10 %	12 VDC ± 25 %	12 VDC ± 25 %	12 VDC ± 25 %
Interface	1 RJ45 10M/100M self-adaptive Ethernet port	-	-	1 RJ45 10M/100M self-adaptive Ethernet port	1 RJ45 10M/100M self-adaptive Ethernet port	1 RJ45 10M/100M self-adaptive Ethernet port

Model	DS-2CV2026G0-IDW	DS-2CV2046G0-IDW	DS-2CV207G0-LDW	DS-2CV2121G2-IDW	DS-2CV2141G2-IDW	DS-2CV2126G0-IDW	DS-2CV2146G0-IDW
Image	 NEW	 NEW	 NEW	 NEW	 NEW	 NEW	 NEW
Image Sensor	1/2.8" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS
Resolution	1920 × 1080	2560 × 1440	1920 × 1080	1920 × 1080	2560 × 1440	1920 × 1080	2560 × 1440
Video Compression	H.265+/H.265/H.264+/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG
Min. Illumination	Color: 0.009 Lux @ [F1.6, AGC ON], 0 Lux with IR	Color: 0.009 Lux @ [F1.6, AGC ON], 0 Lux with IR	Color: 0.001 Lux @ [F1.0, AGC ON]	Color: 0.018 Lux @ [F1.6, AGC ON], 0 Lux with IR	Color: 0.009 Lux @ [F1.6, AGC ON], 0 Lux with IR	Color: 0.009 Lux @ [F1.6, AGC ON], 0 Lux with IR	Color: 0.009 Lux @ [F1.6, AGC ON], 0 Lux with IR
WDR	120dB WDR	120dB WDR	DWDR	DWDR	120dB WDR	120dB WDR	120dB WDR
Lens	2.8/4 mm	2.8/4 mm	2.8/4 mm	2.8/4 mm	2.8/4 mm	2.8/4 mm	2.8/4 mm
FOV	2.8 mm, horizontal FOV: 101°, vertical FOV: 54°, diagonal FOV: 119°; 4 mm, horizontal FOV: 82°, vertical FOV: 44°, diagonal FOV: 97°	2.8 mm, horizontal FOV: 97°, vertical FOV: 52°, diagonal FOV: 114°; 4 mm, horizontal FOV: 79°, vertical FOV: 42°, diagonal FOV: 93°	2.8 mm, horizontal FOV: 106.7°, vertical FOV: 55.5°, diagonal FOV: 126.5°; 4 mm, horizontal FOV: 83.6°, vertical FOV: 44.6°, diagonal FOV: 99.1°	2.8 mm, horizontal FOV: 107°, vertical FOV: 57°, diagonal FOV: 127°; 4 mm, horizontal FOV: 87°, vertical FOV: 46°, diagonal FOV: 104°	2.8 mm, horizontal FOV: 97°, vertical FOV: 52°, diagonal FOV: 114°; 4 mm, horizontal FOV: 87°, vertical FOV: 46°, diagonal FOV: 93°	2.8 mm, horizontal FOV: 107°, vertical FOV: 57°, diagonal FOV: 127°; 4 mm, horizontal FOV: 87°, vertical FOV: 46°, diagonal FOV: 104°	2.8 mm, horizontal FOV: 97°, vertical FOV: 52°, diagonal FOV: 114°; 4 mm, horizontal FOV: 79°, vertical FOV: 42°, diagonal FOV: 93°
Optical Zoom	-	-	-	-	-	-	-
Max. IR Range	30 m	30 m	-	30 m	30 m	30 m	30 m
VCA	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Motion detection	Motion detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection
Frame Rate	50Hz:25fps (1920 × 1080, 1280 × 720); 60Hz:30fps (1920 × 1080, 1280 × 720)	50Hz: 25fps (2560 × 1440, 1920 × 1080, 1280 × 720); 60Hz: 30fps (2560 × 1440, 1920 × 1080, 1280 × 720)	50Hz:25fps (1920 × 1080, 1280 × 720); 60Hz:30fps (1920 × 1080, 1280 × 720)	50Hz:25fps (1920 × 1080, 1280 × 720); 60Hz:30fps (1920 × 1080, 1280 × 720)	50Hz: 25fps (2560 × 1440, 1920 × 1080, 1280 × 720); 60Hz: 30fps (2560 × 1440, 1920 × 1080, 1280 × 720)	50Hz:25fps (1920 × 1080, 1280 × 720); 60Hz:30fps (1920 × 1080, 1280 × 720)	50Hz: 25fps (2560 × 1440, 1920 × 1080, 1280 × 720); 60Hz: 30fps (2560 × 1440, 1920 × 1080, 1280 × 720)
Streams	2	2	2	2	2	2	2
Protection Level	IP 66	IP 66	IP 66	IP 66	IP 66	IP 66	IP 66
Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 355°, tilt: 0° to 75°	Pan: 0° to 355°, tilt: 0° to 75°	Pan: 0° to 355°, tilt: 0° to 75°	Pan: 0° to 355°, tilt: 0° to 75°
Operating Temperature	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]
Humidity	Humidity 95% or less (non-condensing)	Humidity 95% or less (non-condensing)	Humidity 95% or less (non-condensing)	Humidity 95% or less (non-condensing)	Humidity 95% or less (non-condensing)	Humidity 95% or less (non-condensing)	Humidity 95% or less (non-condensing)
Local Storage	Built-in microSD/SDHC/SDXC slot, up to 256 GB	Built-in microSD/SDHC/SDXC slot, up to 256 GB	Built-in microSD/SDHC/SDXC slot, up to 256 GB	Built-in microSD/SDHC/SDXC slot, up to 256 GB	Built-in microSD/SDHC/SDXC slot, up to 256 GB	Built-in microSD/SDHC/SDXC slot, up to 256 GB	Built-in microSD/SDHC/SDXC slot, up to 256 GB
Indoor/Outdoor	Indoor/Outdoor	Indoor/Outdoor	Indoor/Outdoor	Indoor/Outdoor	Indoor/Outdoor	Indoor/Outdoor	Indoor/Outdoor
Audio I/O	1 build-in microphone, 1 build-in speaker	1 build-in microphone, 1 build-in speaker	1 build-in microphone, 1 build-in speaker	1 build-in microphone, 1 build-in speaker	1 build-in microphone, 1 build-in speaker	1 build-in microphone, 1 build-in speaker	1 build-in microphone, 1 build-in speaker
Alarm I/O	-	-	-	-	-	-	-
Power	12 VDC ± 25%	12 VDC ± 25%	12 VDC ± 25%	12 VDC ± 25%	12 VDC ± 25%	12 VDC ± 25%	12 VDC ± 25%
Interface	1 RJ45 10M/100M self-adaptive Ethernet port	1 RJ45 10M/100M self-adaptive Ethernet port	1 RJ45 10M/100M self-adaptive Ethernet port	1 RJ45 10M/100M self-adaptive Ethernet port	1 RJ45 10M/100M self-adaptive Ethernet port	1 RJ45 10M/100M self-adaptive Ethernet port	1 RJ45 10M/100M self-adaptive Ethernet port

Turbo HD Camera
 Turbo HD PTZ Camera
 DVRs Encoder
Network Camera
 PTZ Dome Camera
 Panoramic Camera
 NVR
 K/T
 Thermal Monitor
 Cable Switch
 Controller & Transmission
 Accessories
 DORI Distance

PTZ Dome Cameras

117 Pro Series (EasyIP)

124 Value Series



Network PTZ Dome Cameras

Pro Series (EasyIP)

Almost all of the Pro Series PTZ Cameras are equipped with "powered-by-DarkFighter" technology, making low-light monitoring an easy task. With abundant options for various camera sizes and amazing zoom capability, Pro Series cameras provide the ideal solution for hundreds of scenarios.

- Multiple designs for indoor or outdoor scenarios (5-, 4-, and 3-inch)
- Almost all products support Powered by DarkFighter.
- Min. illumination: Color: 0.005 Lux @ (F1.6, AGC ON) B/W: 0.001 Lux @ (F1.6, AGC ON) IR: 0 Lux
- H.265+ / H.265 codec
- Up to 2592×1944 (5 MP) resolution
- More zoom ratio options – 32x / 25x / 15x / 4x - Auto-tracking technology (supported by specific products)
- Various VCA rules: face detection, intrusion detection, line crossing detection, region entrance detection, region exiting detection, object removal detection, unattended baggage detection, audio exception detection
- Supports ONVIF and CGI
- Supports Hikvision SDK and Third-Party Management Platform
- 4", 5" IR models (S5) support false alarm reduction and human / vehicle classification



Model	DS-2DE5225W-AE	DS-2DE5232W-AE	DS-2DE5425W-AE	DS-2DE5225IW-AE	DS-2DE5232IW-AE
Image					
Image Sensor	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS
Resolution	1920×1080	1920×1080	2560 × 1440	1920×1080	1920×1080
Video Compression	Main Stream: H.265+/H.265/H.264+/H.264	Main Stream: H.265+/H.265/H.264+/H.264	Main Stream: H.265+/H.265/H.264+/H.264	Main Stream: H.265+/H.265/H.264+/H.264	Main Stream: H.265+/H.265/H.264+/H.264
Lens	4.8 mm to 120 mm, 25x optical	4.8 mm to 153 mm, 32x optical	4.8 mm to 120 mm, 25x optical	4.8 mm to 120 mm, 25x optical	4.8 mm to 153 mm, 32x optical
Angle of View	Horizontal field of view: 57.6° to 2.5° (Wide-Tele) Vertical field of view: 34.4° to 1.4° (Wide-Tele) Diagonal field of view: 64.5° to 2.9° (Wide-Tele)	Horizontal field of view: 55.6° to 2.04° (Wide-Tele) Vertical field of view: 32.4° to 1.14° (Wide-Tele) Diagonal field of view: 63° to 2.34° (Wide-Tele)	Horizontal field of view: 59.5° to 2.6° (Wide-Tele) Vertical field of view: 35.7° to 1.5° (Wide-Tele) Diagonal field of view: 66.6 to 3.0° (Wide-Tele)	Horizontal field of view: 57.6° to 2.5° (Wide-Tele) Vertical field of view: 34.4° to 1.4° (Wide-Tele) Diagonal field of view: 64.5° to 2.9° (Wide-Tele)	Horizontal field of view: 55.6° to 2.04° (Wide-Tele) Vertical field of view: 32.4° to 1.14° (Wide-Tele) Diagonal field of view: 63° to 2.34° (Wide-Tele)
Min. Illumination	Color: 0.005 Lux @ [F1.6, AGC ON]	Color: 0.005 Lux @ [F1.6, AGC ON]	Color: 0.005 Lux @ [F1.6, AGC ON]	Color: 0.005 Lux @ [F1.6, AGC ON]	Color: 0.005 Lux @ [F1.6, AGC ON]
WDR	120dB	120dB	120dB	120dB	120dB
Max. IR Range	-	-	-	150 m	150 m
VCA	Face Detection, Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Object Removal Detection, Unattended Baggage Detection	Face Detection, Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Object Removal Detection, Unattended Baggage Detection	Face Detection, Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Object Removal Detection, Unattended Baggage Detection	Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Object Removal Detection, Unattended Baggage Detection, Audio Exception Detection	Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Object Removal Detection, Unattended Baggage Detection, Audio Exception Detection
Frame Rate	50Hz: 25fps [1920 × 1080, 1280 × 960, 1280 × 720] 50fps [1920 × 1080, 1280 × 960, 1280 × 720] 60Hz: 30fps [1920 × 1080, 1280 × 960, 1280 × 720] 60fps [1920 × 1080, 1280 × 960, 1280 × 720]	50Hz: 25fps [1920 × 1080, 1280 × 960, 1280 × 720] 50fps [1920 × 1080, 1280 × 960, 1280 × 720] 60Hz: 30fps [1920 × 1080, 1280 × 960, 1280 × 720] 60fps [1920 × 1080, 1280 × 960, 1280 × 720]	50Hz: 25fps [2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720] 50fps [1920 × 1080, 1280 × 960, 1280 × 720] 60Hz: 30fps [2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720] 60fps [1920 × 1080, 1280 × 960, 1280 × 720]	50Hz: 25fps [1920 × 1080, 1280 × 960, 1280 × 720] 50fps [1280 × 960, 1280 × 720] 60Hz: 30fps [1920 × 1080, 1280 × 960, 1280 × 720] 60fps [1280 × 960, 1280 × 720]	50Hz: 25fps [1920 × 1080, 1280 × 960, 1280 × 720] 50fps [1280 × 960, 1280 × 720] 60Hz: 30fps [1920 × 1080, 1280 × 960, 1280 × 720] 60fps [1280 × 960, 1280 × 720]
Streams	3	3	3	3	3
Protection Level	IP66 Standard, IK10, 4000V Lightning Protection, Surge Protection and Voltage Transient Protection	IP66 Standard, IK10, 4000V Lightning Protection, Surge Protection and Voltage Transient Protection	IP66 Standard, IK10, 4000V Lightning Protection, Surge Protection and Voltage Transient Protection	IP66 Standard, 4000V Lightning Protection, Surge Protection and Voltage Transient Protection	IP66 Standard, 4000V Lightning Protection, Surge Protection and Voltage Transient Protection
Pan Range	360° endless	360° endless	360° endless	360° endless	360° endless
Tilt Range	From -5° to 90° (Auto-flip)	From -5° to 90° (Auto-flip)	From -5° to 90° (Auto-flip)	From -15° to 90° (Auto-flip)	From -15° to 90° (Auto-flip)
Pan Speed	Configurable, from 0.1°/s to 250°/s	Configurable, from 0.1°/s to 250°/s	Configurable, from 0.1°/s to 250°/s	Configurable, from 0.1°/s to 120°/s	Configurable, from 0.1°/s to 120°/s
Tilt Speed	Configurable, from 0.1°/s to 150°/s	Configurable, from 0.1°/s to 150°/s	Configurable, from 0.1°/s to 150°/s	Configurable, from 0.1°/s to 80°/s	Configurable, from 0.1°/s to 80°/s
Operating Temperature	-30°C to 65°C (-22°F to 149°F)	-30°C to 65°C (-22°F to 149°F)	-30°C to 65°C (-22°F to 149°F)	-30°C to 65°C (-22°F to 149°F)	-30°C to 65°C (-22°F to 149°F)
Humidity	≤ 90%	≤ 90%	≤ 90%	≤ 90%	≤ 90%
Local Storage	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NFS, SMB/CIFS), ANR	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NFS, SMB/CIFS), ANR	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NFS, SMB/CIFS), ANR	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NFS, SMB/CIFS), ANR	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NFS, SMB/CIFS), ANR
Audio I/O	1/1	1/1	1/1	1/1	1/1
Alarm I/O	2/1	2/1	2/1	2/1	2/1
Power	24 VAC & PoE (802.3at) Max.: 22 W	24 VAC & PoE (802.3at) Max.: 22 W	24 VAC & PoE (802.3at) Max.: 22 W	24 VAC & Hi-PoE Max.: 30 W (Max. 10 W for IR)	24 VAC & Hi-PoE Max.: 30 W (Max. 10 W for IR)

Model	DS-2DE5425IW-AE	DS-2DE5432IW-AE
Image		
Image Sensor	1/2.5" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS
Resolution	2560 × 1440	2560 × 1440
Video Compression	Main Stream: H.265+/H.265/H.264+/H.264	Main Stream: H.265+/H.265/H.264+/H.264
Lens	4.8 mm to 120 mm, 25x optical zoom	4.8 mm to 153 mm, 32x optical zoom
Angle of View	Horizontal field of view: 59.5° to 2.6° (Wide-Tele) Vertical field of view: 35.7° to 1.5° (Wide-Tele) Diagonal field of view: 66.6° to 3.0° (Wide-Tele)	Horizontal field of view: 61.3° to 2.18° (Wide-Tele) Vertical field of view: 36.9° to 1.22° (Wide-Tele) Diagonal field of view: 68.4° to 2.5° (Wide-Tele)
Min. Illumination	Color: 0.005 Lux @ [F1.6, AGC ON]	Color: 0.005 Lux @ [F1.6, AGC ON]
WDR	120dB	120dB
Max. IR Range	150 m	150 m
VCA	Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Object Removal Detection, Unattended Baggage Detection, Audio Exception Detection	Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Object Removal Detection, Unattended Baggage Detection, Audio Exception Detection
Frame Rate	50Hz: 25fps [2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720] 50fps [1920 × 1080, 1280 × 960, 1280 × 720] 60Hz: 30fps [2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720] 60fps [1920 × 1080, 1280 × 960, 1280 × 720]	50Hz: 25fps [2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720] 50fps [1920 × 1080, 1280 × 960, 1280 × 720] 60Hz: 30fps [2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720] 60fps [1920 × 1080, 1280 × 960, 1280 × 720]
Streams	3	3
Protection Level	IP66 Standard, 4000V Lightning Protection, Surge Protection and Voltage Transient Protection	IP66 Standard, 4000V Lightning Protection, Surge Protection and Voltage Transient Protection
Pan Range	360° endless	360° endless
Tilt Range	From -15° to 90° (auto-flip)	From -15° to 90° (auto-flip)
Pan Speed	Configurable, from 0.1°/s to 120°/s	Configurable, from 0.1°/s to 120°/s
Tilt Speed	Configurable, from 0.1°/s to 80°/s	Configurable, from 0.1°/s to 80°/s
Operating Temperature	-30°C to 65°C (-22°F to 149°F)	-30°C to 65°C (-22°F to 149°F)
Humidity	≤ 90%	≤ 90%
Local Storage	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NFS, SMB/CIFS), ANR	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NFS, SMB/CIFS), ANR
Audio I/O	1/1	1/1
Alarm I/O	2/1	2/1
Power	24 VAC & Hi-PoE Max.: 30 W [Max. 10 W for IR]	24 VAC & Hi-PoE Max.: 30 W [Max. 10 W for IR]

Model	DS-2DE4A204IW-DE (2.8-12mm)	DS-2DE4A204IW-DE (8-32mm)
Image		
Image Sensor	1/1.9" Progressive Scan CMOS	1/1.9" Progressive Scan CMOS
Resolution	1920×1080	1920×1080
Video Compression	Main Stream: H.265+/H.265/H.264+/H.264	Main Stream: H.265+/H.265/H.264+/H.264
Lens	2.8 mm to 12 mm, 4x Optical	8 mm to 32 mm, 4x Optical
Angle of View	Horizontal field of view: 83° to 31° (wide-tele) Vertical field of view: 45° to 18° (wide-tele) Diagonal field of view: 98° to 36° (wide-tele)	Horizontal field of view: 42° to 13° (wide-tele) Vertical field of view: 25° to 8° (wide-tele) Diagonal field of view: 51° to 15° (wide-tele)
Min. Illumination	Color: 0.002 Lux @ [F1.6, AGC ON]	Color: 0.002 Lux @ [F1.6, AGC ON]
WDR	120dB	120dB
Max. IR Range	50 m	50 m
VCA	Intrusion Detection, Line Crossing Detection, Region Exiting Detection, Region Entrance Detection	Intrusion Detection, Line Crossing Detection, Audio Exception Detection, Region Entrance Detection, Region Exiting Detection, Face Detection
Frame Rate	50Hz: 25fps [1920 × 1080, 1280 × 960, 1280 × 720] 50fps [1920 × 1080, 1280 × 960, 1280 × 720] 60Hz: 30fps [1920 × 1080, 1280 × 960, 1280 × 720] 60fps [1920 × 1080, 1280 × 960, 1280 × 720]	50Hz: 25fps [1920 × 1080, 1280 × 960, 1280 × 720] 50fps [1920 × 1080, 1280 × 960, 1280 × 720] 60Hz: 30fps [1920 × 1080, 1280 × 960, 1280 × 720] 60fps [1920 × 1080, 1280 × 960, 1280 × 720]
Streams	3	3
Protection Level	IP66 Standard; 4000V Lightning Protection, Surge Protection and Voltage Transient Protection	IP66 Standard; 4000V Lightning Protection, Surge Protection and Voltage Transient Protection
Pan Range	360° endless	360° endless
Tilt Range	From -5° to 90°	From -5° to 90°
Pan Speed	Configurable, from 0.1°/s to 300°/s, Preset Speed: 350°/s	Configurable, from 0.1°/s to 300°/s, Preset Speed: 350°/s
Tilt Speed	Configurable, from 0.1°/s to 160°/s, Preset Speed: 200°/s	Configurable, from 0.1°/s to 160°/s, Preset Speed: 200°/s
Operating Temperature	-30°C to 65°C (-22°F to 149°F)	-30°C to 65°C (-22°F to 149°F)
Humidity	≤ 90%	≤ 90%
Local Storage	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 128 GB; NAS (NFS, SMB/CIFS), ANR	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 128 GB; NAS (NFS, SMB/CIFS), ANR
Audio I/O	1/1	1/1
Alarm I/O	2/2	2/2
Power	12 VDC & PoE (802.3at) Max.: 18 W [Max. 5 W for IR]	12 VDC & PoE (802.3at) Max.: 18 W [Max. 5 W for IR]

Turbo HD Camera
Turbo HD PTZ Camera
DVRs Encoder Network Camera
Panoramic Camera
NVR KIT Thermal Monitor Switch Cable Controller & Transmission Accessories DORI Distance

Model	DS-2DE4A215IW-DE	DS-2DE4A225IW-DE	DS-2DE4A404IW-DE (2.8-12mm)	DS-2DE4A404IW-DE (8-32mm)
Image		HOT	DarkFighter	DarkFighter
Image Sensor	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/1.9" Progressive Scan CMOS	1/1.9" Progressive Scan CMOS
Resolution	1920×1080	1920×1080	2560×1440	2560×1440
Video Compression	Main Stream: H.265+/H.265/H.264+/H.264	Main Stream: H.265+/H.265/H.264+/H.264	Main Stream: H.265+/H.265/H.264+/H.264	Main Stream: H.265+/H.265/H.264+/H.264
Lens	5 mm to 75 mm, 15x optical	4.8 mm to 120 mm, 25x optical	2.8 mm to 12 mm, 4x optical zoom	8 mm to 32 mm, 4x optical zoom
Angle of View	Horizontal field of view: 53.8° to 4.0° [wide-tele] Vertical field of view: 31.9° to 2.3° [wide-tele] Diagonal field of view: 60.4° to 4.6°[wide-tele]	Horizontal field of view: 57.6° to 2.5° [Wide-Tele] Vertical field of view: 34.4° to 1.4° [Wide-Tele] Diagonal field of view: 64.5° to 2.9° [Wide-Tele]	Horizontal field of view: 69.5° to 26.48° [Wide-Tele] Vertical field of view: 38° to 14.94° [Wide-Tele] Diagonal field of view: 81.2° to 20.38° [Wide-Tele]	Horizontal field of view: 36° to 11.56° [Wide-Tele] Vertical field of view: 20° to 6.6° [Wide-Tele] Diagonal field of view: 41.4° to 13.18° [Wide-Tele]
Min. Illumination	Color: 0.005 Lux @ [F1.6, AGC ON]	Color: 0.005 Lux @ [F1.6, AGC ON]	Color: 0.002 Lux @ [F1.6, AGC ON]	Color: 0.002 Lux @ [F1.6, AGC ON]
WDR	120dB	120dB	DWDR	DWDR
Max. IR Range	50 m	50 m	50 m	50 m
VCA	Audio Exception Detection, Face Detection, Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Unattended Baggage Detection, Object Removal Detection	Audio Exception Detection, Face Detection, Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Unattended Baggage Detection, Object Removal Detection	Audio Exception Detection, Face Detection, Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Unattended Baggage Detection, Object Removal Detection	Audio Exception Detection, Face Detection, Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Unattended Baggage Detection, Object Removal Detection
Frame Rate	50Hz: 25fps [1920 × 1080, 1280 × 960, 1280 × 720] 50fps [1920 × 1080, 1280 × 960, 1280 × 720] 60Hz: 30fps [1920 × 1080, 1280 × 960, 1280 × 720] 60fps [1920 × 1080, 1280 × 960, 1280 × 720]	50Hz: 25fps [1920 × 1080, 1280 × 960, 1280 × 720] 50fps [1920 × 1080, 1280 × 960, 1280 × 720] 60Hz: 30fps [1920 × 1080, 1280 × 960, 1280 × 720] 60fps [1920 × 1080, 1280 × 960, 1280 × 720]	50Hz: 25fps [2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720] 50fps [1920 × 1080, 1280 × 960, 1280 × 720] 60Hz: 30fps [2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720] 60fps [1920 × 1080, 1280 × 960, 1280 × 720]	50Hz: 25fps [2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720] 50fps [1920 × 1080, 1280 × 960, 1280 × 720] 60Hz: 30fps [2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720] 60fps [1920 × 1080, 1280 × 960, 1280 × 720]
Streams	3	3	3	3
Protection Level	IP66 Standard; 4000V Lightning Protection, Surge Protection and Voltage Transient Protection	IP66 Standard, 4000V Lightning Protection, Surge Protection and Voltage Transient Protection	IP66 Standard; 4000V Lightning Protection, Surge Protection and Voltage Transient Protection	IP66 Standard; 4000V Lightning Protection, Surge Protection and Voltage Transient Protection
Pan Range	360° endless	360° endless	360° endless	360° endless
Tilt Range	From -5° to 90°[Auto-flip]	From -5° to 90°[Auto-flip]	From -5° to 90°[Auto-flip]	From -5° to 90°
Pan Speed	Configurable, from 0.1°/s to 300°/s Preset Speed: 350°/s	Configurable, from 0.1°/s to 300°/s Preset Speed: 350°/s	Configurable, from 0.1°/s to 300°/s. Preset speed: 350°/s	Configurable, from 0.1°/s to 300°/s, Preset Speed: 350°/s
Tilt Speed	Configurable, from 0.1°/s to 160°/s Preset Speed: 200°/s	Configurable, from 0.1°/s to 160°/s Preset Speed: 200°/s	Configurable, from 0.1°/s to 160°/s. Preset Speed: 200°/s	Configurable, from 0.1°/s to 160°/s, Preset Speed: 200°/s
Operating Temperature	-30°C to 65°C [-22°F to 149°F]	-30°C to 65°C [-22°F to 149°F]	-30°C to 65°C [-22°F to 149°F]	-30°C to 65°C [-22°F to 149°F]
Humidity	≤ 90%	≤ 90%	≤ 90%	≤ 90%
Local Storage	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NFS, SMB/ CIFS), ANR	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NFS, SMB/ CIFS), ANR	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NFS, SMB/ CIFS), ANR	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NFS, SMB/ CIFS), ANR
Audio I/O	1/1	1/1	1/1	1/1
Alarm I/O	-	2/2	2/2	2/2
Power	12 VDC & PoE (802.3at) Max.: 18 W [Max. 5 W for IR]	12 VDC & PoE (802.3at) Max.: 18 W [Max. 5.5 W for IR]	12 VDC & PoE (802.3at) Max.: 18 W [Max. 5.5 W for IR]	12 VDC & PoE (802.3at) Max.: 18 W [Max. 5.5 W for IR]

Model	DS-2DE4A425IW-DE	DS-2DE4215IW-DE	DS-2DE4225IW-DE	DS-2DE4415IW-DE	DS-2DE4425IW-DE
Image					
Image Sensor	1/2.5" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS
Resolution	2560×1440	1920×1080	1920×1080	2560 × 1440	2560 × 1440
Video Compression	Main Stream: H.265+/H.265/H.264+/H.264	Main Stream: H.265+/H.265/H.264+/H.264	Main Stream: H.265+/H.265/H.264+/H.264	Main Stream: H.265+/H.265/H.264+/H.264	Main Stream: H.265+/H.265/H.264+/H.264
Lens	4.8 mm to 120 mm, 25x optical zoom	5 mm to 75 mm, 15x optical zoom	4.8 mm to 120 mm, 25x optical zoom	5 mm to 75 mm, 15x optical zoom	4.8 mm to 120 mm, 25x optical zoom
Angle of View	Horizontal field of view: 57.6° to 2.5° (Wide-Tele) Vertical field of view: 34.4° to 1.4° (Wide-Tele) Diagonal field of view: 64.5° to 2.9° (Wide-Tele)	Horizontal field of view: 53.8° to 4° (Wide-Tele) Vertical field of view: 31.9° to 2.3° (Wide-Tele) Diagonal field of view: 60.4° to 4.6° (Wide-Tele)	Horizontal field of view: 57.6° to 2.5° (Wide-Tele) Vertical field of view: 34.4° to 1.4° (Wide-Tele) Diagonal field of view: 64.5° to 2.9° (Wide-Tele)	Horizontal field of view: 53.8° to 4° (Wide-Tele) Vertical field of view: 31.9° to 2.3° (Wide-Tele) Diagonal field of view: 60.4° to 4.6° (Wide-Tele)	Horizontal field of view: 59.5° to 2.6° (Wide-Tele) Vertical field of view: 35.7° to 1.5° (Wide-Tele) Diagonal field of view: 66.6 to 3.0° (Wide-Tele)
Min. Illumination	Color: 0.005 Lux @ [F1.6, AGC ON]	Color: 0.005 Lux @ [F1.6, AGC ON]	Color: 0.005 Lux @ [F1.6, AGC ON]	Color: 0.005 Lux @ [F1.6, AGC ON]	Color: 0.005 Lux @ [F1.6, AGC ON]
WDR	120dB	120dB	120dB	120dB	120dB
Max. IR Range	50 m	100 m	100 m	100 m	100 m
VCA	Audio Exception Detection, Face Detection, Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Unattended Baggage Detection, Object Removal Detection	Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Object Removal Detection, Unattended Baggage Detection	Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Object Removal Detection, Unattended Baggage Detection	Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Object Removal Detection, Unattended Baggage Detection	Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Object Removal Detection, Unattended Baggage Detection, Audio Exception Detection
Frame Rate	50Hz: 25fps [2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720] 50fps [1920 × 1080, 1280 × 960, 1280 × 720] 60Hz: 30fps [2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720] 60fps [1920 × 1080, 1280 × 960, 1280 × 720]	50Hz: 25fps [1920 × 1080, 1280 × 960, 1280 × 720] 50fps [1280 × 960, 1280 × 720] 60Hz: 30fps [1920 × 1080, 1280 × 960, 1280 × 720] 60fps [1280 × 960, 1280 × 720]	50Hz: 25fps [1920 × 1080, 1280 × 960, 1280 × 720] 50fps [1280 × 960, 1280 × 720] 60Hz: 30fps [1920 × 1080, 1280 × 960, 1280 × 720] 60fps [1280 × 960, 1280 × 720]	50Hz: 25fps [2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720] 50fps [1920 × 1080, 1280 × 960, 1280 × 720] 60Hz: 30fps [2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720] 60fps [1920 × 1080, 1280 × 960, 1280 × 720]	50Hz: 25fps [2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720] 50fps [1920 × 1080, 1280 × 960, 1280 × 720] 60Hz: 30fps [2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720] 60fps [1920 × 1080, 1280 × 960, 1280 × 720]
Streams	3	3	3	3	3
Protection Level	IP66 Standard, 4000V Lightning Protection, Surge Protection and Voltage Transient Protection	IP66 Standard, 4000V Lightning Protection, Surge Protection and Voltage Transient Protection	IP66 Standard, 4000V Lightning Protection, Surge Protection and Voltage Transient Protection	IP66 Standard, 4000V Lightning Protection, Surge Protection and Voltage Transient Protection	IP66 Standard, 4000V Lightning Protection, Surge Protection and Voltage Transient Protection
Pan Range	360° endless	360° endless	360° endless	360° endless	360° endless
Tilt Range	From -5° to 90° (Auto-flip)	From -15° to 90° (Auto-flip)	From -15° to 90° (Auto-flip)	From -15° to 90° (Auto-flip)	From -15° to 90° (Auto-flip)
Pan Speed	Configurable, from 0.1°/s to 300°/s Preset Speed: 350°/s	Configurable, from 0.1°/s to 80°/s, Preset speed: 80°/s	Configurable, from 0.1°/s to 80°/s, Preset speed: 80°/s	Configurable, from 0.1°/s to 80°/s, Preset speed: 80°/s	Configurable, from 0.1°/s to 80°/s, Preset speed: 80°/s
Tilt Speed	Configurable, from 0.1°/s to 160°/s Preset Speed: 200°/s	Configurable, from 0.1°/s to 80°/s Preset Speed: 80°/s	Configurable, from 0.1°/s to 80°/s Preset Speed: 80°/s	Configurable, from 0.1°/s to 80°/s Preset Speed: 80°/s	Configurable, from 0.1°/s to 80°/s Preset Speed: 80°/s
Operating Temperature	-30°C to 65°C [-22°F to 149°F]	-30°C to 65°C [-22°F to 149°F]	-30°C to 65°C [-22°F to 149°F]	-30°C to 65°C [-22°F to 149°F]	-30°C to 65°C [-22°F to 149°F]
Humidity	≤ 90%	≤ 90%	≤ 90%	≤ 90%	≤ 90%
Local Storage	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS [NFS, SMB/CIFS], ANR	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS [NFS, SMB/CIFS], ANR	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS [NFS, SMB/CIFS], ANR	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS [NFS, SMB/CIFS], ANR	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS [NFS, SMB/CIFS], ANR
Audio I/O	1/1	-	1/1	-	1/1
Alarm I/O	2/2	-	-	-	-
Power	12 VDC & PoE [802.3at] Max.: 18 W [Max. 5 W for IR]	12 VDC & PoE [802.3at] Max.: 18 W [Max. 7 W for IR]	12 VDC & PoE [802.3at] Max.: 18 W [Max. 7 W for IR]	12 VDC & PoE [802.3at] Max.: 18 W [Max. 7 W for IR]	12 VDC & PoE [802.3at] Max.: 18 W [Max. 7 W for IR]

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Model	DS-2DE4215W-DE(3)	DS-2DE4225W-DE(3)	DS-2DE4415W-DE3	DS-2DE4425W-DE
Image				
Image Sensor	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS
Resolution	1920×1080	1920×1080	2560 × 1440	2560 × 1440
Video Compression	Main Stream: H.265+/H.265/H.264+/H.264	Main Stream: H.265+/H.265/H.264+/H.264	Main Stream: H.265+/H.265/H.264+/H.264	Main Stream: H.265+/H.265/H.264+/H.264
Lens	5 mm to 75 mm, 15× optical zoom	4.8 mm to 120 mm, 25× optical zoom	5 mm to 75 mm, 15× optical zoom	4.8 mm to 120 mm, 25× optical zoom
Angle of View	Horizontal field of view: 53.8° to 4° (Wide-Tele) Vertical field of view: 31.9° to 2.3° (Wide-Tele) Diagonal field of view: 60.4° to 4.6° (Wide-Tele)	Horizontal field of view: 57.6° to 2.5° (Wide-Tele) Vertical field of view: 34.4° to 1.4° (Wide-Tele) Diagonal field of view: 64.5° to 2.9° (Wide-Tele)	Horizontal field of view: 53.8° to 4° (Wide-Tele) Vertical field of view: 31.9° to 2.3° (Wide-Tele) Diagonal field of view: 60.4° to 4.6° (Wide-Tele)	Horizontal field of view: 59.5° to 2.6° (Wide-Tele) Vertical field of view: 35.7° to 1.5° (Wide-Tele) Diagonal field of view: 66.6° to 3.0° (Wide-Tele)
Min. Illumination	Color: 0.005 Lux @ [F1.6, AGC ON]	Color: 0.005 Lux @ [F1.6, AGC ON]	Color: 0.005 Lux @ [F1.6, AGC ON]	Color: 0.005 Lux @ [F1.6, AGC ON]
WDR	120dB	120dB	120dB	120dB
Max. IR Range	-	-	-	-
VCA	Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Object Removal Detection, Unattended Baggage Detection	Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Object Removal Detection, Unattended Baggage Detection, Audio Exception Detection	Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Object Removal Detection, Unattended Baggage Detection	Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Object Removal Detection, Unattended Baggage Detection, Audio Exception Detection
Frame Rate	50Hz: 25fps [1920 × 1080, 1280 × 960, 1280 × 720] 50fps [1280 × 960, 1280 × 720] 60Hz: 30fps [1920 × 1080, 1280 × 960, 1280 × 720] 60fps [1280 × 960, 1280 × 720]	50Hz: 25fps [1920 × 1080, 1280 × 960, 1280 × 720] 50fps [1280 × 960, 1280 × 720] 60Hz: 30fps [1920 × 1080, 1280 × 960, 1280 × 720] 60fps [1280 × 960, 1280 × 720]	50Hz: 25fps [2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720] 50fps [1920 × 1080, 1280 × 960, 1280 × 720] 60Hz: 30fps [2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720] 60fps [1920 × 1080, 1280 × 960, 1280 × 720]	50Hz: 25fps [2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720] 50fps [1920 × 1080, 1280 × 960, 1280 × 720] 60Hz: 30fps [2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720] 60fps [1920 × 1080, 1280 × 960, 1280 × 720]
Streams	3	3	3	3
Protection Level	4000V Lightning Protection, Surge Protection and Voltage Transient Protection	IP66 Standard (only for outdoor models), 4000V Lightning Protection, Surge Protection and Voltage Transient Protection	4000V Lightning Protection, Surge Protection and Voltage Transient Protection	IP66 Standard, 4000 V Lightning Protection, Surge Protection and Voltage Transient Protection
Pan Range	360° endless	360° endless	360° endless	360° endless
Tilt Range	From 0° to 90° (Auto-flip)	From 0° to 90° (Auto-flip)	From 0° to 90° (Auto-flip)	From 0° to 90° (Auto-flip)
Pan Speed	Configurable, from 0.1°/s to 160°/s, Preset speed: 160°/s	Configurable, from 0.1°/s to 160°/s Preset speed: 160°/s	Configurable, from 0.1°/s to 160°/s Preset speed: 160°/s	Configurable, from 0.1°/s to 160°/s, Preset speed: 160°/s
Tilt Speed	Configurable, from 0.1°/s to 120°/s Preset Speed: 120°/s	Configurable, from 0.1°/s to 120°/s Preset Speed: 120°/s	Configurable, from 0.1°/s to 120°/s Preset Speed: 120°/s	Configurable, from 0.1°/s to 120°/s Preset Speed: 120°/s
Operating Temperature	Indoor Models: -10°C to 50°C [-14°F to 122°F] Outdoor Models: -30°C to 65°C [-22°F to 149°F]	Indoor Models: -10°C to 50°C [-14°F to 122°F] Outdoor Models: -30°C to 65°C [-22°F to 149°F]	-10°C to 50°C [-14°F to 122°F]	-30°C to 65°C [-22°F to 149°F]
Humidity	≤ 90%	≤ 90%	≤ 90%	≤ 90%
Local Storage	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NFS, SMB/ CIFS), ANR	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NFS, SMB/ CIFS), ANR	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NFS, SMB/ CIFS), ANR	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NFS, SMB/ CIFS), ANR
Audio I/O	-	1/1	-	1/1
Alarm I/O	-	1/1	-	1/1
Power	12 VDC & PoE (802.3at) Max.: 18 W	12 VDC & PoE (802.3at) Max.: 18 W	12 VDC & PoE (802.3at) Max.: 18 W	12 VDC & PoE (802.3at) Max.: 18 W

Model	DS-2DE3A404IW-DE	DS-2DE3A404IW-DE/W	DS-2DE3204W-DE	DS-2DE3304W-DE
Image	 HOT NEW	 HOT NEW		
Image Sensor	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS
Resolution	2560 × 1440	2560 × 1440	1920 × 1080	2048 × 1536
Video Compression	H.265+/H.265/H.264+/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG
Lens	2.8 mm to 12 mm, 4 × optical zoom	2.8 mm to 12 mm, 4 × optical zoom	2.8 mm to 12 mm, 4 × optical zoom	2.8 mm to 12 mm, 4 × optical zoom
Angle of View	Horizontal field of view: 96.7° to 31.6° (wide-tele) Vertical field of view: 51.1° to 17.7° (wide-tele) Diagonal field of view: 115.1° to 36.3° (wide-tele)	Horizontal field of view: 96.7° to 31.6° (wide-tele) Vertical field of view: 51.1° to 17.7° (wide-tele) Diagonal field of view: 115.1° to 36.3° (wide-tele)	Horizontal field of view: 100.5° to 32.6° (wide-tele) Vertical field of view: 52.8° to 18.3° (wide-tele) Diagonal field of view: 120.2° to 37.5° (wide-tele)	Horizontal field of view: 102° to 33° (wide-tele) Vertical field of view: 74° to 24° (wide-tele) Diagonal field of view: 135° to 41° (wide-tele)
Min. Illumination	Color: 0.005 Lux @ [F1.5, AGC ON]	Color: 0.005 Lux @ [F1.5, AGC ON]	Color: 0.05 Lux @ [F1.5, AGC ON]	Color: 0.05 Lux @ [F1.6, AGC ON]
WDR	120dB	120dB	DWDR	DWDR
Max. IR Range	50 m	50 m	-	-
VCA	Face detection, intrusion detection, line crossing detection, region entrance detection, region exiting detection, object removal detection, unattended baggage detection, audio exception detection	Face detection, intrusion detection, line crossing detection, region entrance detection, region exiting detection, object removal detection, unattended baggage detection, audio exception detection	Intrusion Detection, Line Crossing Detection, Audio Exception Detection	Intrusion detection, line crossing detection, audio exception detection, motion detection
Frame Rate	50Hz: 25fps [2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720] 60Hz: 30fps [2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720]	50Hz: 25fps [2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720] 60Hz: 30fps [2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720]	50Hz: 25fps [1920 × 1080, 1280 × 960, 1280 × 720], 50fps [1280 × 960, 1280 × 720] 60Hz: 30fps [1920 × 1080, 1280 × 960, 1280 × 720], 30fps [1280 × 960, 1280 × 720]	50Hz: 25fps [2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720], 50fps [1280 × 960, 1280 × 720]; 60Hz: 30fps [2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720], 60fps [1280 × 960, 1280 × 720]
Streams	3	3	3	3
Protection Level	IP66 standard, 6000V lightning protection, surge protection and voltage transient protection	IP66 standard, 6000V lightning protection, surge protection and voltage transient protection	IP66, IK10, 4000V Lightning Protection, Surge Protection, Voltage Transient Protection	IP67, IK10, 4,000V lightning protection, surge protection and voltage transient protection
Pan Range	0° to 350°	0° to 350°	0° to 350°	0° to 350°
Tilt Range	0° to 90°	0° to 90°	0° to 90°	0° to 90°
Pan Speed	0.1°/s to 60°/s	0.1°/s to 60°/s	0.1°/s to 60°/s	0.1°/s to 60°/s
Tilt Speed	0.1°/s to 50°/s	0.1°/s to 50°/s	0.1°/s to 50°/s	0.1°/s to 50°/s
Operating Temperature	-30°C to 60°C (-22°F to 140°F)	-30°C to 60°C (-22°F to 140°F)	-30°C to 65°C (-22°F to 149°F)	-30°C to 65°C (-22°F to 149°F)
Humidity	≤ 90%	≤ 90%	≤ 90%	≤ 90%
Local Storage	Built-in memory card slot, support microSD/SDHC/SDXC, up to 256 GB	Built-in memory card slot, support microSD/SDHC/SDXC, up to 256 GB	Support up to 128GB Micro SD/SDHC/SDXC card	Support up to 128GB Micro SD/SDHC/SDXC card
Audio I/O	1/1	1/1	1/1	1/1
Alarm I/O	1/1	1/1	1/1	1/1
Power	12 VDC & PoE (802.3at) Max.: 15 W [Max. 2.4 W for IR]	12 VDC & PoE (802.3at) Max.: 19 W [Max. 2.4 W for IR]	12 VDC & PoE (802.3af) Max.: 8 W	12 VDC & PoE (802.3af) Max.: 8 W

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Network PTZ Dome Cameras

Value Series

Easier Way to Better Security

This series features compact designs and high quality imaging to realize cost-efficiency and good user experience.

- Up to 2560 × 1440 resolution
- Supports IR function, 4x optical zoom
- H.265+ / H.265 codec
- Wi-Fi (Optional)
- 12 VDC & PoE
- Supports ONVIF, ISAPI, and CGI
- Supports Hikvision SDK and Third-Party Management Platform



Model	DS-2DE2A204IW-DE3	DS-2DE2A404IW-DE3	DS-2DE2A404IW-DE3/W	DS-2DE2204IW-DE3/W
Image				
Image Sensor	1/3" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS
Resolution	1920 × 1080	2560 × 1440	2560 × 1440	1920×1080
Video Compression	Main Stream: H.265+/H.265/H.264+/H.264	Main Stream: H.265+/H.265/H.264+/H.264	Main Stream: H.265+/H.265/H.264+/H.264	Main Stream: H.265+/H.265/H.264+/H.264
Lens	2.8 to 12 mm, 4x optical zoom	2.8 to 12 mm, 4x optical zoom	2.8 to 12 mm, 4x optical zoom	2.8 to 12 mm, 4x optical
Angle of View	Horizontal field of view: 100.5° to 32.6° (Wide-Tele) Vertical field of view: 52.8° to 18.3° (Wide-Tele) Diagonal field of view: 120.2° to 37.5° (Wide-Tele)	Horizontal field of view: 96.7° to 31.6° (Wide-Tele) Vertical field of view: 51.1° to 17.7° (Wide-Tele) Diagonal field of view: 115.1° to 36.3° (Wide-Tele)	Horizontal field of view: 96.7° to 31.6° (Wide-Tele) Vertical field of view: 51.1° to 17.7° (Wide-Tele) Diagonal field of view: 115.1° to 36.3° (Wide-Tele)	Horizontal field of view: 100° to 25° (wide-tele) Vertical field of view: 56.3° to 14.1° (wide-tele) Diagonal field of view: 114.7° to 28.7° (wide-tele)
Min. Illumination	Color: 0.005 Lux @ [F1.6, AGC ON]	Color: 0.005 Lux @ [F1.6, AGC ON]	Color: 0.005 Lux @ [F1.6, AGC ON]	Color: 0.05 Lux @ [F2.0, AGC ON]
WDR	120dB	120dB	120dB	DWDR
Max. IR Range (meters)	20 m	20 m	20 m	20 m
VCA	Face detection, intrusion detection, line crossing detection, region entrance detection, region exiting detection, object removal detection, unattended baggage detection, audio exception detection	Face detection, intrusion detection, line crossing detection, region entrance detection, region exiting detection, object removal detection, unattended baggage detection, audio exception detection	Face detection, intrusion detection, line crossing detection, region entrance detection, region exiting detection, object removal detection, unattended baggage detection, audio exception detection	Intrusion Detection, Line Crossing Detection, Audio Exception Detection
Frame Rate	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 24fps (2560 × 1440), 30fps(2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 24fps (2560 × 1440), 30fps(2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)
Streams	3	3	3	3
Protection Level	IP66 standard, IK 10, surge protection, ±2kV Line to Gnd, ±1kV Line to Line, IEC61000-4-5	IP66 standard, IK 10, surge protection, ±2kV Line to Gnd, ±1kV Line to Line, IEC61000-4-5	IP66 standard, IK 10, surge protection, ±2kV Line to Gnd, ±1kV Line to Line, IEC61000-4-5	4000V Lightning Protection, Surge Protection and Voltage Transient Protection
Pan Range	0° to 355°	0° to 355°	0° to 355°	0° to 350°
Tilt Range	0° to 90°	0° to 90°	0° to 90°	From 0° to 90° (Auto-flip)
Pan Speed	Configurable, from 0.1°/s to 100°/s, Preset speed: 100°/s	Configurable, from 0.1°/s to 100°/s, Preset speed: 100°/s	Configurable, from 0.1°/s to 100°/s, Preset speed: 100°/s	Configurable, from 0.1°/s to 60°/s Preset Speed: 60°/s
Tilt Speed	Configurable, from 0.1°/s to 100°/s Preset Speed: 100°/s	Configurable, from 0.1°/s to 100°/s Preset Speed: 100°/s	Configurable, from 0.1°/s to 100°/s Preset Speed: 100°/s	Configurable, from 0.1°/s to 50°/s Preset Speed: 50°/s
Operating Temperature	-20°C to 60°C (-4°F to 140°F)	-20°C to 60°C (-4°F to 140°F)	-20°C to 60°C (-4°F to 140°F)	-10°C to 50°C (-14°F to 122°F)
Humidity	90% or less	90% or less	90% or less	90% or less
Local Storage	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NFS, SMB/ CIFS), ANR	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NFS, SMB/ CIFS), ANR	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NFS, SMB/ CIFS), ANR	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NFS, SMB/ CIFS), ANR
Audio I/O	1/1	1/1	1/1	1/1
Alarm I/O	-	-	-	1/1
Power	12 VDC & PoE (802.3af) Max.: 11.2 W (Max. 4.2 W for IR)	12 VDC & PoE (802.3af) Max.: 11.2 W (Max. 4.2 W for IR)	12 VDC & PoE (802.3af) Max.: 12.2 W (Max. 4.2 W for IR)	12 VDC and PoE (802.3af) Max.: 9 W (Max. 3 W for IR)

Turbo HD PTZ Camera | Encoder Network Camera | PTZ Dome Camera | Panoramic Camera | NVR Kit | Thermal Monitor | Switch Cable Controller & Transmission | Accessories | DORI Distance

Panoramic Cameras

127 PanoVu Series

128 Fisheye Series



PanoVu Mini

Network Panoramic Cameras

PanoVu Series

From Expansive Scenes to Detailed Close-Ups

- 360° / 180° Monitoring
- H.265+ codec
- Multiple display modes
- Lower labor costs
- Save costs on IP address



Model	DS-2PT3326IZ-DE3	DS-2PT3122IZ-DE3	DS-2PT3306IZ-DE3	DS-2PT5326IZ-DE
Image	 PanoVu	 PanoVu	 PanoVu	 PanoVu
Image Sensor	Fixed: 3×1/2.8" Progressive Scan CMOS PTZ: 1/2.8" Progressive Scan CMOS	Fixed: 1×1/2.8" Progressive Scan CMOS PTZ: 1/2.8" Progressive Scan CMOS	3×1/2.8" Progressive Scan CMOS	Fixed: 3×1/2.8" progressive scan CMOS PTZ: 1/2.8" progressive scan CMOS
Resolution	1920×1080	1920×1080	1920×1080	1920 × 1080
Video Compression	H.265/H.264/MJPEG	H.265/H.264/MJPEG	H.265/H.264/MJPEG	H.265 / H.264 / MJPEG
Min. Illumination	Color: 0.05 Lux @ [F2.0, AGC ON]	Color: 0.05 Lux @ [F2.0, AGC ON]	Color: 0.05 Lux @ [F2.0, AGC ON]	Color: 0.005 lux @ [F1.6, AGC ON]
WDR	Digital WDR	Digital WDR	Digital WDR	Digital WDR
Lens	Fixed: 2 mm PTZ: 2.8 - 12 mm	Fixed: 2 mm PTZ: 2.8 - 12 mm	2 mm	Fixed: 4 mm PTZ: 4.7-47 mm
FOV	Fixed: Horizontal field of view: 128.5° Vertical field of view: 75.7° Diagonal field of view: 144°	Panoramic cam: Horizontal field of view: 128.5° Vertical field of view: 75.7° Diagonal field of view: 144°	PTZ cam: Horizontal field of view: 120° to 56.6° [wide-tele] Vertical field of view: 61.8° to 31.7° [wide-tele] Diagonal field of view: 149° to 65° [wide-tele]	Horizontal field of view: 128.5° × 3 Vertical field of view: 75.7°
Optical Zoom	PTZ: 4X	PTZ: 4x	-	PTZ: 10x
Max. IR Range	10 m	10 m	10 m	Panoramic cam: 30 m PTZ cam: 50 m
VCA	Audio Exception Detection, Intrusion Detection, Line Crossing Detection,motion detection	Audio Exception Detection, Intrusion Detection, Line Crossing Detection,motion detection	Audio Exception Detection, Intrusion Detection, Line Crossing Detection,motion detection	Audio Exception Detection, Intrusion Detection, Line Crossing Detection,motion detection
Frame Rate	50Hz: 25fps (1920×1080, 1280×720, 704×576, 640×480, 352×288) 60Hz: 30fps (1920×1080, 1280×720, 704×480, 640×480, 352×240)	50Hz: 25fps (1920×1080, 1280×720, 704×576, 640×480, 352×288) 60Hz: 30fps (1920×1080, 1280×720, 704×480, 640×480, 352×240)	50 Hz: 20 fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 576, 640 × 480, 352 × 288) 60 Hz: 20 fps (1920 × 1080, 1280 × 960, 1280 × 720)	50 Hz: 25 fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 576, 640 × 480, 352 × 288) 60 Hz: 30 fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480, 352 × 240)
Streams	2	2	2	2
Protection Level	-	-	-	IP66
Operating Temperature	-10°C to 50°C (14°F to 122°F)	-10°C to 50°C (14°F to 122°F)	-10°C to 50°C (14°F to 122°F)	-30°C to 65°C (-22°F to 149°F), with heater on
Humidity	Humidity 90% or less (non-condensing)	Humidity 90% or less (non-condensing)	Humidity 90% or less (non-condensing)	Humidity 90% or less (non-condensing)
Local Storage	Built-in memory card slot, support Micro SD /SDHC /SDXC, up to 256 GB	Built-in memory card slot, support Micro SD /SDHC /SDXC, up to 256 GB	Built-in memory card slot, support Micro SD /SDHC /SDXC, up to 256 GB	Built-in memory card slot, support Micro SD / SDHC / SDXC, up to 256 GB
Indoor/Outdoor	Indoor	Indoor	Indoor	Outdoor
Audio I/O	1-ch audio input and 1-ch audio output.	1-ch audio input and 1-ch audio output.	1-ch audio input and 1-ch audio output.	1-ch audio input and 1-ch audio output.
Alarm I/O	-	-	-	1-ch alarm input and 1-ch alarm output
Power	12 VDC & PoE (802.3at) Max.: 24 W [Max. 6 W for IR]	12 VDC & PoE (802.3at) Max.: 19 W [Max. 2 W for IR]	12 VDC & PoE+ (802.3 at, class 4) Max.20 W [Max. 6 W for IR]	12 VDC & Hi-PoE Max.: 27 W [Max. 9 W for IR]

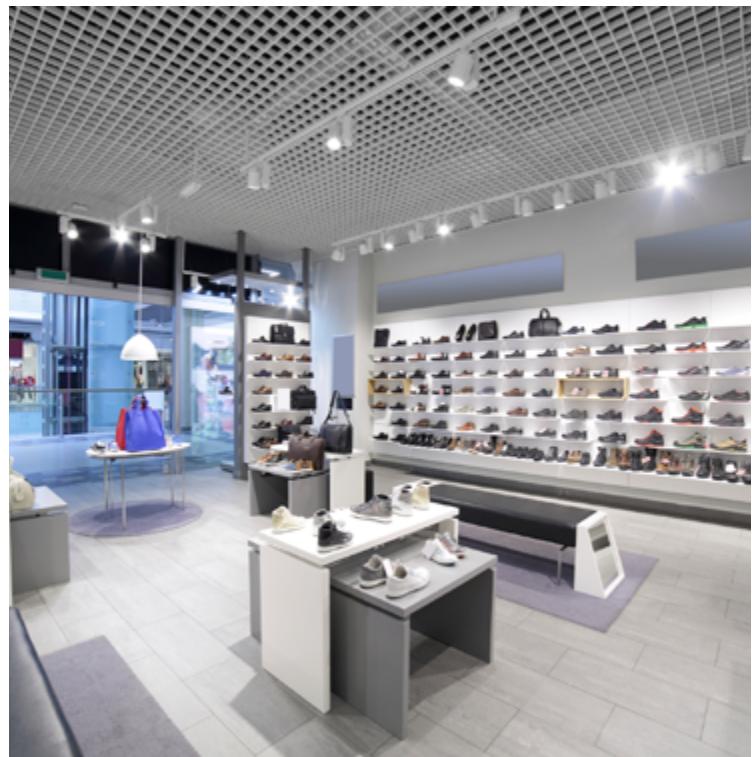
Network Panoramic Cameras

Fisheye Series

Single Sensor Panorama Camera

Hikvision's Fisheye Camera offers a complete, high-resolution, 360-degree, 0-blind spots, panoramic view. It secures your office, warehouse, shop, hotel lobby, and more with HD monitoring without any blind areas. The resulting image is automatically dewarped for intuitive and easy use.

- 360° / 180° overview
- H.265+ codec
- Multiple dewarping modes



Model	DS-2CD2935FWD-I(S)	DS-2CD2955FWD-I(S)
Image		
Image Sensor	1/2.8" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS
Resolution	2048 × 1536	2560 × 1920
Video Compression	H.265/H.264/MJPEG/H.264+/H.265+	H.265/H.264/MJPEG/H.264+/H.265+
Min. Illumination	Color: 0.017Lux @ [F2.2, AGC ON], 0 Lux with IR on	Color: 0.034Lux @ [F2.2, AGC ON], 0 Lux with IR on
WDR	120dB	120dB
Lens	1.16 mm	1.05 mm
FOV	horizontal field of view: 180°, vertical field of view: 180°	horizontal field of view: 180°, vertical field of view: 180°
Max. IR Range	8 m	8 m
VCA	Line crossing detection, intrusion detection	Line crossing detection, intrusion detection
Frame Rate	50Hz:25fps [2048 × 1536, 1600 × 1200, 1280 × 960] 60Hz:30fps [2048 × 1536, 1600 × 1200, 1280 × 960]	50Hz: 25fps [2560 × 1920, 2048 × 1536, 1280 × 960] 60Hz: 30fps [2560 × 1920, 2048 × 1536, 1280 × 960]
Streams	2	2
Protection Level	-	-
Operating Temperature	-10 °C to +50 °C (-14 °F to +122 °F)	-10 °C to +50 °C (-14 °F to +122 °F)
Humidity	95% or less	95% or less
Local Storage	128 GB	128 GB
Indoor/Outdoor	Indoor	Indoor
Audio I/O	-S: 1 in, 1 out	-S: 1 in, 1 out
Alarm I/O	-S: 1 in, 1 out	-S: 1 in, 1 out
Power	12 VDC, 0.4 A, max.5 W PoE (802.3af, 36 V to 57 V), 0.2 A to 0.1 A, max.6.5 W	12 VDC, 0.5 A, max. 6 W PoE (802.3af, 36 V to 57 V), 0.2 A to 0.1 A, max. 7.5 W

NVR

130 Pro Series NVRs

138 Value Series NVRs



Network Video Recorders

Pro Series NVRs

Hikvision Pro Series NVRs feature optimized H.265+ and H.264+ compression codecs, enabling highly effective bandwidth and storage management. With plug-and-play functionality, accessing IP cameras and other smart functions has never been easier. The Pro Series is the ideal solution for small to medium size businesses.

- Four channels for human and vehicle classification on VCA results
- All channels for human and vehicle classification on motion detection results
- One face recognition channel for AcuSense NVRs
- Quick target search for AcuSense NVR and I / K / Q Series NVRs
- Up to 16 channels @ 1080p decoding for I-Series, 8 channels @ 1080p decoding for K-Series, and 4 channels @ 1080p decoding for Q-Series
- GUI 4.0 and E-UI , intuitive interface and easy to use
- Supports automatic addition of inactive cameras
- Up to 300 m PoE distance for I-Series and K-Series NVRs
- IUSP protocol accessible



EasyIP 4.0 Series

Model	DS-7732NXI-I4/16P/4S	DS-7732NXI-I4/4S	DS-7716NXI-I4/16P/4S	DS-7716NXI-I4/4S	DS-7616NXI-I2/16P/4S	DS-7616NXI-I2/4S	DS-7608NXI-I2/8P/4S	DS-7608NXI-I2/4S
Image								
Channel No.	32-ch	32-ch	16-ch	16-ch	16-ch	16-ch	8-ch	8-ch
Decoding Format	H.265/H.265+/H.264/H.264+/MPEG4	H.265/H.265+/H.264/H.264+/MPEG4	H.265/H.265+/H.264/H.264+/MPEG4	H.265/H.265+/H.264/H.264+/MPEG4	H.265/H.265+/H.264/H.264+/MPEG4	H.265/H.265+/H.264/H.264+/MPEG4	H.265/H.265+/H.264/H.264+/MPEG4	H.265/H.265+/H.264/H.264+/MPEG4
Incoming/Outgoing Bandwidth	256 Mbps/200 Mbps	256 Mbps/200 Mbps	256 Mbps/200 Mbps	256 Mbps/200 Mbps	160 Mbps/256 Mbps	160 Mbps/256 Mbps	80 Mbps/256 Mbps	80 Mbps/256 Mbps
Decoding Capacity	12-ch @ 1080p	12-ch @ 1080p	12-ch @ 1080p	12-ch @ 1080p	12-ch @ 1080p	12-ch @ 1080p	12-ch @ 1080p	12-ch @ 1080p
Recording Resolution	12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF	12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF	12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF	12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF	12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF	12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF	12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF	12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF
Display	2HDMI/1VGA/1CVBS	2HDMI/1VGA/1CVBS	2HDMI/1VGA/1CVBS	2HDMI/1VGA/1CVBS	1 HDMI/1 VGA/1CVBS	1 HDMI/1 VGA/1CVBS	1 HDMI/1 VGA/1CVBS	1 HDMI/1 VGA/1CVBS
LCD	-	-	-	-	-	-	-	-
Storage Capacity	4 SATA interfaces Up to 8 TB capacity for each HDD	4 SATA interfaces Up to 8 TB capacity for each HDD	4 SATA interfaces Up to 8 TB capacity for each HDD	4 SATA interfaces Up to 8 TB capacity for each HDD	2 SATA interfaces Up to 8 TB capacity for each HDD	2 SATA interfaces Up to 8 TB capacity for each HDD	2 SATA interfaces Up to 8 TB capacity for each HDD	2 SATA interfaces Up to 8 TB capacity for each HDD
eSATA/Mini SAS	1 eSATA interface[Optional]	1 eSATA interface[Optional]	1 eSATA interface[Optional]	1 eSATA interface[Optional]	-	-	-	-
RAID Type	-	-	-	-	-	-	-	-
Video Output	HDMI/VGA(main port): 4K (3840×2160)/60Hz, 4K(3840×2160)/30Hz, 2K (2560×1440)/60Hz, 1920×1080/60Hz, 1600 × 1200/60Hz, 1280×1024/60Hz, 1280 × 720/60Hz, 1024×768/60Hz 4K resolution is only available for HDMI. HDMI/VGA(aux port): 1920×1080/60Hz, 1280×1024/60Hz, 1280×720/60Hz, 1024×768/60Hz	HDMI/VGA(main port): 4K (3840×2160)/60Hz, 4K(3840×2160)/30Hz, 2K (2560×1440)/60Hz, 1920×1080/60Hz, 1600 × 1200/60Hz, 1280×1024/60Hz, 1280 × 720/60Hz, 1024×768/60Hz 4K resolution is only available for HDMI. HDMI/VGA(aux port): 1920×1080/60Hz, 1280×1024/60Hz, 1280×720/60Hz, 1024×768/60Hz	HDMI/VGA(main port): 4K (3840×2160)/60Hz, 4K(3840×2160)/30Hz, 2K (2560×1440)/60Hz, 1920×1080/60Hz, 1600 × 1200/60Hz, 1280×1024/60Hz, 1280 × 720/60Hz, 1024×768/60Hz 4K resolution is only available for HDMI. HDMI/VGA(aux port): 1920×1080/60Hz, 1280×1024/60Hz, 1280×720/60Hz, 1024×768/60Hz	VGA: 1920×1080/60Hz, 1280×1024/60Hz, 1280×720/60Hz, 1024×768/60Hz HDMI: 4K (3840×2160)/60Hz, 4K (3840×2160)/30Hz, 2K (2560×1440)/60Hz, 1920×1080/60Hz, 1600 × 1200/60Hz, 1280×1024/60Hz, 1280 × 720/60Hz, 1024×768/60Hz	VGA: 1920×1080/60Hz, 1280×1024/60Hz, 1280×720/60Hz, 1024×768/60Hz HDMI: 4K (3840×2160)/60Hz, 4K (3840×2160)/30Hz, 2K (2560×1440)/60Hz, 1920×1080/60Hz, 1600 × 1200/60Hz, 1280×1024/60Hz, 1280 × 720/60Hz, 1024×768/60Hz	VGA: 1920×1080/60Hz, 1280×1024/60Hz, 1280×720/60Hz, 1024×768/60Hz HDMI: 4K (3840×2160)/60Hz, 4K (3840×2160)/30Hz, 2K (2560×1440)/60Hz, 1920×1080/60Hz, 1600 × 1200/60Hz, 1280×1024/60Hz, 1280 × 720/60Hz, 1024×768/60Hz	VGA: 1920×1080/60Hz, 1280×1024/60Hz, 1280×720/60Hz, 1024×768/60Hz HDMI: 4K (3840×2160)/60Hz, 4K (3840×2160)/30Hz, 2K (2560×1440)/60Hz, 1920×1080/60Hz, 1600 × 1200/60Hz, 1280×1024/60Hz, 1280 × 720/60Hz, 1024×768/60Hz	
Audio Output	1-ch, RCA (Linear, 1 kΩ)	1-ch, RCA (Linear, 1 kΩ)	1-ch, RCA (Linear, 1 kΩ)	1-ch, RCA (Linear, 1 kΩ)	1-ch, RCA (Linear, 1 kΩ)	1-ch, RCA (Linear, 1 kΩ)	1-ch, RCA (Linear, 1 kΩ)	1-ch, RCA (Linear, 1 kΩ)
Alarm I/O	16/4	16/4	16/4	16/4	4/1	4/1	4/1	4/1
Network Interface	1 RJ-45 10/100/1000 Mbps self-adaptive Ethernet interfaces	2 RJ-45 10/100/1000 Mbps self-adaptive Ethernet interfaces	1 RJ-45 10/100/1000 Mbps self-adaptive Ethernet interfaces	2 RJ-45 10/100/1000 Mbps self-adaptive Ethernet interfaces	1 RJ-45 10/100/1000 Mbps self-adaptive Ethernet interfaces			
PoE Port	with /16P model	-	with /16P model	-	with /16P model	-	with /8P model	-
USB Port	2 × USB 2.0 and 1 × USB 3.0	2 × USB 2.0 and 1 × USB 3.0	2 × USB 2.0 and 1 × USB 3.0	2 × USB 2.0 and 1 × USB 3.0	1 × USB 2.0 and 1 × USB 3.0	1 × USB 2.0 and 1 × USB 3.0	1 × USB 2.0 and 1 × USB 3.0	1 × USB 2.0 and 1 × USB 3.0
Smart Function	Human/vehicle classification on 4-channel VCA results by 2 MP, 3 MP and 4 MP network cameras	Human/vehicle classification on 4-channel VCA results by 2 MP, 3 MP and 4 MP network cameras	Human/vehicle classification on 4-channel VCA results by 2 MP, 3 MP and 4 MP network cameras	Human/vehicle classification on 4-channel VCA results by 2 MP, 3 MP and 4 MP network cameras	Human/vehicle classification on 4-channel VCA results by 2 MP, 3 MP and 4 MP network cameras	Human/vehicle classification on 4-channel VCA results by 2 MP, 3 MP and 4 MP network cameras	Human/vehicle classification on 4-channel VCA results by 2 MP, 3 MP and 4 MP network cameras	Human/vehicle classification on 4-channel VCA results by 2 MP, 3 MP and 4 MP network cameras
Power Consumption (without HDD)	≤ 30 W	≤ 30 W	≤ 30 W	≤ 30 W	≤ 15 W	≤ 15 W	≤ 15 W	≤ 15 W

Turbo HD PTZ Camera Encoder Network Camera PTZ Dome Camera Panoramic Camera KIT Thermal Monitor Switch Cable Controller & Transmission DORI Distance

Model	DS-7732NXI-I4/16P/S	DS-7732NXI-I4/S	DS-7716NXI-I4/16P/S	DS-7716NXI-I4/S	DS-7616NXI-I2/16P/S	DS-7616NXI-I2/S	DS-7608NXI-I2/8P/S	DS-7608NXI-I2/S
Image	 NEW	 NEW	 NEW	 NEW	 NEW	 NEW	 NEW	 NEW
Channel No.	32-ch	32-ch	16-ch	16-ch	16-ch	16-ch	8-ch	8-ch
Decoding Format	H.265/H.265+/H.264/ H.264+/MPEG4	H.265/H.265+/H.264/ H.264+/MPEG4	H.265/H.265+/H.264/ H.264+/MPEG4	H.265/H.265+/H.264/ H.264+/MPEG4	H.265/H.265+/H.264/ H.264+/MPEG4	H.265/H.265+/H.264/ H.264+/MPEG4	H.265/H.265+/H.264/ H.264+/MPEG4	H.265/H.265+/H.264/ H.264+/MPEG4
Incoming/Outgoing Bandwidth	256/256Mbps	256/256Mbps	256/256Mbps	256/256Mbps	160/256Mbps	160/256Mbps	80/256Mbps	80/256Mbps
Decoding Capacity	16-ch @1080p	16-ch @1080p	16-ch @1080p	16-ch @1080p	16-ch @1080p	16-ch @1080p	16-ch @1080p	16-ch @1080p
Recording Resolution	12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/ UXGA/720p/VGA/4CIF/ DCIF/2CIF/CIF/QCIF	12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/ UXGA/720p/VGA/4CIF/ DCIF/2CIF/CIF/QCIF	12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/ UXGA/720p/VGA/4CIF/ DCIF/2CIF/CIF/QCIF	12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/ UXGA/720p/VGA/4CIF/ DCIF/2CIF/CIF/QCIF	12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/ UXGA/720p/VGA/4CIF/ DCIF/2CIF/CIF/QCIF	12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/ UXGA/720p/VGA/4CIF/ DCIF/2CIF/CIF/QCIF	12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/ UXGA/720p/VGA/4CIF/ DCIF/2CIF/CIF/QCIF	12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/ UXGA/720p/VGA/4CIF/ DCIF/2CIF/CIF/QCIF
Display LCD	2 HDMI/1 VGA/1CVBS -	2 HDMI/1 VGA/1CVBS	2 HDMI/1 VGA/1CVBS	2 HDMI/1 VGA/1CVBS	1 HDMI/1 VGA/1CVBS	1 HDMI/1 VGA/1CVBS	1 HDMI/1 VGA/1CVBS	1 HDMI/1 VGA/1CVBS
Storage Capacity	4 SATA interfaces Up to 8 TB capacity for each HDD	4 SATA interfaces Up to 8 TB capacity for each HDD	4 SATA interfaces Up to 8 TB capacity for each HDD	4 SATA interfaces Up to 8 TB capacity for each HDD	2 SATA interfaces Up to 8 TB capacity for each HDD	2 SATA interfaces Up to 8 TB capacity for each HDD	2 SATA interfaces Up to 8 TB capacity for each HDD	2 SATA interfaces Up to 8 TB capacity for each HDD
eSATA/Mini SAS	1 eSATA interface[Optional]	1 eSATA interface[Optional]	1 eSATA interface[Optional]	1 eSATA interface[Optional]	-	-	-	-
RAID Type	-	-	-	-	N/A	N/A	N/A	N/A
Video Output	HDMI/VGA(main port): 4K [3840×2160]/60Hz, 4K [3840×2160]/30Hz, 2K [2560×1440]/60Hz, 1920×1080/60Hz, 1600 × 1200/60Hz, 1280×1024/60Hz, 1280 × 720/60Hz, 1024×768/60Hz 4K resolution is only available for HDMI. HDMI/VGA(aux port): 1920×1080/60Hz, 1280×1024/60Hz, 1280×720/60Hz, 1024×768/60Hz	HDMI/VGA(main port): 4K [3840×2160]/60Hz, 4K [3840×2160]/30Hz, 2K [2560×1440]/60Hz, 1920×1080/60Hz, 1600 × 1200/60Hz, 1280×1024/60Hz, 1280 × 720/60Hz, 1024×768/60Hz 4K resolution is only available for HDMI. HDMI/VGA(aux port): 1920×1080/60Hz, 1280×1024/60Hz, 1280×720/60Hz, 1024×768/60Hz	HDMI/VGA(main port): 4K [3840×2160]/60Hz, 4K [3840×2160]/30Hz, 2K [2560×1440]/60Hz, 1920×1080/60Hz, 1600 × 1200/60Hz, 1280×1024/60Hz, 1280 × 720/60Hz, 1024×768/60Hz 4K resolution is only available for HDMI. HDMI/VGA(aux port): 1920×1080/60Hz, 1280×1024/60Hz, 1280×720/60Hz, 1024×768/60Hz	VGA: 1920×1080/60Hz, 1280×1024/60Hz, 1280×720/60Hz, 1024×768/60Hz HDMI: 4K				
Audio Output	1-ch, RCA [Linear, 1 KΩ]	1-ch, RCA [Linear, 1 KΩ]	1-ch, RCA [Linear, 1 KΩ]	1-ch, RCA [Linear, 1 KΩ]	1-ch, RCA [Linear, 1 KΩ]	1-ch, RCA [Linear, 1 KΩ]	1-ch, RCA [Linear, 1 KΩ]	1-ch, RCA [Linear, 1 KΩ]
Alarm I/O	16/4	16/4	16/4	16/4	4/1	4/1	4/1	4/1
Network Interface	1 RJ-45 10/100/1000 Mbps self-adaptive Ethernet interfaces	2 RJ-45 10/100/1000 Mbps self-adaptive Ethernet interfaces	1 RJ-45 10/100/1000 Mbps self-adaptive Ethernet interfaces	2 RJ-45 10/100/1000 Mbps self-adaptive Ethernet interfaces	1 RJ-45 10/100/1000 Mbps self-adaptive Ethernet interfaces			
PoE Port	with /16P model	-	with /16P model	-	with /8P model	-	with /16P model	-
USB Port	2× USB 2.0 and 1 × USB 3.0	2× USB 2.0 and 1 × USB 3.0	2× USB 2.0 and 1 × USB 3.0	2× USB 2.0 and 1 × USB 3.0	1× USB 2.0 and 1 × USB 3.0	1× USB 2.0 and 1 × USB 3.0	1× USB 2.0 and 1 × USB 3.0	1× USB 2.0 and 1 × USB 3.0
Smart Function	Human/vehicle classification on all-channel motion detection results and on 4-channel VCA results by 2 MP network cameras; 1-channel face capture capacity; 1-channel face comparison capacity	Human/vehicle classification on all-channel motion detection results and on 4-channel VCA results by 2 MP network cameras; 1-channel face capture capacity; 1-channel face comparison capacity	Human/vehicle classification on all-channel motion detection results and on 4-channel VCA results by 2 MP network cameras; 1-channel face capture capacity; 1-channel face comparison capacity	Human/vehicle classification on all-channel motion detection results and on 4-channel VCA results by 2 MP network cameras; 1-channel face capture capacity; 1-channel face comparison capacity	Human/vehicle classification on all-channel motion detection results and on 4-channel VCA results by 2 MP network cameras; 1-channel face capture capacity; 1-channel face comparison capacity	Human/vehicle classification on all-channel motion detection results and on 4-channel VCA results by 2 MP network cameras; 1-channel face capture capacity; 1-channel face comparison capacity	Human/vehicle classification on all-channel motion detection results and on 4-channel VCA results by 2 MP network cameras; 1-channel face capture capacity; 1-channel face comparison capacity	Human/vehicle classification on all-channel motion detection results and on 4-channel VCA results by 2 MP network cameras; 1-channel face capture capacity; 1-channel face comparison capacity
Power Consumption (without HDD)	≤ 15 W	≤ 15 W	≤ 15 W	≤ 15 W	≤ 15 W	≤ 15 W	≤ 15 W	≤ 15 W

EasylP 3.0 Series

Model	DS-7732NI-I4/24P	DS-7732NI-I4/16P(B)	DS-7732NI-I4(B)	DS-7716NI-I4/16P(B)	DS-7716NI-I4(B)
Image					
Channel No.	32-ch	32-ch	32-ch	16-ch	16-ch
Decoding Format	H.265+/H.265/H.264+/H.264/MPEG4	H.265/H.265+/H.264/H.264+/MPEG4	H.265/H.265+/H.264/H.264+/MPEG4	H.265/H.265+/H.264/H.264+/MPEG4	H.265/H.265+/H.264/H.264+/MPEG4
Incoming/Outgoing Bandwidth	320Mbps/ 256Mbps	256Mbps/ 256Mbps	256Mbps/ 256Mbps	160Mbps/ 256Mbps	160Mbps/ 256Mbps
Decoding Capacity	2-ch @ 12 MP [20fps] / 4-ch @ 8 MP [30fps] / 8-ch @ 4MP [30fps] / 16-ch @ 1080p [30fps]	2-ch @ 12 MP [20fps] / 4-ch @ 8 MP [25fps] / 8-ch @ 4MP [30fps] / 16-ch @ 1080p [30fps]	2-ch @ 12 MP [20fps] / 4-ch @ 8 MP [25fps] / 8-ch @ 4MP [30fps] / 16-ch @ 1080p [30fps]	2-ch @ 12 MP [20fps] / 4-ch @ 8 MP [25fps] / 8-ch @ 4MP [30fps] / 16-ch @ 1080p [30fps]	2-ch @ 12 MP [20fps] / 4-ch @ 8 MP [25fps] / 8-ch @ 4MP [30fps] / 16-ch @ 1080p [30fps]
Recording Resolution	12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA /4CIF /DCIF/2CIF/CIF/QCIF	12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA /4CIF /DCIF/2CIF/CIF/QCIF	12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA /4CIF /DCIF/2CIF/CIF/QCIF	12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA /4CIF /DCIF/2CIF/CIF/QCIF	12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA /4CIF /DCIF/2CIF/CIF/QCIF
Display	2HDMI/1 VGA/1CVBS	2HDMI/1 VGA/1CVBS	2HDMI/1 VGA/1CVBS	2HDMI/1 VGA/1CVBS	2HDMI/1 VGA/1CVBS
LCD	-	-	-	-	-
Storage Capacity	4 SATA interfaces Up to 8TB capacity for each HDD	4 SATA interfaces Up to 8TB capacity for each HDD	4 SATA interfaces Up to 8TB capacity for each HDD	4 SATA interfaces Up to 8TB capacity for each HDD	4 SATA interfaces Up to 8TB capacity for each HDD
eSATA/Mini SAS	1 eSATA interface	1 eSATA interface	1 eSATA interface	1 eSATA interface	1 eSATA interface
RAID Type	-	-	-	-	-
Video Output	HDMI1: 4K [3840 × 2160]/60Hz, 4K [3840 × 2160]/30Hz, 2K [2560 × 1440]/60Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024×768/60Hz VGA1: 2K [2560 × 1440]/60Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024×768/60Hz HDMI2: 1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	HDMI1: 4K [3840 × 2160]/60Hz, 4K [3840 × 2160]/30Hz, 2K [2560 × 1440]/60Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024×768/60Hz VGA: 2K [2560 × 1440]/60Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024×768/60Hz HDMI2: 1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	HDMI1: 4K [3840 × 2160]/60Hz, 4K [3840 × 2160]/30Hz, 2K [2560 × 1440]/60Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024×768/60Hz VGA: 2K [2560 × 1440]/60Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024×768/60Hz HDMI2: 1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	HDMI1: 4K [3840 × 2160]/60Hz, 4K [3840 × 2160]/30Hz, 2K [2560 × 1440]/60Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024×768/60Hz VGA: 2K [2560 × 1440]/60Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024×768/60Hz HDMI2: 1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	HDMI1: 4K [3840 × 2160]/60Hz, 4K [3840 × 2160]/30Hz, 2K [2560 × 1440]/60Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024×768/60Hz VGA: 2K [2560 × 1440]/60Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024×768/60Hz HDMI2: 1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
Audio Output	1-ch, RCA (Linear, 1 KΩ)	1-ch, RCA (Linear, 1 KΩ)	1-ch, RCA (Linear, 1 KΩ)	1-ch, RCA (Linear, 1 KΩ)	1-ch, RCA (Linear, 1 KΩ)
Alarm I/O	16/4(optional:16/8)	16/4(optional:16/8)	16/4(optional:16/8)	16/4(optional:16/8)	16/4(optional:16/8)
Network Interface	1 RJ-45 10/100/1000 Mbps self adaptive Ethernet interface	1 RJ-45 10/100/1000 Mbps self adaptive Ethernet interface	2 RJ-45 10/100/1000 Mbps self adaptive Ethernet interface	1 RJ-45 10/100/1000 Mbps self adaptive Ethernet interface	2 RJ-45 10/100/1000 Mbps self adaptive Ethernet interface
PoE Port	24P	16P	-	16P	-
USB Port	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0
Smart Function	Supports multiple VCA(Video Content Analytics) events for IP cameras	Supports multiple VCA(Video Content Analytics) events for IP cameras	Supports multiple VCA(Video Content Analytics) events for IP cameras	Supports multiple VCA(Video Content Analytics) events for IP cameras	Supports multiple VCA(Video Content Analytics) events for IP cameras
Power Consumption (without HDD)	≤20 W (without enabling PoE)	≤20 W (without enabling PoE)	≤20 W (without enabling PoE)	≤20 W (without enabling PoE)	≤20 W

Turbo HD PTZ Camera Encoder Network Camera PTZ Dome Camera Panoramic Camera NVR KIT Thermal Monitor Switch Cable Controller & Transmission Accessories DORI Distance

Model	DS-7732NI-K4/16P	DS-7732NI-K4	DS-7716NI-K4/16P	DS-7716NI-K4	DS-7716NI-Q4/16P
Image					
Channel No.	32-ch	32-ch	16-ch	16-ch	16-ch
Decoding Format	H.265/H.265+/H.264+/H.264/MPEG4	H.265/H.265+/H.264+/H.264/MPEG4	H.265/H.265+/H.264+/H.264/MPEG4	H.265/H.265+/H.264+/H.264/MPEG4	H.265/H.265+/H.264+/H.264/MPEG4
Incoming/Outgoing Bandwidth	256Mbps/ 160Mbps	256Mbps/ 160Mbps	160Mbps/ 160Mbps	160Mbps/ 160Mbps	160Mbps/ 80Mbps
Decoding Capacity	2-ch @ 8 MP [25fps] / 4-ch @ 4MP [30fps] / 8-ch @ 1080p [30fps]	2-ch @ 8 MP [25fps] / 4-ch @ 4MP [30fps] / 8-ch @ 1080p [30fps]	2-ch @ 8 MP [25fps] / 4-ch @ 4MP [30fps] / 8-ch @ 1080p [30fps]	2-ch @ 8 MP [25fps] / 4-ch @ 4MP [30fps] / 8-ch @ 1080p [30fps]	1-ch @ 8 MP [30 fps] / 4-ch @ 1080p [30 fps]
Recording Resolution	8 MP/6 MP/5 MP/4 MP/3 MP/1080p/ UXGA/720p/VGA/4CIF/DCIF /2CIF/CIF/QCIF	8 MP/6 MP/5 MP/4 MP/3 MP/1080p/ UXGA/720p/VGA/4CIF/DCIF /2CIF/CIF/QCIF	8 MP/6 MP/5 MP/4 MP/3 MP/1080p/ UXGA/720p/VGA/4CIF/DCIF /2CIF/CIF/QCIF	8 MP/6 MP/5 MP/4 MP/3 MP/1080p/ UXGA/720p/VGA/4CIF/DCIF /2CIF/CIF/QCIF	8 MP/6 MP/5 MP/4 MP/3 MP/1080p/ UXGA /720p/VGA/4CIF/DCIF/ 2CIF/ CIF/QCIF
Display	1 HDMI/1 VGA	1 HDMI/1 VGA	1 HDMI/1 VGA	1 HDMI/1 VGA	1 HDMI/1 VGA
LCD	-	-	-	-	-
Storage Capacity	4 SATA interfaces Up to 6TB capacity for each HDD	4 SATA interfaces Up to 6TB capacity for each HDD	4 SATA interfaces Up to 6TB capacity for each HDD	4 SATA interfaces Up to 6TB capacity for each HDD	4 SATA interface Up to 6TB capacity for each HDD
eSATA/Mini SAS	-	-	-	-	-
RAID Type	-	-	-	-	-
Video Output	HDMI:4K [3840 × 2160]/30Hz, 2K [2560 × 1440]/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA:1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	HDMI:4K [3840 × 2160]/30Hz, 2K [2560 × 1440]/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA:1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	HDMI:4K [3840 × 2160]/30Hz, 2K [2560 × 1440]/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA:1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	HDMI:4K [3840 × 2160]/30Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA:1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz;	HDMI:4K [3840 × 2160]/30Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz; VGA:1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz;
Audio Output	1-ch, RCA [Linear, 1 kΩ]	1-ch, RCA [Linear, 1 kΩ]	1-ch, RCA [Linear, 1 kΩ]	1-ch, RCA [Linear, 1 kΩ]	1-ch, RCA [Linear, 1 kΩ]
Alarm I/O	16/4	16/4	16/4	16/4	16/4 (16/8 optional)
Network Interface	1 RJ-45 10/100/1000 Mbps self adaptive Ethernet interfaces	2 RJ-45 10/100/1000 Mbps self adaptive Ethernet interfaces	1 RJ-45 10/100/1000 Mbps self adaptive Ethernet interfaces	2 RJ-45 10/100/1000 Mbps self adaptive Ethernet interfaces	1 RJ-45 10/100/1000 Mbps self adaptive Ethernet interfaces
PoE Port	16P	-	16P	-	16P
USB Port	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 2.0
Smart Function	Supports multiple VCA[Video Content Analytics] events for IP cameras	Supports multiple VCA[Video Content Analytics] events for IP cameras	Supports multiple VCA[Video Content Analytics] events for IP cameras	Supports multiple VCA[Video Content Analytics] events for IP cameras	Supports multiple VCA[Video Content Analytics] events for IP cameras
Power Consumption (without HDD)	≤ 20 W(without enabling PoE)	≤20 W (without enabling PoE)	≤20 W (without enabling PoE)	≤20 W (without enabling PoE)	≤ 15 W(without enabling PoE)

Model	DS-7716NI-Q4	DS-7616NI-I2/16P	DS-7616NI-I2	DS-7608NI-I2/8P	DS-7608NI-I2	DS-7616NI-K2/16P
Image		HOT	HOT			
Channel No.	16-ch	16-ch	16-ch	8-ch	8-ch	16-ch
Decoding Format	H.265/H.265+/H.264+/H.264/MPEG4	H.265/H.265+/H.264/H.264+/MPEG4	H.265/H.265+/H.264/H.264+/MPEG4	H.265/H.265+/H.264/H.264+/MPEG4	H.265/H.265+/H.264/H.264+/MPEG4	H.265/H.265+/H.264/H.264+/MPEG4
Incoming/Outgoing Bandwidth	160Mbps/ 80Mbps	160 Mbps/256 Mbps	160 Mbps/256 Mbps	80 Mps/256 Mbps	80 Mps/256 Mbps	160Mbps/ 160Mbps
Decoding Capacity	1-ch @ 8 MP [30fps] / 4-ch @ 1080p [30fps]	2-ch @ 12 MP [20fps] / 4-ch @ 8 MP [25fps] / 8-ch @ 4MP [30fps] / 16-ch @ 1080p [30fps]	2-ch @ 12 MP [20fps] / 4-ch @ 8 MP [25fps] / 8-ch @ 4MP [30fps] / 16-ch @ 1080p [30fps]	2-ch @ 12 MP [20fps] / 4-ch @ 8 MP [25fps] / 8-ch @ 4MP [30fps] / 16-ch @ 1080p [30fps]	2-ch @ 12 MP [20fps] / 4-ch @ 8 MP [25fps] / 8-ch @ 4MP [30fps] / 16-ch @ 1080p [30fps]	2-ch @ 8 MP [25fps] / 4-ch @ 4MP [30fps] / 8-ch @ 1080p [30fps]
Recording Resolution	8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF	12 MP/8 MP/6 MP/5 MP/4 MP/3MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF	12 MP/8 MP/6 MP/5 MP/4 MP/3MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF	12 MP/8 MP/6 MP/5 MP/4 MP/3MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF	12 MP/8 MP/6 MP/5 MP/4 MP/3MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF	"8MP/6MP/5MP/4MP/3MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF"
Display	1 HDMI/1 VGA	1 HDMI/1 VGA/[CVBS optional]	1 HDMI/1 VGA/[CVBS optional]	1 HDMI/1 VGA/[CVBS optional]	1 HDMI/1 VGA/[CVBS optional]	1 HDMI/1 VGA
LCD	-	-	-	-	-	-
Storage Capacity	4 SATA interface Up to 6TB capacity for each HDD	2 SATA interfaces Up to 8TB capacity for each HDD	2 SATA interfaces Up to 8TB capacity for each HDD	2 SATA interfaces Up to 8TB capacity for each HDD	2 SATA interfaces Up to 8TB capacity for each HDD	2 SATA interfaces Up to 6TB capacity for each HDD
eSATA/Mini SAS	-	-	-	-	-	-
RAID Type	-	-	-	-	-	-
Video Output	HDMI:4K [3840 × 2160]/30Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz; VGA:1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz;	HDMI:4K [3840 × 2160]/60Hz, 4K [3840 × 2160]/30Hz, 2K [2560 × 1440]/60Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	HDMI:4K [3840 × 2160]/60Hz, 4K [3840 × 2160]/30Hz, 2K [2560 × 1440]/60Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	HDMI:4K [3840 × 2160]/60Hz, 4K [3840 × 2160]/30Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	HDMI:4K [3840 × 2160]/60Hz, 4K [3840 × 2160]/30Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	HDMI:4K [3840 × 2160]/30Hz, 2K [2560 × 1440]/60Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
Audio Output	1-ch, RCA [Linear, 1 kΩ]	1-ch, RCA [Linear, 1 kΩ]	1-ch, RCA [Linear, 1 kΩ]	1-ch, RCA [Linear, 1 kΩ]	1-ch, RCA [Linear, 1 kΩ]	1-ch, RCA [Linear, 1 kΩ]
Alarm I/O	16/4 (16/8 optional)	4/1	4/1	4/1	4/1	4/1
Network Interface	1 RJ-45 10/100/1000 Mbps self adaptive Ethernet interfaces	1 RJ-45 10/100/1000 Mbps self adaptive Ethernet interface	1 RJ-45 10/100/1000 Mbps self adaptive Ethernet interface	1 RJ-45 10/100/1000 Mbps self adaptive Ethernet interface	1 RJ-45 10/100/1000 Mbps self adaptive Ethernet interface	1, RJ-45 10/100/1000 Mbps self adaptive Ethernet interface
PoE Port	-	16P	-	8P	-	16P
USB Port	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 2.0	Front panel: 1 × USB 2.0; Rear panel: 1 × USB 3.0	Front panel: 1 × USB 2.0; Rear panel: 1 × USB 3.0	Front panel: 1 × USB 2.0; Rear panel: 1 × USB 3.0	Front panel: 1 × USB 2.0; Rear panel: 1 × USB 3.0	Front panel: 1 × USB 2.0; Rear panel: 1 × USB 3.0
Smart Function	Supports multiple VCA[Video Content Analytics] events for IP cameras	Supports multiple VCA[Video Content Analytics] events for IP cameras	Supports multiple VCA[Video Content Analytics] events for IP cameras	Supports multiple VCA[Video Content Analytics] events for IP cameras	Supports multiple VCA[Video Content Analytics] events for IP cameras	Supports multiple VCA[Video Content Analytics] events for IP cameras
Power Consumption (without HDD)	≤ 15 W	≤15 W [without enabling PoE]	≤15 W [without enabling PoE]	≤15 W [without enabling PoE]	≤15 W [without enabling PoE]	≤15 W [without enabling PoE]

Turbo HD PTZ Camera | Turbo HD Camera | Encoder Camera | PTZ Dome Camera | Panoramic Camera | NVR KIT | Thermal Monitor | Switch Cable | Controller & Transmission | Accessories | DORI Distance

Model	DS-7616NI-K2	DS-7608NI-K2/8P	DS-7608NI-K2	DS-7616NI-Q2/16P	DS-7616NI-Q2	DS-7608NI-Q2/8P
Image		HOT	HOT			
Channel No.	16-ch	8-ch	8-ch	16-ch	16-ch	8-ch
Decoding Format	H.265/H.265+/H.264/H.264+/MPEG4	H.265/H.265+/H.264/H.264+/MPEG4	H.265/H.265+/H.264/H.264+/MPEG4	H.265/H.265+/H.264/H.264+/MPEG4	H.265/H.265+/H.264/H.264+/MPEG4	H.265/H.265+/H.264/H.264+/MPEG4
Incoming/Outgoing Bandwidth	160Mbps/ 160Mbps	80Mbps/ 160Mbps	80Mbps/ 160Mbps	160Mbps/ 80Mbps	160Mbps/ 80Mbps	80Mbps/80Mbps
Decoding Capacity	2-ch @ 8 MP [25fps] / 4-ch @ 4MP [30fps] / 8-ch @ 1080p (30fps)	2-ch @ 8 MP [25fps] / 4-ch @ 4MP [30fps] / 8-ch @ 1080p (30fps)	2-ch @ 8 MP [25fps] / 4-ch @ 4MP [30fps] / 8-ch @ 1080p (30fps)	1-ch @ 8 MP / 4-ch @ 1080p	1-ch @ 8 MP / 4-ch @ 1080p	1-ch @ 8 MP / 4-ch @ 1080p
Recording Resolution	8MP/6MP/5MP/4MP/3MP/1080p/ UXGA/720p/VGA/4CIF/DCIF /2CIF/CIF/QCIF	8MP/6MP/5MP/4MP/3MP/1080p/ UXGA/720p/VGA/4CIF/DCIF /2CIF/CIF/QCIF	8MP/6MP/5MP/4MP/3MP/1080p/ UXGA/720p/VGA/4CIF/DCIF /2CIF/CIF/QCIF	8 MP/6 MP/5 MP/4 MP/3 MP/1080p/ UXGA /720p/VGA/4CIF/DCIF/ 2CIF/ CIF/QCIF	8 MP/6 MP/5 MP/4 MP/3 MP/1080p/ UXGA /720p/VGA/4CIF/DCIF/ 2CIF/ CIF/QCIF	8 MP/6 MP/5 MP/4 MP/3 MP/1080p/ UXGA /720p/VGA/4CIF/DCIF/ 2CIF/ CIF/QCIF
Display	1 HDMI/1 VGA	1 HDMI/1 VGA	1 HDMI/1 VGA	1 HDMI/1 VGA	1 HDMI/1 VGA	1 HDMI/1 VGA
LCD	-	-	-	-	-	-
Storage Capacity	2 SATA interfaces Up to 6TB capacity for each HDD	2 SATA interfaces Up to 6TB capacity for each HDD	2 SATA interfaces Up to 6TB capacity for each HDD	2 SATA interfaces Up to 6TB capacity for each disk	2 SATA interfaces Up to 6TB capacity for each disk	2 SATA interfaces Up to 6TB capacity for each disk
eSATA/Mini SAS	-	-	-	-	-	-
RAID Type	-	-	-	-	-	-
Video Output	HDMI:4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 768/60Hz VGA:1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	HDMI:4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 768/60Hz VGA:1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	HDMI:4K (3840 × 2160)/30Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA:1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	HDMI: 4K (3840 × 2160)/30Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA:1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	HDMI: 4K (3840 × 2160)/30Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA:1-ch, 1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	HDMI:1-ch, 4K (3840 × 2160)/30Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA:1-ch, 1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
Audio Output	1-ch, RCA (Linear, 1 KΩ)	1-ch, RCA (Linear, 1 KΩ)	1-ch, RCA (Linear, 1 KΩ)	1-ch, RCA (Linear, 1 KΩ)	1-ch, RCA (Linear, 1 KΩ)	1-ch, RCA (Linear, 1 KΩ)
Alarm I/O	4/1	4/1	4/1			
Network Interface	1, RJ-45 10/100/1000 Mbps self adaptive Ethernet interface	1, RJ-45 10/100/1000 Mbps self adaptive Ethernet interface	1, RJ-45 10/100/1000 Mbps self adaptive Ethernet interface	1, RJ-45 10/100/1000 Mbps self adaptive Ethernet interface	1, RJ-45 10/100/1000 Mbps self adaptive Ethernet interface	1, RJ-45 10/100/1000 Mbps self adaptive Ethernet interface
PoE Port	-	8P	-	16P	-	8P
USB Port	Front panel: 1 × USB 2.0; Rear panel: 1 × USB 3.0	Front panel: 1 × USB 2.0; Rear panel: 1 × USB 3.0	Front panel: 1 × USB 2.0; Rear panel: 1 × USB 3.0	2 × USB 2.0	2 × USB 2.0	2 × USB 2.0
Smart Function	Supports multiple VCA[Video Content Analytics] events for IP cameras	Supports multiple VCA[Video Content Analytics] events for IP cameras	Supports multiple VCA[Video Content Analytics] events for IP cameras	Supports multiple VCA[Video Content Analytics] events for IP cameras	Supports multiple VCA[Video Content Analytics] events for IP cameras	Supports multiple VCA[Video Content Analytics] events for IP cameras
Power Consumption (without HDD)	≤15 W	≤15 W(without enabling PoE)	≤15 W	≤15 W(without enabling PoE)	≤15 W	≤15 W(without enabling PoE)

Model	DS-7608NI-Q2	DS-7616NI-K1(B)	DS-7608NI-K1/8P(B)	DS-7608NI-K1(B)	DS-7604NI-K1/4P (B)	DS-7604NI-K1(B)
Image						
Channel No.	8-ch	16-ch	8-ch	8-ch	4-ch	4-ch
Decoding Format	H.265/H.265+/H.264/H.264+/MPEG4	H.265/H.265+/H.264/H.264+/MPEG4	H.265/H.265+/H.264/H.264+/MPEG4	H.265/H.265+/H.264/H.264+/MPEG4	H.265/H.265+/H.264/H.264+/MPEG4	H.265/H.265+/H.264/H.264+/MPEG4
Incoming/Outgoing Bandwidth	80Mbps/80Mbps	160Mbps/ 80Mbps	80Mbps/ 80Mbps	80Mbps/ 80Mbps	40Mbps/ 80Mbps	40Mbps/ 80Mbps
Decoding Capacity	1-ch @ 8 MP / 4-ch @ 1080p	1-ch @ 8 MP / 4-ch @ 1080p	1-ch @ 8 MP / 4-ch @ 1080p	1-ch @ 8 MP / 4-ch @ 1080p	1-ch @ 8 MP / 4-ch @ 1080p	1-ch @ 8 MP / 4-ch @ 1080p
Recording Resolution	8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA /720p/VGA/4CIF/DCIF/ 2CIF/CIF/QCIF	8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA /720p/VGA/4CIF/DCIF/ 2CIF/CIF/QCIF	8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA /720p/VGA/4CIF/DCIF/ 2CIF/CIF/QCIF	8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA /720p/VGA/4CIF/DCIF/ 2CIF/CIF/QCIF	8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA /720p/VGA/4CIF/DCIF/ 2CIF/CIF/QCIF	8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA /720p/VGA/4CIF/DCIF/ 2CIF/CIF/QCIF
Display	1 HDMI/1 VGA	1 HDMI/1 VGA	1 HDMI/1 VGA	1 HDMI/1 VGA	1 HDMI/1 VGA	1 HDMI/1 VGA
LCD	-	-	-	-	-	-
Storage Capacity	2 SATA interfaces Up to 6TB capacity for each disk	1 SATA interface Up to 6TB capacity for each HDD	1 SATA interface Up to 6TB capacity for each HDD	1 SATA interface Up to 6TB capacity for each HDD	1 SATA interface Up to 6TB capacity for each HDD	1 SATA interface Up to 6TB capacity for each HDD
eSATA/Mini SAS	-	-	-	-	-	-
RAID Type	-	-	-	-	-	-
Video Output	HDMI:4K [3840 × 2160]/30Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA:1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	HDMI:4K [3840 × 2160]/30Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA:1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	HDMI: 4K [3840 × 2160]/30Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA:1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	HDMI: 4K [3840 × 2160]/30Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA:1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	HDMI:4K [3840 × 2160]/30Hz,1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz,1024 × 768/60Hz;HDMI/VGA simultaneous output VGA:1920 × 1080p/60Hz,1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz,1024 × 768/60Hz	HDMI: 4K [3840 × 2160]/30Hz,1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz,1024 × 768/60Hz;HDMI/VGA simultaneous output VGA:1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz ;HDMI/VGA simultaneous output
Audio Output	1-ch, RCA [Linear, 1 KΩ]	1-ch, RCA [Linear, 1 KΩ]	1-ch, RCA [Linear, 1 KΩ]	1-ch, RCA [Linear, 1 KΩ]	1-ch, RCA [Linear, 1 KΩ]	1-ch, RCA [Linear, 1 KΩ]
Alarm I/O	-	-	-	-	-	-
Network Interface	1, RJ-45 10/100/1000 Mbps self adaptive Ethernet interface	1, RJ-45 10/100/1000 Mbps self adaptive Ethernet interface	1, RJ-45 10/100/1000 Mbps self adaptive Ethernet interface	1, RJ-45 10/100/1000 Mbps self adaptive Ethernet interface	1, RJ-45 10/100/1000 Mbps self adaptive Ethernet interface	1, RJ-45 10/100/1000 Mbps self adaptive Ethernet interface
PoE Port	-	-	8P	-	4P	-
USB Port	2 × USB 2.0	2 × USB 2.0	2 × USB 2.0	2 × USB 2.0	2 × USB 2.0	2 × USB 2.0
Smart Function	Supports multiple VCA(Video Content Analytics) events for IP cameras	Intrusion, Line crossing, Unattended Baggage, Object removal, Region exiting/entrance, People gathering, Fast moving, Parking, Loitering	Intrusion, Line crossing, Unattended Baggage, Object removal, Region exiting/entrance, People gathering, Fast moving, Parking, Loitering	Intrusion, Line crossing, Unattended Baggage, Object removal, Region exiting/entrance, People gathering, Fast moving, Parking, Loitering	Intrusion, Line crossing, Unattended Baggage, Object removal, Region exiting/entrance, People gathering, Fast moving, Parking, Loitering	Intrusion, Line crossing, Unattended Baggage, Object removal, Region exiting/entrance, People gathering, Fast moving, Parking, Loitering
Power Consumption (without HDD)	≤15 W	≤ 10W	≤ 10W(without enabling PoE)	≤ 10W	≤ 10W(without enabling PoE)	≤ 10W

Turbo HD Camera PTZ Camera DVRS Encoder Network Camera PTZ Dome Camera Panoramic Camera NVR KIT Thermal Monitor Switch Cable Controller & Transmission Accessories DORI Distance

Network Video Recorders

Value Series NVRs

Hikvision Value Series NVRs provide a highly cost-effective choice of video recording, live view, and playback. In particular, the Wi-Fi solutions of the Value Series NVRs make them easy to install and easy to manage.

- Cost-effective
- H.265+ / H.265, H.264+ / H.264 self-adapting decoding
- Up to 4 channels @ 1080p decoding for 71-Series
- Plug and Play for PoE models
- Wi-Fi Series NVRs offer two MIMO antennas designed for powerful Wi-Fi performance
- Four channels @ 4 MP decoding for new Wi-Fi Series NVRs



7 Series

Model	DS-7108NI-Q1/M/8P	DS-7108NI-Q1/M	DS-7104NI-Q1/M/4P	DS-7104NI-Q1/M	DS-7108NI-Q1/8P	DS-7108NI-Q1	DS-7104NI-Q1/4P	DS-7104NI-Q1
Image								
Channel No.	8-ch	8-ch	4-ch	4-ch	8-ch	8-ch	4-ch	4-ch
Decoding Format	H.265+/H.265/ H.264+/H.264							
Incoming/Outgoing Bandwidth	60 Mbps/ 60 Mbps	60 Mbps/ 60 Mbps	40 Mbps/ 60 Mbps	40 Mbps/ 60 Mbps	60 Mbps/ 60 Mbps	60 Mbps/ 60 Mbps	40 Mbps/ 60 Mbps	40 Mbps/ 60 Mbps
Decoding Capacity	4-ch @ 1080p [25 fps], 1-ch @ 6 MP [25 fps]	4-ch @ 1080p [25 fps], 1-ch @ 6 MP [25 fps]	4-ch @ 1080p [25 fps], 1-ch @ 6 MP [25 fps]	4-ch @ 1080p [25 fps], 1-ch @ 6 MP [25 fps]	4-ch @ 1080p [25 fps], 1-ch @ 6 MP [25 fps]	4-ch @ 1080p [25 fps], 1-ch @ 6 MP [25 fps]	4-ch @ 1080p [25 fps], 1-ch @ 6 MP [25 fps]	4-ch @ 1080p [25 fps], 1-ch @ 6 MP [25 fps]
Recording Resolution	6 MP/4 MP/3 MP/1080p/UXGA /720p/VGA/4CIF/DCIF/ 2CIF/CIF/QCIF							
Display	1 HDMI/1 VGA							
LCD	-	-	-	-	-	-	-	-
Storage Capacity	1 SATA interface Up to 6TB capacity for each HDD	1 SATA interface Up to 6TB capacity for each HDD	1 SATA interface Up to 6TB capacity for each HDD	1 SATA interface Up to 6TB capacity for each HDD	1 SATA interface Up to 6TB capacity for each HDD	1 SATA interface Up to 6TB capacity for each HDD	1 SATA interface Up to 6TB capacity for each HDD	1 SATA interface Up to 6TB capacity for each HDD
eSATA/Mini SAS	-	-	-	-	-	-	-	-
RAID Type	-	-	-	-	-	-	-	-
Video Output	HDMI:1-ch, 1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA:1-ch, 1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz, HDMI/VGA simultaneous output	HDMI:1-ch, 1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA:1-ch, 1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz, HDMI/VGA simultaneous output	HDMI:1-ch, 1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA:1-ch, 1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz, HDMI/VGA simultaneous output	HDMI:1-ch, 1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA:1-ch, 1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz, HDMI/VGA simultaneous output	HDMI:1-ch, 1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA:1-ch, 1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz, HDMI/VGA simultaneous output	HDMI:1-ch, 1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA:1-ch, 1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz, HDMI/VGA simultaneous output	HDMI:1-ch, 1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA:1-ch, 1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz, HDMI/VGA simultaneous output	HDMI:1-ch, 1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA:1-ch, 1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz, HDMI/VGA simultaneous output
Audio Output	-	-	-	-	-	-	-	-
Alarm I/O	-	-	-	-	-	-	-	-
Network Interface	1, RJ-45 10/100Mbps self-adaptive Ethernet interface	1, RJ-45 10/100Mbps self-adaptive Ethernet interface	1, RJ-45 10/100Mbps self-adaptive Ethernet interface	1, RJ-45 10/100Mbps self-adaptive Ethernet interface	1, RJ-45 10/100Mbps self-adaptive Ethernet interface	1, RJ-45 10/100Mbps self-adaptive Ethernet interface	1, RJ-45 10/100Mbps self-adaptive Ethernet interface	1, RJ-45 10/100Mbps self-adaptive Ethernet interface
PoE Port	with /8P model	-	with /4P model	-	with /8P model	-	with /4P model	-
USB Port	2 × USB 2.0							
Smart Function	line crossing and intrusion detection							
Power Consumption (without HDD)	≤ 10W(without enabling PoE)	≤ 10W						

Turbo HD PTZ Camera | Turbo HD DVRs Encoder | Network Camera | PTZ Dome Camera | Panoramic Camera | NVR KIT | Thermal Monitor | Switch | Cable Controller & Transmission | Accessories DORI Distance

Model	DS-7608NI-K1/W	DS-7604NI-K1/W	DS-7108NI-K1/W/M	DS-7104NI-K1/W/M
Image				
Channel No.	8-ch	4-ch	8-ch	4-ch
Decoding Format	H.264, H.265, H.264+, and H.265+	H.264, H.265, H.264+, and H.265+	H.264, H.265, H.264+, and H.265+	H.264, H.265, H.264+, and H.265+
Incoming/Outgoing Bandwidth	Incoming: 50 Mbps	Incoming: 50 Mbps	50/40 Mbps	50/40 Mbps
Decoding Capacity	4-ch@1080p	4-ch@1080p	4-ch@1080p	4-ch@1080p
Recording Resolution	5 MP/4 MP/3 MP/1080p/1.3 MP/720p	5 MP/4 MP/3 MP/1080p/1.3 MP/720p	4 MP/3 MP/1080p/1.3 MP/720p	4 MP/3 MP/1080p/1.3 MP/720p
Display	1 HDMI/1 VGA	1 HDMI/1 VGA	1 HDMI/1 VGA	1 HDMI/1 VGA
Video Output	1-ch, resolution: 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, resolution: 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	HDMI:1-ch, 1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA:1-ch, 1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	HDMI:1-ch, 1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA:1-ch, 1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
Storage Capacity	Up to 6TB capacity for each HDD	Up to 6TB capacity for each HDD	Up to 6 TB capacity for each disk	Up to 6 TB capacity for each disk
Frequency band	2.4 GHz	2.4 GHz	2.4 GHz	2.4 GHz
Antenna structure	2*2MIMO. External antennas. PA and LNA modules are supported	2*2MIMO. External antennas. PA and LNA modules are supported	2 × 2MIMO	2 × 2MIMO
Transmission speed	300 Mbps	300 Mbps	144 Mbps	144 Mbps
Transmission standard	IEEE 802.11b/g/n	IEEE 802.11b/g/n	IEEE 802.11b/g/n	IEEE 802.11b/g/n
Audio Output	1-ch, RCA (linear, 1 kΩ)	1-ch, RCA (linear, 1 kΩ)	1-ch, RCA (linear, 1 kΩ)	1-ch, RCA (linear, 1 kΩ)
Alarm I/O	-	-	-	-
Network Interface	1, RJ45 100M Ethernet interface	1, RJ45 100M Ethernet interface	1, RJ45 10/100M Ethernet interface	1, RJ45 10/100M Ethernet interface
PoE Port	-	-	-	-
USB Port	Rear panel: 2 × USB 2.0	Rear panel: 2 × USB 2.0	Rear panel: 2 × USB 2.0	Rear panel: 2 × USB 2.0
Smart Function	Supports multiple VCA[Video Content Analytics] events for IP cameras	Supports multiple VCA[Video Content Analytics] events for IP cameras	Supports line crossing and intrusion VCA [Video Content Analytics] events for IP cameras	Supports line crossing and intrusion VCA [Video Content Analytics] events for IP cameras
Power Consumption (without HDD)	≤ 18 W	≤ 18 W	≤ 12 W	≤ 12 W

Kit

143 Wi-Fi Kit

144 PoE Kit



Kit

Wi-Fi Kit:

- A kit includes four Wi-Fi cameras, one Wi-Fi NVR, and all accessories to minimize time and costs
- Auto-connect function for quick connection
- Stable Wi-Fi signal provides up to 120 meters of Wi-Fi coverage (in open places)

PoE Kit:

- A kit includes four PoE cameras, one PoE NVR, and all accessories to save time and cost
- PoE function to save wiring installation time
- Plug and play function for quick configuration



Wi-Fi Series

Model	NK42W0H-1T(WD)(B)	NK42W1H-1T(WD)(B)	NK44W0H-1T(WD)	NK44W1H-1T(WD)
Image				
Camera Case Type	Bullet	Dome	Bullet	Dome
Min. Illumination	Color: 0.02 Lux @ [F2.0, AGC ON]	Color: 0.02 Lux @ [F2.0, AGC ON]	Color: 0.028 Lux @ [F2.0; AGC ON]	Color: 0.028 Lux @ [F2.0; AGC ON]
Protection Level	IP66	IP66	IP66	IP66
Material	Front cover: metal, back cover: plastic	Plastic	Front cover: plastic, camera body: metal	Plastic
Focal Length	2.8 mm	2.8 mm	2.8 mm	2.8 mm
IR Range	Up to 30 m			
Video Compression	Main stream: H.265+/H.264+/H.265/H.264 Sub-stream: H.265/H.264			
Max. Resolution	1920 × 1080	1920 × 1080	2560 × 1440	2560 × 1440
On-board Storage	Built-in micro SD/SDHC/SDXC slot, up to 256 GB	Built-in micro SD/SDHC/SDXC slot, up to 256 GB	Built-in microSD/SDHC/SDXC slot, up to 128 GB	Built-in microSD/SDHC/SDXC slot, up to 128 GB
Audio I/O	1 built-in mic	1 built-in mic	1 Built-in mic, mono sound	1 Built-in mic, mono sound
Power Supply	12 VDC ± 25%, Ø 5.5 mm coaxial power plug, reverse polarity protection	12 VDC ± 25%, Ø 5.5 mm coaxial power plug, reverse polarity protection	12 VDC ± 25%, 0.5 A, Ø 5.5 mm coaxial plug power	12 VDC ± 25%, 0.5 A, Ø 5.5 mm coaxial plug power
IP Video Input	4-ch	4-ch	4-ch	4-ch
Incoming/Outgoing Bandwidth	50 Mbps/40 Mbps	50 Mbps/40 Mbps	50 Mbps/40 Mbps	50 Mbps/40 Mbps
HDMI/VGA Output	1-ch, resolution: 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, resolution: 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, resolution: 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, resolution: 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
Video Resolution	4 MP/3 MP/1080p/1.3 MP/720p			
Capability	4-ch@1080p/1-ch@4 MP	4-ch@1080p/1-ch@4 MP	4-ch@1080p/1-ch@4 MP	4-ch@1080p/1-ch@4 MP
PoE Interfaces Power	-	-	-	-
SATA	1	1	1	1
Power Supply	12 VDC	12 VDC	12 VDC	12 VDC
Dimension (W × D × H)	260 mm × 246 mm × 48 mm [10.2" × 9.7" × 1.9"]	260 mm × 246 mm × 48 mm [10.2" × 9.7" × 1.9"]	260 mm × 246 mm × 48 mm [10.2" × 9.7" × 1.9"]	260 mm × 246 mm × 48 mm [10.2" × 9.7" × 1.9"]
Accessories	Power: 5 power cables Network cable: 4 × 18.3 m (60 ft) video and power cable HDMI cable: 1 HDMI cable	Power: 5 power cables Network cable: 4 × 18.3 m (60 ft) video and power cable HDMI cable: 1 HDMI cable	Power: 5 power cables Network cable: 4 × 18.3 m (60 ft) video and power cable HDMI cable: 1 HDMI cable	Power: 5 power cables Network cable: 4 × 18.3 m (60 ft) video and power cable HDMI cable: 1 HDMI cable
Hard Drive	-1T:Pre-installed 1 TB HDD			

Turbo HD Camera Camera Camera Camera Encoder Network Camera PTZ Dome Camera Panoramic Camera NVR KIT Thermal Monitor Switch Cable Controller & Transmission Accessories DORI Distance

Model	NK42E2H-1T(WD)	NK42E2H	NK42E3H-1T(WD)	NK42E3H
Image				
Camera Case Type	Turret	Turret	Bullet & Dome	Bullet & Dome
Min. Illumination	Color:0.028 Lux @ [F2.0; AGC ON]	Color:0.028 Lux @ [F2.0; AGC ON]	Color:0.028 Lux @ [F2.0; AGC ON]	Color:0.028 Lux @ [F2.0; AGC ON]
Protection Level	IP67	IP67	Bullet: IP67 Dome: IP67, IK10	Bullet: IP67 Dome: IP67, IK10
Material	Camera body: metal, bottom base : plastic	Camera body: metal, bottom base : plastic	Bullet: Front cover: metal, back cover & bracket: plastic Dome: Front cover: plastic, back cover & bracket: metal	Bullet: Front cover: metal, back cover & bracket: plastic Dome: Front cover: plastic, back cover & bracket: metal
Focal Length	2.8 mm	2.8 mm	2.8 mm	2.8 mm
IR Range	Up to 30 m	Up to 30 m	Up to 30 m	Up to 30 m
Video Compression	Main stream: H.265+/H.264+/H.265/H.264 Sub-stream: H.265/H.264	Main stream: H.265+/H.264+/H.265/H.264 Sub-stream: H.265/H.264	Main stream: H.265+/H.264+/H.265/H.264 Sub-stream: H.265/H.264	Main stream: H.265+/H.264+/H.265/H.264 Sub-stream: H.265/H.264
Max. Resolution	1920 × 1080	1920 × 1080	1920 × 1080	1920 × 1080
On-board Storage	No	No	No	No
Audio I/O	No	No	No	No
Power Supply	12 VDC ± 25%, Ø 5.5 mm coaxial plug power, or PoE [802.3af, class 3]	12 VDC ± 25%, Ø 5.5 mm coaxial plug power, or PoE [802.3af, class 3]	12 VDC ± 25%, Ø 5.5 mm coaxial plug power, or PoE [802.3af, class 3]	12 VDC ± 25%, Ø 5.5 mm coaxial plug power, or PoE [802.3af, class 3]
IP Video Input	4-ch	4-ch	4-ch	4-ch
Incoming/Outgoing Bandwidth	40 Mbps/60 Mbps	40 Mbps/60 Mbps	40 Mbps/60 Mbps	40 Mbps/60 Mbps
HDMI/VGA Output	1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
Video Resolution	6 MP/4 MP/3 MP/1080p/UXGA /720p/VGA/4CIF/DCIF/ 2CIF/CIF/QCIF	6 MP/4 MP/3 MP/1080p/UXGA /720p/VGA/4CIF/DCIF/ 2CIF/CIF/QCIF	6 MP/4 MP/3 MP/1080p/UXGA /720p/VGA/4CIF/DCIF/ 2CIF/CIF/QCIF	6 MP/4 MP/3 MP/1080p/UXGA /720p/VGA/4CIF/DCIF/ 2CIF/CIF/QCIF
Capability	4ch@1080p / 1-ch@6MP	4ch@1080p / 1-ch@6MP	4ch@1080p / 1-ch@6MP	4ch@1080p / 1-ch@6MP
PoE Interfaces Power	≤ 36 W	≤ 36 W	≤ 36 W	≤ 36 W
SATA	1 SATA interface	1 SATA interface	1 SATA interface	1 SATA interface
Power Supply	48 VDC	48 VDC	48 VDC	48 VDC
Dimension (W × D × H)	265 × 225 × 48 mm [10.4" × 8.9" × 1.9"]	265 × 225 × 48 mm [10.4" × 8.9" × 1.9"]	265 × 225 × 48 mm [10.4" × 8.9" × 1.9"]	265 × 225 × 48 mm [10.4" × 8.9" × 1.9"]
Accessories	Power: 5 power cables Network cable: 4 × 18.3 m [60 ft] video and power cable HDMI cable: 1 HDMI cable	Power: 5 power cables Network cable: 4 × 18.3 m [60 ft] video and power cable HDMI cable: 1 HDMI cable	Power: 5 power cables Network cable: 4 × 18.3 m [60 ft] video and power cable HDMI cable: 1 HDMI cable	Power: 5 power cables Network cable: 4 × 18.3 m [60 ft] video and power cable HDMI cable: 1 HDMI cable
Hard Drive	-1T:Pre-installed 1 TB HDD	-	-1T:Pre-installed 1 TB HDD	-

Thermal Cameras

146 Security

149 Thermography



Thermal Cameras

Security

See the World in a New Way

- Thermal Cameras have strong environmental adaptability
- Video content analysis with deep learning algorithms to reduce false alarms
- Temperature exception alarm with visualized smart warning helps detect potential fire accidents beforehand
- Vigilant smoking detection helps to detect smoking behaviors
- Picture-in-picture preview enables convenient switching between optical and thermal channels



Security

Model	DS-2TD1117-2PA/3PA/6PA	DS-2TD1117-2P/3P/6P	DS-2TD2117-3PA/6PA/10PA	DS-2TD2117-3P/6P/10P	
Image	 HOT	 HOT	 HOT	 HOT	
Sensor (Thermal)	Vanadium Oxide Uncooled Focal Plane Arrays	Vanadium Oxide Uncooled Focal Plane Arrays	Vanadium Oxide Uncooled Focal Plane Arrays	Vanadium Oxide Uncooled Focal Plane Arrays	Turbo HD Camera
Sensitivity (Thermal)	< 40 mk (@ 25 °C, F# = 1.1)	< 40 mk (@ 25 °C, F# = 1.1)	< 40 mk (@ 25 °C, F# = 1.1)	< 40 mk (@ 25 °C, F# = 1.1)	Turbo HD Camera
Pixel Pitch (Thermal)	17 µm	17 µm	17 µm	17 µm	Turbo HD Camera
Resolution (Thermal)	160 × 120	160 × 120	160 × 120	160 × 120	Turbo HD Camera
Lens	2 mm / 3 mm / 6 mm	2 mm / 3 mm / 6 mm	3 mm / 6 mm / 10 mm	3 mm / 6 mm / 10 mm	Turbo HD Camera
Field of View(Thermal)	2mm:90° × 66.4° 3mm:50° × 37.2° 6mm:25.0° × 18.7°	2mm:90° × 66.4° 3mm:50° × 37.2° 6mm:25.0° × 18.7°	3mm:50° × 37.2° 6mm:25.0° × 18.7° 10mm:15.96° × 12°	3mm:50° × 37.2° 6mm:25.0° × 18.7° 10mm:15.96° × 12°	Turbo HD Camera
Video Compression	H.265/H.264/MJPEG, H.265+/H.264+ encoding with Baseline/Main/High Profile	H.265/H.264/MJPEG, H.265+/H.264+ encoding with Baseline/Main/High Profile	H.265/H.264/MJPEG, H.265+/H.264+ encoding with Baseline/Main/High Profile	H.265/H.264/MJPEG, H.265+/H.264+ encoding with Baseline/Main/High Profile	DVRs
Frame Rate	25 fps	25 fps	25 fps	25 fps	Encoder
Ingress Protection	IP66 Standard, TVS 6000V Lightning protection, surge protection, voltage transient protection	IP66 Standard, TVS 6000V lightning protection, surge protection, voltage transient protection	IP66 Standard TVS 6000V lightning protection, surge protection, voltage transient protection	IP66 Standard, TVS 6000V lightning protection, surge protection, voltage transient protection	Network Camera
Audio Input	1, 3.5 mm Mic in/Line in interface. Line input: 2 - 2.4 V [p-p], output impedance: 1 kΩ ± 10%	1, 3.5 mm Mic in/Line in interface. Line input: 2-2.4 V [p-p], output impedance: 1 kΩ ± 10%	1, 3.5 mm Mic in/Line in interface. Line input: 2 to 2.4 V [p-p], output impedance: 1 kΩ ± 10%	1, 3.5 mm Mic in/Line in interface. Line input: 2-2.4 V [p-p], output impedance: 1 kΩ ± 10%	PANORAMIC Camera
Audio Output	Linear level; impedance: 600 Ω	Linear level, impedance: 600 Ω	Linear level, impedance: 600 Ω	Linear level, impedance: 600 Ω	NVR
Alarm Input	1-ch inputs (0-5 VDC)	1-ch inputs (0-5 VDC)	2-ch inputs (0-5 VDC)	2-ch inputs (0-5 VDC)	KIT
Alarm Output	1-ch relay outputs, alarm response actions configurable	1-ch relay outputs, alarm response actions configurable	2-ch relay outputs, alarm response actions configurable	2-ch relay outputs, alarm response actions configurable	Thermal
Power	12 VDC ± 20% PoE (802.3af)	12 VDC ± 20% PoE (802.3af)	12 VDC ± 20% PoE (802.3af)	12 VDC ± 20% PoE (802.3af)	Monitor
Environmental Requirement	From -40 °C to 65 °C (-40 °F to 149 °F), Humidity90% or less	From -40 °C to 65 °C (-40 °F to 149 °F), Humidity90% or less	From -40 °C to 65 °C (-40 °F to 149 °F), Humidity90% or less	From -40 °C to 65 °C (-40 °F to 149 °F), Humidity90% or less	Switch
VCA	Line Crossing, Intrusion, Region Entrance, and Region Exiting	Line Crossing, Intrusion, Region Entrance, and Region Exiting	Line Crossing, Intrusion, Region Entrance, and Region Exiting	Line Crossing, Intrusion, Region Entrance, and Region Exiting	Cable
Fire Detection	Dynamic fire point detection, up to 10 fire points detectable.	Dynamic fire point detection, up to 10 fire points detectable.	Dynamic fire point detection, up to 10 fire points detectable.	Dynamic fire point detection, up to 10 fire points detectable.	Controller & Transmission
Temperature Measuring Range	-20 °C to +150 °C (-4 °F to +302 °F)	-20 °C to +150 °C (-4 °F to +302 °F)	-20 °C to +150 °C (-4 °F to +302 °F)	-20 °C to +150 °C (-4 °F to +302 °F)	Accessories
Temperature Accuracy	± 8 °C (± 14.4 °F)	± 8 °C (± 14.4 °F)	± 8 °C (± 14.4 °F)	± 8 °C (± 14.4 °F)	DORI Distance

Model	DS-2TD2617-3PA/6PA/10PA	DS-2TD2617-3P/6P/10P	DS-2TD1217-2PA/3PA/6PA	DS-2TD1217-2P/3P/6P
Image	 HOT	 HOT	 HOT	 HOT
Sensor (Thermal)	Vanadium Oxide Uncooled Focal Plane Arrays	Vanadium Oxide Uncooled Focal Plane Arrays	Vanadium Oxide Uncooled Focal Plane Arrays	Vanadium Oxide Uncooled Focal Plane Arrays
Sensitivity (Thermal)	< 40 mk (@ 25 °C, F# = 1.1	< 40 mk (@ 25 °C, F# = 1.1	< 40 mk (@ 25 °C, F# = 1.1	< 40 mk (@ 25 °C, F# = 1.1
Pixel Pitch (Thermal)	17 µm	17 µm	17 µm	17 µm
Resolution (Thermal)	160 × 120	160 × 120	160 × 120	160 × 120
Sensor (Optical)	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS
Max. Resolution (Optical)	2688 × 1520	2688 × 1520	2688 × 1520	2688 × 1520
Min. Illumination (Optical)	Color: 0.009 Lux @ [F1.6, AGC ON], B/W: 0.002 Lux @ [F1.6, AGC ON]	Color: 0.009 Lux @ [F1.6, AGC ON], B/W: 0.0018 Lux @ [F1.6, AGC ON]	2PA Color: 0.018 Lux @ [F1.6, AGC ON], B/W: 0.004 Lux @ [F1.6, AGC ON] 3/6PA Color: 0.009 Lux @ [F1.6, AGC ON], B/W: 0.002 Lux @ [F1.6, AGC ON]	2P Color: 0.018 Lux @ [F1.6, AGC ON], B/W: 0.004 Lux @ [F1.6, AGC ON] 3/6P Color: 0.009 Lux @ [F1.6, AGC ON], B/W: 0.002 Lux @ [F1.6, AGC ON]
Lens	Thermal: 3 / 6 / 10 mm Optical: 4 / 6 / 8 mm	Thermal: 3 / 6 / 10 mm Optical: 4 / 6 / 8 mm	Thermal: 2 / 3 / 6 mm Optical: 2 / 4 / 6 mm	Thermal: 2 / 3 / 6 mm Optical: 2 / 4 / 6 mm
Field of View(Thermal)	3mm:50° × 37.2° 6mm:25.0° × 18.7° 10mm:15.96° × 12°	3mm:50° × 37.2° 6mm:25.0° × 18.7° 10mm:15.96° × 12°	2mm:90° × 66.4° 3mm:50° × 37.2° 6mm:25.0° × 18.7°	2mm:90° × 66.4° 3mm:50° × 37.2° 6mm:25.0° × 18.7°
Video Compression	H.265/H.264/MJPEG, H.265+/H.264+ encoding with Baseline/Main/High Profile	H.265/H.264/MJPEG, H.265+/H.264+ encoding with Baseline/Main/High Profile	H.265/H.264/MJPEG, H.265+/H.264+ encoding with Baseline/Main/High Profile	H.265/H.264/MJPEG, H.265+/H.264+ encoding with Baseline/Main/High Profile
Frame Rate	25 fps	25 fps	25 fps	25 fps
Ingress Protection	IP66 Standard TVS 6000V lightning protection, surge protection, voltage transient protection	IP66 Standard, TVS 6000V lightning protection, surge protection, voltage transient protection	IP66 Standard, TVS 6000V Lightning protection, surge protection, voltage transient protection	IP66 Standard, TVS 6000V Lightning protection, surge protection, voltage transient protection
Audio Input	1, 3.5 mm Mic in/Line in interface. Line input: 2 to 2.4 V [p-p], output impedance: 1 kΩ ± 10%	1, 3.5 mm Mic in/Line in interface. Line input: 2-2.4 V [p-p], output impedance: 1 kΩ ± 10%	1, 3.5 mm Mic in/Line in interface. Line input: 2 - 2.4 V [p-p], output impedance: 1 kΩ ± 10%	1, 3.5 mm Mic in/Line in interface. Line input: 2-2.4 V [p-p], output impedance: 1 kΩ ± 10%
Audio Output	Linear level, impedance: 600 Ω	Linear level, impedance: 600 Ω+I2519:I2719:I26L18I19:I23I19:I2519:I26I19:I25I19:I2719:I19:I27	Linear level; impedance: 600 Ω	Linear level, impedance: 600 Ω+I2519:I2719:I26L18I19:I23I19:I2519:I26I19:I25I19:I2719:I19:I27
Alarm Input	2-ch inputs (0-5 VDC)	2-ch inputs (0-5 VDC)	1-ch inputs (0-5 VDC)	1-ch inputs (0-5 VDC)
Alarm Output	2-ch relay outputs, alarm response actions configurable	2-ch relay outputs, alarm response actions configurable	1-ch relay outputs, alarm response actions configurable	1-ch relay outputs, alarm response actions configurable
Power	12 VDC ± 20% PoE (802.3af)	12 VDC ± 20% PoE (802.3af)	12 VDC ± 20% PoE (802.3af)	12 VDC ± 20% PoE (802.3af)
Environmental Requirement	From -40 °C to 65 °C (-40 °F to 149 °F); Humidity: 90% or less	From -40 °C to 65 °C (-40 °F to 149 °F), Humidity 90% or less	From -40 °C to 65 °C (-40 °F to 149 °F); Humidity: 90% or less	From -40 °C to 65 °C (-40 °F to 149 °F), Humidity 90% or less
VCA	Line Crossing, Intrusion, Region Entrance, and Region Exiting	1, 3.5 mm Mic in/Line in interface. Line input: 2-2.4 V [p-p], output impedance: 1 kΩ ± 10%+I19:I27	Line Crossing, Intrusion, Region Entrance, and Region Exiting	1, 3.5 mm Mic in/Line in interface. Line input: 2-2.4 V [p-p], output impedance: 1 kΩ ± 10%+I19:I27
Fire Detection	Dynamic fire point detection, up to 10 fire points detectable.	Dynamic fire point detection, up to 10 fire points detectable.	Dynamic fire point detection, up to 10 fire points detectable.	Dynamic fire point detection, up to 10 fire points detectable.
Temperature Measuring Range	-20 °C to +150 °C (-4 °F to +302 °F)	-20 °C to +150 °C (-4 °F to +302 °F)	-20 °C to +150 °C (-4 °F to +302 °F)	-20 °C to +150 °C (-4 °F to +302 °F)
Temperature Accuracy	± 8 °C (± 14.4 °F)	± 8 °C (± 14.4 °F)	± 8 °C (± 14.4 °F)	± 8 °C (± 14.4 °F)

Thermal Cameras

Thermography

The handheld thermography camera is equipped with a 160 x 120 resolution thermal detector, especially designed for quickly and accurately locating areas of abnormal temperature. The temperature value is shown on the built-in LCD screen for convenient read.

- Temperature measurement range: from -20°C to 550°C
- Temperature measurement accuracy: Max($\pm 2^{\circ}\text{C}$, $\pm 2\%$)
- Support offline temperature analysis of picture by iVMS-4800



Model	DS-2TP31-3AU	DS-2TP21-6AVF/W
Image		
Thermal Camera Sensor	Uncooled Focal Plane Arrays	Uncooled Focal Plane Arrays
Pixel Pitch[Thermal]	17 μm	17 μm
Sensitivity	< 40 mk (@ 25 °C, F# = 1.0)	< 40 mk (@ 25 °C, F# = 1.0)
FOV	5.48 mrad	2.74 mrad
Max. Resolution	Thermal: 160 x 120 Optical: 8MP	Thermal: 160 x 120 Optical: 8MP
Frame rate	25 fps	25 fps
Thermal Lens	3.1 mm	6.2 mm
Field of View(Thermal)	50° x 37.2°	25° x 19°
Screen	320 x 240 resolution 2.4" LCD display	640 x 480 resolution 3.5" LCD touch display
Storage	Replaceable memory card (8G)	Replaceable memory card (16 G)
Wi-Fi	NA	Support
Battery Operating Time	≤ 8 h	≤ 5 h
Ingress Protection	IP54	IP54
Fall Resistant Level	2 m (6.56 feet)	2 m (6.56 feet)
Operating Temperature	-10 °C to 50 °C (14 °F to 122 °F)	-10 °C to 50 °C (14 °F to 122 °F)
Temperature Measuring Range	-20 °C to 550 °C (-4 °F to 1022 °F)	-20 °C to 550 °C (-4 °F to 1022 °F)
Temperature Accuracy	Max ($\pm 2^{\circ}\text{C}$, $\pm 2\%$)	Max ($\pm 2^{\circ}\text{C}$, $\pm 2\%$)
Dimension	196 mm x 117 mm x 59 mm (7.7" x 4.6" x 2.3")	244 x 100 x 104 mm (9.6 x 3.9 x 4.1")
Weight	350 g	660 g

Turbo HD Camera	Turbo HD PTZ Camera	DVRs	Encoder Camera	Network Camera	PTZ Dome Camera	Panoramic Camera	NVR Camera	KIT
Monitor	Switch	Cable	Controller & Transmission	Accessories	DORI	Distance		

Monitors

151 Pro Series

155 Value Series



Monitors

Pro Series

Visual and Audio Clarity

Pro Series monitors deliver 24/7 operation with FHD or UHD images.

- Full HD 1080p/UHD 4K resolution
- Wide viewing angle – 178°(H) / 178°(V)
- 3D comb filter, 3D De-interlace , 3D noise reduction
- Longer life span for critical performance and minimum TCO
- Perfect integration and compatibility with DVRs and NVRs
- Supports multiple inputs: HDMI, DVI, VGA, BNC, USB, audio in, RS232, RJ45, IR
- Standard VESA bracket
- On Duty 24/7 for Mission Critical Applications



4K Series

Model	DS-D5027UC	DS-D5028UC	DS-D5043UC	DS-D5043UC-B	DS-D5049UC-B
Image					
Display	Max Resolution	3840*2160	1920×1080	3840×2160	3840*2160
	Backlight	LED-Backlit TFT LCD	LED Backlight	D-LED Backlight	D-LED Backlight
	Active Display Area	27"	28"	42.5"	42.51"
	Brightness	350cd/m ²	300 cd/m ²	400 cd/m ²	300cd/m ²
	Aspect Ratio	16:9	16:9	16:9	16:9
	Contrast Ratio	1000:1	1000: 1	1200:1	1200:1
	Response Time	14ms	5.5 ms	8ms	6ms
	Color	1.07billion	1.07billion	1.07billion	1.07billion
Interface	Viewing Angle	Horizontal 178°, Vertical 178°	Horizontal 170°, vertical 160°	Horizontal 178°, Vertical 178°	Horizontal 178°, Vertical 178°
	Input	HDMI input 1 DP input 1	HDMI input 1 VGA input 1 DP Input 1 Audio input 1	RS232 1 HDMI 2.0 2 VGA 1 LAN 1 Audio in 1 USB3.0*1 /USB2.0*1 2	HDMI input 3 VGA input 1 USB2.0 Input 1 YPbPr input 1 Audio input 1
	Output	Audio input 1	-	Audio out 1	Audio out 1
	Speaker	2 * 2W	2*3W	8W*2	8W*2
General	Input Voltages	100~240 VAC,50/60 Hz	AC 110~240V,50/60Hz	AC 100~240V, 50/60 Hz	AC100~240V,50/60Hz
	Power Consumption	≤56W	≤45W(Typ), ≤70W(Max)	≤120W	≤75W
	Dimensions	614.19mm * 400.4mm * 249.6mm	659.7(W)X390.9(H)X49.3mm(D)	968.2mm*559.4mm*60.9 mm	969.1mm * 566.8mm * 82.6mm
	Weight	Gross Weight 6.55 Kg Net Weight 5.07 kg	Gross Weight 7.2Kg Net Weight 5.6kg	Gross Weight 11.7kg Net Weight 8.6kg	Gross Weight 9.67 Kg Net Weight 7.37Kg
	VESA Mounting	100mm * 100mm	100mm*100mm	200mm*200mm/400mm*400mm	400mm*200mm
	Operating Temperature	0~40 ° (0 to 104 ° F)	0 to 40 ° C (0 to 104 ° F)	0°~40°(0 to 104 ° F)	0~40 ° (0 to 104 ° F)
	Working Time	7*24h	7*24h	7*24h	7*24h
	Wall mounted Bracket (Optional)	DS-DM1940W	DS-DM1940W	DS-DM4255W	DS-DM4255W
	Stand Bracket (Optional)	Included by default	Included by default	Included by default	Included by default

Model	DS-D5050UC	DS-D5055UC	DS-D5055UC-B	DS-D5065UC
Image				
Display	Max Resolution	3840×2160	3840×2160	3840×2160
	Backlight	LED Backlight	D-LED	D-LED Backlight
	Active Display Area	49.5"	54.6"	54.64"
	Brightness	300 cd/m²	400 cd/m²	300cd/m²
	Aspect Ratio	16:9	16:9	16:9
	Contrast Ratio	4000: 1	1200:1	1300:1
	Response Time	8ms	8ms	9ms
	Color	1.07billion	1.07billion	1.07billion
Interface	Viewing Angle	Horizontal 178°, vertical 178°	Horizontal 178°, Vertical 178°	Horizontal 178°, Vertical 178°
	Input	LAN 1 VGA input 1 HDMI input 1 AV input 1 [CVBS IN, L Audio input, R Audio input] USB 2.0 1 USB 3.0 1	HDMI 2.0 2 VGA 1 LAN 1 Audio in 1 USB3.0*1 /USB2.0*1 2 RS232 1	HDMI input 3 VGA input 1 USB2.0 Input 1 YPbPr input 1 Audio input 1
	Output	SPDIF output 1	Audio out 1	Audio out 1
	Speaker	2*8W	8W*2	8W*2
General	Input Voltages	100 to 240 VAC, 50/60Hz	AC 100-240V, 50/60 Hz	AC 100-240V, 50/60 Hz
	Power Consumption	≤ 117W	≤180W	≤155W
	Dimensions	1123.6 × 649.3 × 77 mm	1239.2mm*711.6mm*61.7 mm	1241mm * 720mm * 83mm
	Weight	Gross Weight 12.35 kg Net Weight 12.00 kg	Gross Weight 20.7kg Net Weight 16kg	Gross Weight 17.04Kg Net Weight 13.04Kg
	VESA Mounting	400mm*200mm	400mm*200mm/400mm*400mm	200mm*200mm
	Operating Temperature	0 to 40 ° C (0 to 104 ° F)	0°~ 40°	0-40 ° (0 to 104 ° F)
	Working Time	7*24h	7*24h	7*24h
	Wall mounted Bracket (Optional)	DS-DM4255W	DS-DM4255W	DS-DM6586W
	Stand Bracket (Optional)	DS-DM5001B	DS-DM5504B	Included by default
				DS-DM6501B

FL Series

Model	DS-D5032FL	DS-D5043FL-B
Image		
Display	Max Resolution	1920×1080
	Backlight	LED-Backlit
	Active Display Area	31.5"
	Brightness	400 cd/m ²
	Aspect Ratio	16:9
	Contrast Ratio	3000:1
	Response Time	6.5ms
	Color	16.7 M
	Viewing Angle	Horizontal 178°, Vertical 178°
	Input	HDMIx1, VGA×1, DVI×1, BNCx1, USB×1, Audio(3.5mm mini-jack)×1
Interface	Output	VGA x 1, DVI x 1, HDMI x 1, BNC IN x 1, AUDIO IN x 1
	Speaker	3W ×2
	Input Voltages	AC100~240V, 50/60Hz
	Power Consumption	≤ 60W
	Dimensions	737.4mm×452.5mm×70.65mm (39.32" x 23.24" x 3.08")
	Weight	19Kg(Gross weight) , 12Kg(Net weight)
	VESA Mounting	200mm×200mm
	Operating Temperature	0°C ~ 40 °C
	Working Time	7*24h
	Wall mounted Bracket (Optional)	DS-DM1940W
General	Stand Bracket	DS-DM3201B
	Model	DS-D5022FC
	Model	DS-D5024FC
	Model	DS-D5032FC-A
	Image	 HOT
	Image	 HOT
	Image	
	Max Resolution	1920×1080
	Backlight	LED-Backlit TFT LCD
	Active Display Area	21.5"
Interface	Brightness	250cd/m ²
	Aspect Ratio	16:9
	Contrast Ratio	1000:1
	Response Time	5ms
	Color	16.7M
	Viewing Angle	Horizontal 170°, Vertical 160°
	Input	HDMIx1, VGA×1, BNCx1, AUDIO (3.5mm mini-jack)×1, Stereo×1
	Output	BNC×1, Audio(3.5mm mini-jack)×1, Stereo out×1
	Speaker	2*2W
	Input Voltages	DC 12V/3.0A (Power adapter)
General	Power Consumption	< 30W(on) <0.5W(Standby)
	Dimensions	511.4mmx313.0mmx45.4mm
	Weight	4.6Kg(Gross weight) , 3.2(Net weight)
	VESA Mounting	100mm × 100mm
	Operating Temperature	0°C ~ 40 °C
	Working Time	7*24h
	Wall mounted Bracket (Optional)	DS-DM1940W
	Stand Bracket	Included by default
	Model	DS-D5024FC
	Model	DS-D5032FC-A

FC Series

Model	DS-D5022FC	DS-D5024FC	DS-D5032FC-A
Image	 HOT	 HOT	
Max Resolution	1920×1080	1920×1080	1920×1080
Backlight	LED-Backlit TFT LCD	LED-Backlit TFT LCD	LED-Backlit TFT LCD
Active Display Area	21.5"	23.6"	31.5"
Brightness	250cd/m ²	250cd/m ²	300cd/m ²
Aspect Ratio	16:9	16:9	16:9
Contrast Ratio	1000:1	1000:1	1000:1
Response Time	5ms	5ms	8ms
Color	16.7M	16.7M	16.7M
Viewing Angle	Horizontal 170°, Vertical 160°	Horizontal 170°, Vertical 160°	Horizontal 178°, Vertical 178°
Input	HDMIx1, VGA×1, BNCx1, USB×1, Audio(3.5mm mini-jack)×1	HDMIx1, VGA×1, BNCx1, AUDIO (3.5mm mini-jack)×1, RCA×1	DVIx1,HDMIx1, VGA×1, BNCx1, AUDIO (3.5mm mini-jack)×1
Output	BNC×1, Audio(3.5mm mini-jack)×1, Stereo out×1	BNC×1,AUDIO×1	BNC×1,PC AUDIO×1
Speaker	2*2W	2*2W	2 W x 2, 6Ω
Input Voltages	DC 12V/3.0A (Power adapter)	AC 100~240V	100 ~ 240 V AC, 50/60 Hz
Power Consumption	< 30W(on) <0.5W(Standby)	< 30W(on) <0.5W(Standby)	≤ 45 W
Dimensions	511.4mmx313.0mmx45.4mm	561mmx338mmx45mm	729mm x433mm x50mm
Weight	4.6Kg(Gross weight) , 3.2(Net weight)	6.0Kg(Gross weight) , 5.1(Net weight)	9.25 Kg(Gross weight) , 5.75 Kg(Net weight)
VESA Mounting	100mm × 100mm	100mm × 100mm	100 mm x 100 mm
Operating Temperature	0°C ~ 40 °C	0°C ~ 40 °C	0°C ~ 40°C
Working Time	7*24h	7*24h	7*24h
Wall mounted Bracket (Optional)	DS-DM1940W	DS-DM1940W	DS-DM1940W
Stand Bracket	Included by default	Included by default	Included by default

Monitors

Value Series

Accessible and Affordable

Value Series monitors deliver 24/7 operation at an affordable price

- Wide viewing angle
- Multiple inputs: HDMI / VGA
- 3D comb filter, 3D De-interlace, 3D noise reduction
- Longer life span for critical performance and minimum TCO
- Perfect integration and compatibility with DVRs and NVRs
- Standard VESA bracket
- On Duty 24/7 for Mission Critical Applications



Model	DS-D5019QE	DS-D5019QE-B	DS-D5022QE-B	DS-D5022QE-E
Image				
Display	Max Resolution	1366×768	1366×768	1920×1080
	Backlight	LED-Backlit TFT LCD	LED-Backlit TFT LCD	LED-Backlit TFT LCD
	Active Display Area	18.5"	18.5"	21.5"
	Brightness	200cd/m ² (Typical)	200cd/m ² (Typical)	250cd/m ² (Typical)
	Aspect Ratio	16:9	16:9	16:9
	Contrast Ratio	600:1	600:1	1000:1
	Response Time	5ms	5ms	5ms
	Color	16.7M	16.7M	16.7M
	Viewing Angle	Horizontal 90°, Vertical 65°	Horizontal 90°, Vertical 65°	Horizontal 170°, Vertical 160°
	Input	VGA×1	HDMI×1, VGA×1	HDMI×1, VGA×1
Interface	Output	-	-	-
	Speaker	-	-	-
	Input Voltages	AC100 ~ 240V, 50/60Hz	AC100 ~ 240V, 50/60Hz	AC100 ~ 240V, 50/60Hz
	Power Consumption	≤ 25W	≤ 25W < 30W(on) < 0.4W(Standby)	< 30W(on) < 0.5W(Standby)
General	Dimensions	446mm×275mm ×45mm	446mm×275mm ×45mm	511mm×313mm ×46mm
	Weight	3.5Kg(Gross weight), 2.8Kg(Net weight)	3.5Kg(Gross weight), 2.8Kg(Net weight)	4.5Kg(Gross weight), 3.3Kg(Net weight)
	VESA Mounting	75mm x 75mm	75mm x 75mm	100mm × 100mm
	Operating Temperature	0°C ~ 40 °C	0°C ~ 40 °C	0°C ~ 40 °C
	Working Time	7*24h	7*24h	7*24h
	Wall mounted Bracket (Optional)	DS-DM1940W	DS-DM1940W	DS-DM1940W
	Stand Bracket	Included by default	Included by default	Included by default

Model	DS-D5024QE	DS-D5032QE	DS-D5032QE-B	DS-D5043QE	DS-D5022QE-C
Image					
Display	Max Resolution	1920×1080	1920×1080	1920×1080	1920 × 1080
	Backlight	LED-Backlit TFT LCD	LED-Backlit TFT LCD	LED-Backlit TFT LCD	LED-Backlit TFT LCD
	Active Display Area	23.8"	31.5"	31.5"	42.5"
	Brightness	250cd/m ² [Typical]	300cd/m ² [Typical]	250cd/m ² [Typical]	360 cd/m ² [Typical]
	Aspect Ratio	16:9	16:9	16:9	16:9
	Contrast Ratio	1000:1	1400:1	1000:1	1200:1
	Response Time	14ms	8ms	6ms	8ms
	Color	16.7M	16.7M	16.7M	16.7M
Interface	Viewing Angle	Horizontal 178°, Vertical 178°	Horizontal 178°, Vertical 178°	Horizontal 178°, Vertical 178°	Horizontal 178°, Vertical 178°
	Input	HDMIx1, VGAx1	HDMIx1,VGAx1,Audiox1,RJ45(RS232)x1	HDMIx1, VGAx1,DVI-Dx1,Audiox1	HDMI x1,VGA 1,Audio In x1
	Output	-	-	-	-
	Speaker	-	5W*2	-	5W*2
	Input Voltages	AC100 ~ 240V, 50/60Hz	AC100 ~ 240V, 50/60Hz	AC100 ~ 240V, 50/60Hz	100 to 240 V AC, 50/60Hz
General	Power Consumption	< 30W(on) < 0.5W(Standby)	< 55W(on) < 0.5W(Standby)	< 50W(on) < 0.5W(Standby)	≤75W 0.5W[Standby]
	Dimensions	555mm×433mm ×226mm	727mm×424mm ×64mm	724.34mm×424.19mm ×46.26mm	968.18mm×562.99mm ×76.8mm
	Weight	5.1Kg[Grossweight] , 3.7Kg[Net weight]	6.763Kg[Grossweight] , 5.09Kg[Net weight]	6.8Kg[Grossweight] , 5.3Kg[Net weight]	11.1Kg[Grossweight] , 8.2Kg[Net weight]
	VESA Mounting	100mm × 100mm	100mm × 100mm	100mm × 100mm	200mm*200mm
	Operating Temperature	0°C ~ 40 °C	0°C ~ 40 °C	0°C ~ 40 °C	5°C ~ 40°C
	Working Time	7*24h	7*24h	7*24h	7*24h
	Wall mounted Bracket (Optional)	DS-DM1940W	DS-DM1940W	DS-DM1940W	DS-DM4255W
	Stand Bracket	Included by default	Included by default	Included by default	Included by default

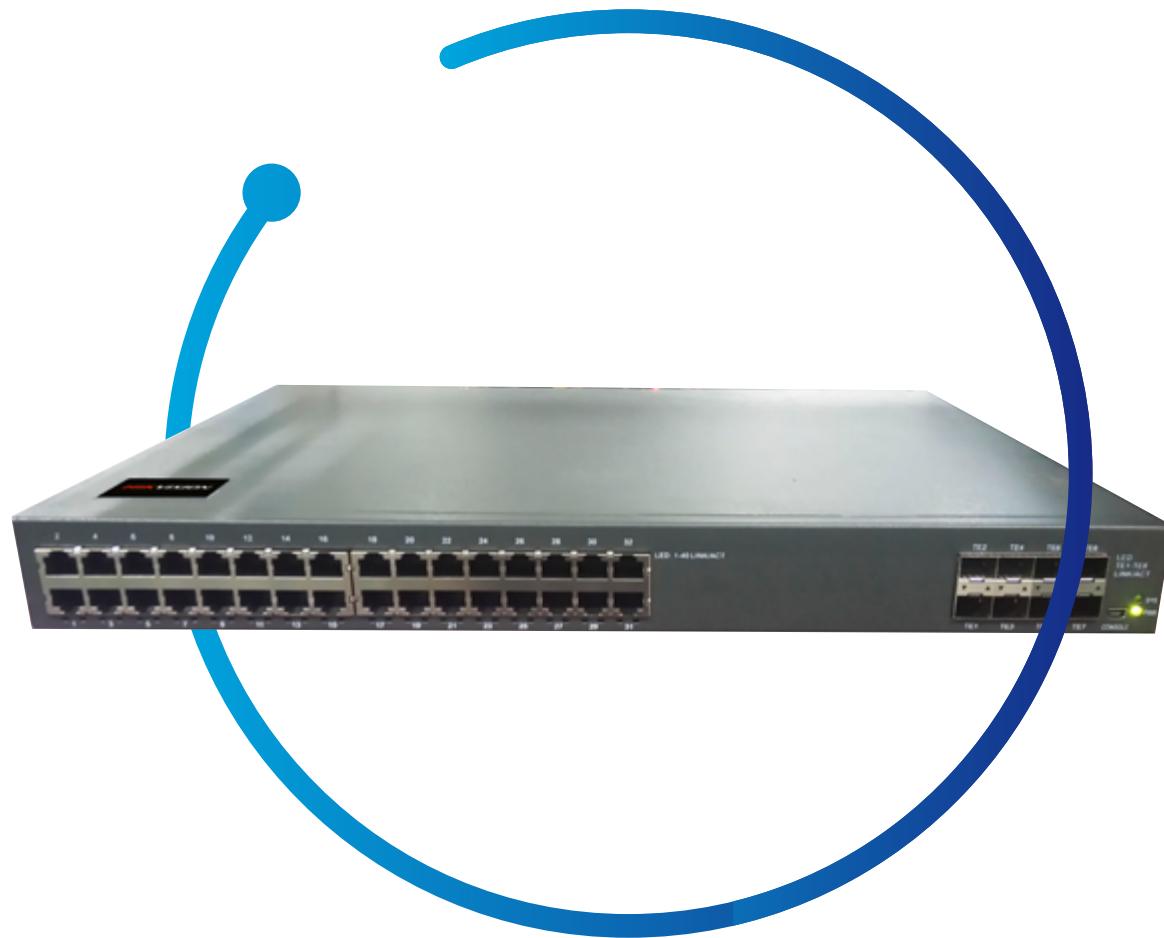
Model	DS-D5022FN	DS-D5024FN	DS-D5027FN	
Image				
Display	Max Resolution	1920 × 1080@60Hz	1920 × 1080@60Hz	1920 × 1080@60Hz
	Backlight	TFT-LED Backlight	TFT-LED Backlight	TFT-LED Backlight
	Active Display Area	476 × 268 mm	527 × 296 mm	598 × 336 mm
	Brightness	250 cd/m ²	250 cd/m ²	300 cd/m ²
	Aspect Ratio	16:9	16:9	16:9
	Contrast Ratio	3000: 1	1000: 1	1000: 1
	Response Time	13ms	14ms	14ms
	Color	16.7M	16.7M	16.7M
	Viewing Angle	Horizontal 178°, vertical 178°	Horizontal 178°, vertical 178°	Horizontal 178°, vertical 178°
Interface	Input	VGA input 1 HDMI input 1	VGA input 1 HDMI input 1	VGA input 1 HDMI input 1
	Output	-	-	-
	Speaker	-	-	-
General	Input Voltages	100 to 240 VAC, 50/60Hz	100 to 240 VAC, 50/60Hz	100 to 240 VAC, 50/60Hz
	Power Consumption	≤ 30W	≤ 30W	≤ 40W
	Dimensions	489×378×167mm	540×418×227mm	614×454×226mm
	Weight	4.44kg [Grossweight], 2.75 kg [Net weight]	4.44 kg [Grossweight], 3.43 kg [Net weight]	5.62 kg [Grossweight], 4.06 kg [Net weight]
	VESA Mounting	100 × 100 mm	100 × 100 mm	100 × 100 mm
	Operating Temperature	0 to 40 ° C (32 to 104 ° F)	0 to 40 ° C (32 to 104 ° F)	0 to 40 ° C (32 to 104 ° F)
	Working Time	7*24h	7*24h	7*24h
	Wall mounted Bracket (Optional)	DS-DM1940W	DS-DM1940W	DS-DM1940W
	Stand Bracket	Included by default	Included by default	Included by default

Switches

160 Ultra Series

161 Pro Series

172 Value Series



Switches

Ultra Series

Switch On for Powerful Transmission

- IP route and full wire-speed L3 data package forwarding
- IEEE802.1x, IP+MAC+port binding
- Link aggregation
- MPLS VPN P/PE, MPLS TE, and MPLS OAM
- IRF
- Multicast and QoS



L3 Series

Model	DS-3E3756TF	DS-3E3740																																
Image																																		
Interface	<table border="1"> <tr> <td>Ethernet Port</td><td>24, 10/100/1000M RJ45 ports 24, 1000M SFP ports</td><td>32 10/100/1000M Base-T ports+8 10G SFP+ ports</td></tr> <tr> <td>Uplink Port</td><td>8 10G SFP ports</td><td>10G SFP+ ports</td></tr> <tr> <td>Packet Forwarding Rate</td><td>136Mbps</td><td>136Mbps</td></tr> </table>	Ethernet Port	24, 10/100/1000M RJ45 ports 24, 1000M SFP ports	32 10/100/1000M Base-T ports+8 10G SFP+ ports	Uplink Port	8 10G SFP ports	10G SFP+ ports	Packet Forwarding Rate	136Mbps	136Mbps																								
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Uplink Port	8 10G SFP ports	10G SFP+ ports																																
Packet Forwarding Rate	136Mbps	136Mbps																																
Performance	<table border="1"> <tr> <td>Switching Capacity</td><td>256Gbps</td><td>224Gbps</td></tr> <tr> <td>MAC Address Table</td><td>64K</td><td>64K</td></tr> <tr> <td>Quality of Service</td><td>Flow classification based on L2-4 protocols CAR flow limit 802.1P/DSCP priority re-labeling SP, WRR, and "SP+WRR" Congestion avoidance mechanisms like Tail-Drop and WRED Flow monitoring and flow shaping</td><td>It supports speed limit on port direction and direction. Supports 8 priority queues per port. Support mapping from message 802.1p to different queues. Support SP, WRR and SP+WRR algorithm. Support for message priority and message redirection. Support L2 (Layer 2)-L4 (Layer 4) packet filtering function, provide source MAC address, destination MAC address, source IP address, destination IP address, TCP/UDP protocol source/destination port number, protocol, VLAN packet filtering function Support functions based on queue speed limit and port shaping.</td></tr> <tr> <td>STP</td><td>802.1D (STP), 802.1W (RSTP) and 802.1S (MSTP) BPDU protection, root protection, and loopback protection</td><td>Support STP (IEEE 802.1d), RSTP (IEEE 802.1w) and MSTP (IEEE 802.1s) protocol.</td></tr> <tr> <td>Multicast</td><td>IGMP v1/v2/v3 IGMP snooping IGMP Fast Leave Multicast group strategy and quantity limitation Multicast flow copying over VLANs</td><td>Supports IGMP v1/v2/v3 Snooping and fast leave mechanism Supports multicast forwarding in VLAN and multicast multi VLAN replication Multicast load sharing supporting bundled ports Supports controllable multicast Port based multicast traffic statistics Supports IGMP v1/v2/v3, PIM-SM, PIM-DM, PIM-SSM</td></tr> <tr> <td>VLAN</td><td>4K VLAN; GVRP; QinQ; Private VLAN</td><td>Supports IEEE 802.1Q (VLAN), the whole machine supports 4K VLAN Supports GVRP Supports QinQ Supports VLAN based on MAC / protocol / IP subnet / policy / port Supports Private VLAN Supports 1:1 and N:1 VLAN Mapping functions</td></tr> <tr> <td>Security</td><td>L2/L3/L4 ACL flow identification and filtration DDoS attack prevention, TCP's SYN Flood attack prevention, UDP Flood attack prevention, etc Broadcast/multicast/unknown unicast stormcontrol Port isolation Port security, and "IP+MAC+port" binding</td><td>Supports 802.1x, support single port maximum user number limit Storm suppression Filter User level management and password protection Supports AAA authentication, supports Radius, TACACS+ and many other ways Supports 802.1X authentication, supports MAC authentication, and supports MAC bypass authentication Supports to prevent DOS, ARP attack function, ICMP anti attack Supports binding of IP, MAC, port and VLAN Supports MAC address learning limit Supports DHCP Snooping Supports port isolation, Sticky MAC Supports MAC address filtering Supports SSH V2.0 Supports multicast, broadcast and unknown unicast message suppression Supports CPU protection function</td></tr> <tr> <td>Management and Maintenance</td><td>Console, Telnet, SSH2.0, Web SNMP v1/v2/v3 TFTP RMON Static/LACP link aggregation EAPS and ERPS</td><td>Console, Telnet, SSH2.0, Web SNMP v1/v2/v3 TFTP RMON</td></tr> <tr> <td>Power Supply</td><td>100-240V AC, 50/60 Hz</td><td>AC, 100V-240V, 50Hz±10%</td></tr> <tr> <td>Power Consumption</td><td>55W</td><td><50W</td></tr> <tr> <td>Dimension</td><td>442.5mm×350mm×44mm</td><td>442.5mm×315mm×44mm</td></tr> </table>	Switching Capacity	256Gbps	224Gbps	MAC Address Table	64K	64K	Quality of Service	Flow classification based on L2-4 protocols CAR flow limit 802.1P/DSCP priority re-labeling SP, WRR, and "SP+WRR" Congestion avoidance mechanisms like Tail-Drop and WRED Flow monitoring and flow shaping	It supports speed limit on port direction and direction. 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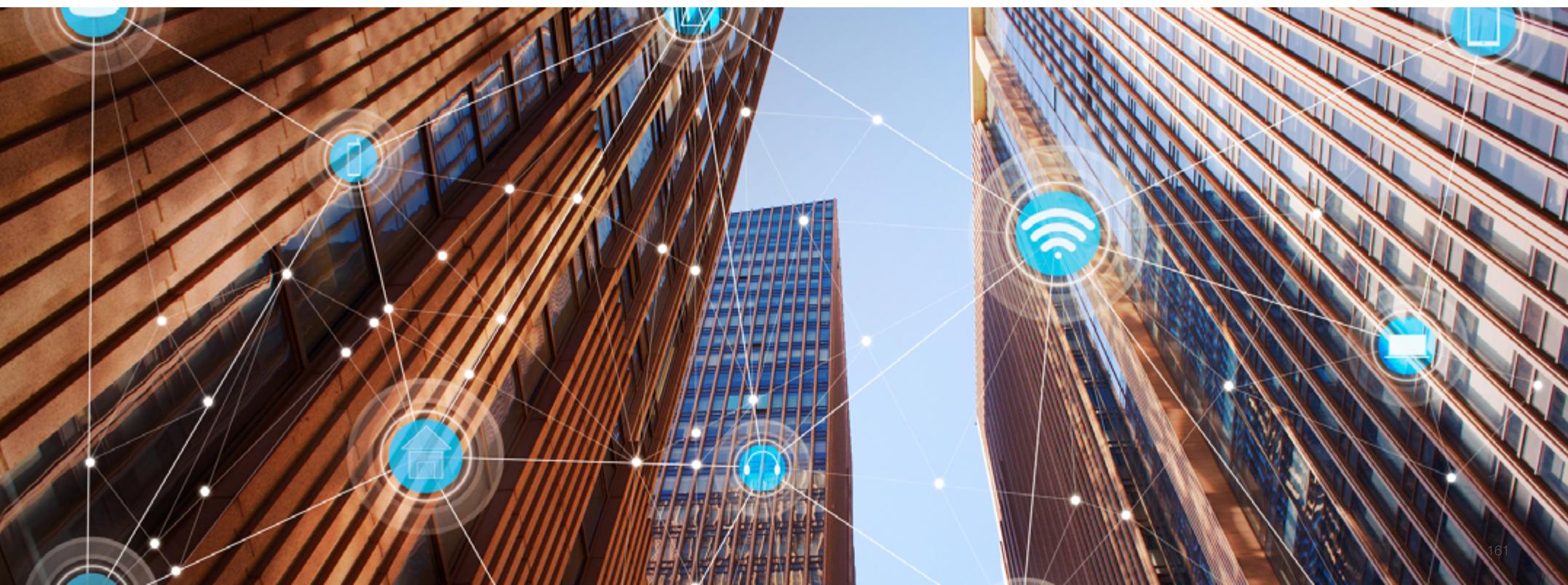
Switches

Pro Series

Switch More

Aggregate access switches and provide powerful management functions.

- Layer 2, 100 M / 1,000 M network switch
- Unmanaged or managed functions
- 802.3af / at / bt PoE standard (on select models) and high PoE power budget
- 8/4-core adaptable power supply to drastically reduce power loss (on select models)
- Data from key cameras will be transmitted with priority to VIP ports (on select models)
- EXTEND mode increases transmission distances to 300 m (on select models)
- 6 KV surge protection ensures normal and reliable operation even in harsh conditions (on select models)
- “Watchdog” function enables automatic camera detection, reducing manual inspection and restart and contributing to a self-healing network (on select models)



Unmanaged 1000M Series

Model	DS-3E0524TF	DS-3E0505-E	DS-3E0508-E(B)	DS-3E0516-E(B)	DS-3E0524-E(B)
Image					
Interface	Ethernet Port 12 x Gigabit Ethernet electrical ports , 12 x Gigabit SFP fiber optical port	5 x 1000M Ethernet port	8 x 1000M Ethernet port	16 x 1000M Ethernet port	24 x 1000M Ethernet port
Performance	Uplink Port -	-	-	-	-
General	Lightning Protection -	-	-	-	-
	Packet Forwarding Rate 35.7 Mpps	7.44 Mpps	11.904 Mpps	23.808 Mpps	35.712 Mpps
	Switching Capacity 48 Gbps	10 Gbps	16 Gbps	32 Gbps	48 Gbps
	MAC Address Table 16 K	2 K	4 K	8 K	8 K
	Power Supply 220 VAC	5 VDC , 1 A	5 VDC , 1 A	220 VAC , 50/60 Hz , Max. 0.3 A	220 VAC , 50/60 Hz , Max. 0.7 A
	Power Consumption 30 W	-	-	-	-
	Dimension 440 mm×44.5 mm×186.5 mm	103 mm × 25.6 mm × 61.1 mm	145 mm × 25.6 mm × 68.4 mm	257 mm × 44.5 mm × 175.8 mm	335 mm × 44.5 mm × 175.8 mm

Unmanaged 1000M POE Series

Model	DS-3E0505P-E	DS-3E0510P-E	DS-3E0518P-E	DS-3E0526P-E	
Image					
Interface	Ethernet Port	4 × Gigabit PoE ports, and 1 × Gigabit RJ45 port	8 × Gigabit PoE ports, 1 × Gigabit RJ45 port	16 × Gigabit PoE ports, 1 × Gigabit RJ45 port	24 × Gigabit PoE ports, 1 × Gigabit RJ45 port
	Uplink Port	1 × Gigabit RJ45 port	1 × Gigabit RJ45 port and 1 × Gigabit SFP fiber optical port	1 × Gigabit RJ45 port and 1 × Gigabit SFP fiber optical port	1 × Gigabit RJ45 port and 1 × Gigabit SFP fiber optical port
	High Priority Port (default)	-	-	-	-
	PoE Standards	IEEE 802.3af, IEEE 802.3at	IEEE 802.3af, IEEE 802.3at	IEEE 802.3af, IEEE 802.3at	IEEE 802.3af, IEEE 802.3at
	PoE Ports	Ports 1 to 4	Ports 1 to 8	Ports 1 to 16	Ports 1 to 24
	PoE Budget	60 W	110 W	230 W	370 W
	PoE Extend Mode	-	-	-	-
	Surge Protection	6 KV	6 KV	6 KV	6 KV
	Hi-PoE	-	-	-	-
Dialing function	Long range	-	-	-	-
	Port isolation	-	-	-	-
	PoE watchdog	-	-	-	-
Performance	Packet Forwarding Rate	7.44 Mpps	14.88 Mpps	26.784 Mpps	38.688 Mpps
	Switching Capacity	10 Gbps	20 Gbps	36 Gbps	52 Gbps
General	MAC Address Table	2 K	4 K	8 K	8 K
	Power Supply	48 VDC, 1.35 A	48 VDC, 2.5 A	100 to 240 VAC, 50/60 Hz, Max. 4 A	100 to 240 VAC, 50/60 Hz, Max. 6.5 A
	Power Consumption	65 W	120W	250 W	400 W
General	Dimension	105 mm × 27.6 mm × 83.1 mm	217.6 mm × 27.8 mm × 108.55 mm	440 mm × 44 mm × 220.8 mm	440 mm × 44 mm × 220.8 mm

Turbo HD Camera
 Turbo HD PTZ Camera
 DVRs Encoder Network Camera
 PTZ Dome Panoramic Camera
 NVR KIT Thermal Monitor
 Cable Controller & Transmission Accessories DORI Distance

Model	DS-3E0505HP-E	DS-3E0510HP-E	DS-3E0520HP-E	DS-3E0528HP-E
Image	 NEW	 NEW	 NEW	 NEW
Interface	Ethernet Port 3 × gigabit PoE ports, 1 × gigabit Hi-PoE port	6 × gigabit PoE ports, 2 × gigabit Hi-PoE ports	12 × gigabit PoE ports, 4 × gigabit Hi-PoE ports,	20 × gigabit PoE ports, 4 × gigabit Hi-PoE ports
	Uplink Port 1 × gigabit RJ45 port	1 × gigabit RJ45 port, and 1 × gigabit fiber optical port	2 × gigabit RJ45 ports, and 2 × gigabit fiber optical ports	2 × gigabit RJ45 ports, and 2 × gigabit fiber optical ports
	High Priority Port (default) -	-	-	-
	PoE Standards Port 1: IEEE 802.3af, IEEE 802.3at, IEEE 802.3bt Ports 2 to 4: IEEE 802.3af, IEEE 802.3at	Ports 1 and 2: IEEE 802.3af, IEEE 802.3at, IEEE 802.3bt Ports 3 to 8: IEEE 802.3af, IEEE 802.3at	Ports 1 to 4: IEEE 802.3af, IEEE 802.3at, IEEE 802.3bt Ports 5 to 16: IEEE 802.3af, IEEE 802.3at	Ports 1 to 4: IEEE 802.3af, IEEE 802.3at, IEEE 802.3bt Ports 5 to 24: IEEE 802.3af, IEEE 802.3at
	PoE Ports Ports 1 to 4	Ports 1 to 8	Ports 1 to 16	Ports 1 to 24
	PoE Budget 60 W	110 W	225 W	370 W
	PoE Extend Mode Ports 3 and 4 support	Ports 7 and 8 support	Ports 13 to 16 support	Ports 21 to 24 support
	Surge Protection 6 KV	6 KV	6 KV	6 KV
	Hi-PoE IEEE 802.3bt 60W	IEEE 802.3bt 90W	IEEE 802.3bt 90W	IEEE 802.3bt 90W
Dialing function	Long range Ports 3 and 4: up to 300 m; and the speed rate of the port is 10 Mbps.	Ports 7 and 8: up to 300 m; and the speed rate of the port is 10 Mbps.	Ports 13 to 16: up to 300 m; and the speed rate of the port is 10 Mbps	Ports 21 to 24: up to 300 m; and the speed rate of the port is 10 Mbps
	Port isolation Ports 1 to 4: port isolation mode to improve network security.	Ports 1 to 8: port isolation mode to improve network security.	Ports 1 to 16: port isolation mode to improve network security.	Ports 1 to 24: port isolation mode to improve network security.
	PoE watchdog Ports 1 to 4: auto detect and restart the cameras that do not respond.	Ports 1 to 8: auto detect and restart the cameras that do not respond.	Ports 1 to 16: auto detect and restart the cameras that do not respond.	Ports 1 to 24: auto detect and restart the cameras that do not respond.
	Packet Forwarding Rate 7.44 Mpps	14.88 Mpps	29.76 Mpps	41.664 Mpps
Performance	Switching Capacity 10 Gbps	20 Gbps	40 Gbps	56 Gbps
	MAC Address Table 2 K	4 K	8 K	8 K
	Power Supply 48 VDC, 1.35 A	54 VDC, 2.22 A	100 to 240 VAC, 50/60Hz, Max. 4 A	100 to 240 VAC, 50/60Hz, Max. 6.5 A
General	Power Consumption 65 W	120 W	250 W	400 W
	Dimension 121 mm × 88.1 mm × 27.6 mm	217.6 mm × 108.55 mm × 27.8 mm	440 mm × 220.8 mm × 44 mm	440 mm × 220.8 mm × 44 mm

Full Managed Series

Model	DS-3E2310P	DS-3E2318P	DS-3E2326P	DS-3E2528P	DS-3E2510P	DS-3E2528
Image						
Interface	Ethernet Port	8 x 10/100Mbps RJ45 ports	16 x 10/100Mbps RJ45 ports,	24 x 10/100Mbps RJ45 ports,	24 x 10/100M/1000M RJ45 ports	8 x 10/100/1000M RJ45 ports
	Uplink Port	2 x 1000M Combo Port [2 Ethernet Ports and 2 SFP Ports]	2 x 1000M Combo Port [2 Ethernet Ports and 2 SFP Ports]	2 x 1000M Combo Port [2 Ethernet Ports and 2 SFP Ports]	4 x 1000Base-X SFP ports	2 x 1000Base-X SFP ports
	High Priority Port (default)	-	-	-	-	-
	POE Standards	IEEE 802.3af, IEEE802.3at	IEEE 802.3af, IEEE802.3at	IEEE 802.3af, IEEE802.3at	IEEE802.3af, IEEE802.3at	-
	PoE Ports	Ports 1-8	Ports 1-16	Ports 1-24	Ports 1-24	Ports 1-8
	PoE Budget	125W	300W	380W	380W	125W
	PoE Extend Mode	-	-	-	-	-
	Lightning Protection	2KV	2KV	2KV	2KV	2KV
Performance	Packet Forwarding Rate	5.6Mpps	8.4Mpps	9.6Mpps	42Mpps	15Mpps
	Switching Capacity	10Gbps	21.2Gbps	22.8Gbps	56Gbps	20Gbps
	MAC Address Table	8K	8K	8K	8K	8K
Managed Features	Quality of Service	Flow classification based on L2-4 protocols, CAR flow limit 802.1P/DSCP priority re-labeling, SP, WRR, and "SP+WRR" Congestion avoidance mechanisms like Tail-Drop and WRED Flow monitoring and flow shaping	Flow classification based on L2-4 protocols, CAR flow limit 802.1P/DSCP priority re-labeling, SP, WRR, and "SP+WRR" Congestion avoidance mechanisms like Tail-Drop and WRED Flow monitoring and flow shaping	Flow classification based on L2-4 protocols, CAR flow limit 802.1P/DSCP priority re-labeling, SP, WRR, and "SP+WRR" Congestion avoidance mechanisms like Tail-Drop and WRED Flow monitoring and flow shaping	Flow classification based on L2-4 protocols, CAR flow limit 802.1P/DSCP priority re-labeling, SP, WRR, and "SP+WRR" Congestion avoidance mechanisms like Tail-Drop and WRED Flow monitoring and flow shaping	Flow classification based on L2-4 protocols, CAR flow limit 802.1P/DSCP priority re-labeling, SP, WRR, and "SP+WRR" Congestion avoidance mechanisms like Tail-Drop and WRED Flow monitoring and flow shaping
	L2 and L2+ Features	IEEE 802.1d STP, IEEE 802.1w RSTP IGMP Snooping, IGMP v1/v2, link aggregation	IEEE 802.1d STP, IEEE 802.1w RSTP IGMP Snooping, IGMP v1/v2, link aggregation	IEEE 802.1d STP, IEEE 802.1w RSTP IGMP Snooping, IGMP v1/v2, link aggregation	IEEE 802.1d STP, IEEE 802.1w RSTP IGMP Snooping, IGMP v1/v2, link aggregation	IEEE 802.1d STP, IEEE 802.1w RSTP IGMP Snooping, IGMP v1/v2, link aggregation
	VLAN	4K VLAN; GVRP; QinQ; Private VLAN	4K VLAN; GVRP; QinQ; Private VLAN	4K VLAN; GVRP; QinQ; Private VLAN	4K VLAN; GVRP; QinQ; Private VLAN	4K VLAN; GVRP; QinQ; Private VLAN
General	Security	L2/L3/L4 ACL flow identification and filtration, DDoS attack prevention, TCP's SYN Flood attack prevention, UDP Flood attack prevention, etc Broadcast/multicast/unknown unicast stormcontrol Port isolation Port security, and "IP+MAC+port" binding.	L2/L3/L4 ACL flow identification and filtration, DDoS attack prevention, TCP's SYN Flood attack prevention, UDP Flood attack prevention, etc Broadcast/multicast/unknown unicast stormcontrol Port isolation Port security, and "IP+MAC+port" binding.	L2/L3/L4 ACL flow identification and filtration, DDoS attack prevention, TCP's SYN Flood attack prevention, UDP Flood attack prevention, etc Broadcast/multicast/unknown unicast storm-control Port isolation Port security, and "IP+MAC+port" binding.	L2/L3/L4 ACL flow identification and filtration, DDoS attack prevention, TCP's SYN Flood attack prevention, UDP Flood attack prevention, etc Broadcast/multicast/unknown unicast storm-control Port isolation Port security, and "IP+MAC+port" binding.	L2/L3/L4 ACL flow identification and filtration, DDoS attack prevention, TCP's SYN Flood attack prevention, UDP Flood attack prevention, etc Broadcast/multicast/unknown unicast storm-control Port isolation Port security, and "IP+MAC+port" binding.
	Management and Maintenance	Console, Telnet, SSH2.0, Web SNMP v1/v2/v3, TFTP, RMON	Console, Telnet, SSH2.0, Web SNMP v1/v2/v3, TFTP, RMON	Console, Telnet, SSH2.0, Web SNMP v1/v2/v3, TFTP, RMON	Console, Telnet, SSH2.0, Web SNMP v1/v2/v3, TFTP, RMON	Console, Telnet, SSH2.0, Web SNMP v1/v2/v3, TFTP, RMON
	Power Supply	100~240 VAC, 50/60 Hz	100~240 VAC, 50/60 Hz	100~240 VAC, 50/60 Hz	100V~240VAC, 50Hz±10%	100V~240VAC, 50Hz±10%
	Power Consumption	140W	330W	400W	395W	140W
	Dimension	280 mm × 179 mm × 45 mm	440 mm × 232 mm × 44 mm	440 mm × 232 mm × 44 mm	440 mm × 45 mm × 232 mm	280 mm × 45 mm × 179 mm

Web-managed POE Series

Model	DS-3E1310P-E	DS-3E1318P-E	DS-3E1326P-E	DS-3E1510P-E	DS-3E1518P-E	DS-3E1526P-E
Image						
Interface	<p>Ethernet Port 8 x 10/100Mbps RJ45 ports</p> <p>Uplink Port 2 x 1000M Combo Port (2 Ethernet Ports and 2 SFP Ports)</p> <p>High Priority Port (default) Port 1 to 8</p> <p>POE Standards IEEE 802.3af, IEEE802.3at</p> <p>PoE Ports Ports 1-8</p> <p>PoE Budget 123W</p> <p>PoE Extend Mode Max. 250 m</p> <p>Hi-PoE -</p> <p>Lightning Protection 4 KV</p> <p>Long range Support up to 250 m transmission</p>	<p>Ethernet Port 16 x 10/100Mbps RJ45 ports</p> <p>Uplink Port 2 x 1000M Combo Port (2 Ethernet Ports and 2 SFP Ports)</p> <p>High Priority Port (default) Port 1 to 8</p> <p>POE Standards IEEE 802.3af, IEEE802.3at</p> <p>PoE Ports Ports 1-16</p> <p>PoE Budget 230W</p> <p>PoE Extend Mode Max. 250 m</p> <p>Hi-PoE -</p> <p>Lightning Protection 4 KV</p> <p>Long range Support up to 250 m transmission</p>	<p>Ethernet Port 24 x 10/100Mbps RJ45 ports</p> <p>Uplink Port 2 x 1000M Combo Port (2 Ethernet Ports and 2 SFP Ports)</p> <p>High Priority Port (default) Port 1 to 8</p> <p>POE Standards IEEE 802.3af, IEEE802.3at</p> <p>PoE Ports Ports 1-24</p> <p>PoE Budget 370W</p> <p>PoE Extend Mode Max. 250 m</p> <p>Hi-PoE -</p> <p>Lightning Protection 4 KV</p> <p>Long range Support up to 250 m transmission</p>	<p>Ethernet Port 8 × gigabit PoE ports</p> <p>Uplink Port 2 × gigabit fiber optical ports</p> <p>High Priority Port (default) -</p> <p>POE Standards IEEE 802.3af, IEEE 802.3at</p> <p>PoE Ports Ports 1 to 8</p> <p>PoE Budget 110 W</p> <p>PoE Extend Mode Max. 300 m</p> <p>Hi-PoE -</p> <p>Lightning Protection 6 KV</p> <p>Long range Support up to 300 m transmission</p>	<p>Ethernet Port 16 × gigabit PoE ports</p> <p>Uplink Port 2 × gigabit fiber optical ports</p> <p>High Priority Port (default) -</p> <p>POE Standards IEEE 802.3af, IEEE 802.3at</p> <p>PoE Ports Ports 1 to 16</p> <p>PoE Budget 225 W</p> <p>PoE Extend Mode Max. 300 m</p> <p>Hi-PoE -</p> <p>Lightning Protection 6 KV</p> <p>Long range Support up to 300 m transmission</p>	<p>Ethernet Port 24 × gigabit PoE ports</p> <p>Uplink Port 2 × gigabit fiber optical ports</p> <p>High Priority Port (default) -</p> <p>POE Standards IEEE 802.3af, IEEE 802.3at</p> <p>PoE Ports Ports 1 to 24</p> <p>PoE Budget 370 W</p> <p>PoE Extend Mode Max. 300 m</p> <p>Hi-PoE -</p> <p>Lightning Protection 6 KV</p> <p>Long range Support up to 300 m transmission</p>
Dialing function	<p>Port isolation -</p> <p>PoE watchdog -</p>	<p>Port isolation -</p> <p>PoE watchdog -</p>	<p>Port isolation -</p> <p>PoE watchdog -</p>	<p>Port isolation -</p> <p>PoE watchdog Ports 1 to 8: auto detect and restart the cameras that do not respond</p>	<p>Port isolation -</p> <p>PoE watchdog Ports 1 to 16: auto detect and restart the cameras that do not respond</p>	<p>Port isolation -</p> <p>PoE watchdog Ports 1 to 24: auto detect and restart the cameras that do not respond</p>
Performance	<p>Packet Forwarding Rate 1.34Mpps</p> <p>Switching Capacity 5.4 Gbps</p> <p>MAC Address Table 4K</p> <p>Quality of Service FIFO [First-in First-out] SP [Strict Priority] WP [Weighted Priority]</p>	<p>Packet Forwarding Rate 5.36Mpps</p> <p>Switching Capacity 7.2 Gbps</p> <p>MAC Address Table 4K</p> <p>Quality of Service FIFO [First-in First-out] SP [Strict Priority] WP [Weighted Priority]</p>	<p>Packet Forwarding Rate 6.55Mpps</p> <p>Switching Capacity 8.8 Gbps</p> <p>MAC Address Table 4K</p> <p>Quality of Service FIFO [First-in First-out] SP [Strict Priority] WP [Weighted Priority]</p>	<p>Packet Forwarding Rate 14.88 Mpps</p> <p>Switching Capacity 20 Gbps</p> <p>MAC Address Table 8 K</p> <p>Quality of Service Support WRR and SP scheduling and port priority</p>	<p>Packet Forwarding Rate 26.784 Mpps</p> <p>Switching Capacity 36 Gbps</p> <p>MAC Address Table 8 K</p> <p>Quality of Service Support WRR and SP scheduling and port priority</p>	<p>Packet Forwarding Rate 36.688 Mpps</p> <p>Switching Capacity 52 Gbps</p> <p>MAC Address Table 8 K</p> <p>Quality of Service Support WRR and SP scheduling and port priority</p>
Managed Features	<p>L2 and L2+ Features IEEE 802.1d STP, IEEE 802.1w RSTP IGMP Snooping, IGMP v1/v2, link aggregation</p>	<p>VLAN Port VLAN, IEEE 802.1Q VLAN[Max. 31 groups can be configured]</p>	<p>VLAN Port VLAN, IEEE 802.1Q VLAN[Max. 31 groups can be configured]</p>	<p>VLAN Port VLAN, IEEE 802.1Q VLAN[Max. 31 groups can be configured]</p>	<p>VLAN Support 128 VLANs.</p>	<p>VLAN Support 128 VLANs.</p>
General	<p>Management and Maintenance SNMP v1/v2 WEB management</p>	<p>Power Supply 100~240 VAC, 50/60Hz</p>	<p>Power Supply 100~240 VAC, 50/60Hz</p>	<p>Power Supply 100~240 VAC, 50/60Hz</p>	<p>Power Supply 48 VDC, 2.5 A</p>	<p>Power Supply 100 to 240 VAC, 50/60 Hz, Max. 4 A</p>
	<p>Power Consumption 150W</p>	<p>Dimension 294 mm x 165.8 mm x 44 mm</p>	<p>Power Consumption 250W</p>	<p>Dimension 440 mm x 285 mm x 43 mm</p>	<p>Power Consumption 440W</p>	<p>Dimension 217.6 mm x 108.55 mm x 27.8 mm</p>
					<p>Power Consumption 120 W</p>	<p>Dimension 440 mm x 220.8 mm x 44 mm</p>
					<p>Power Consumption 250 W</p>	<p>Dimension 440 mm x 221 mm x 44 mm</p>
					<p>Power Consumption 400 W</p>	

Unmanaged POE Series

Model	DS-3E0106HP-E	DS-3E0310HP-E	DS-3E0105P-E(B)	DS-3E0109P-E(C)	DS-3E0318P-E(B)	DS-3E0326P-E(B)
Image	 NEW	 NEW	 NEW	 NEW	 NEW	 NEW
Interface	Ethernet Port 1 × 10/100 Mbps Hi-PoE port, 3 × 10/100 Mbps PoE ports, and 2 × 10/100 Mbps RJ45 ports	1 × 10/100 Mbps Hi-PoE port, 7 × 10/100 Mbps PoE ports, and 2 × 10/100/1000 Mbps RJ45 ports	4 × 100 Mbps PoE ports, 1 × 100 Mbps Ethernet port	8 × 100 Mbps PoE ports, 1 × 100 Mbps Ethernet port	16 × 100 Mbps PoE ports, 2 × 1000 Mbps combos	24 × 100 Mbps PoE ports, 2 × 1000 Mbps combos
Dialing function	Uplink Port 2 × 10/100 Mbps RJ45 uplink ports	2 × 10/100/1000 Mbps RJ45 uplink ports	1 × 100 Mbps RJ45 uplink ports	1 × 100 Mbps RJ45 uplink ports	2 × 1000 Mbps Combos uplink ports	2 × 1000 Mbps Combos uplink ports
	High Priority Port (default) Ports 1 to 2	-	Ports 1 to 2	Ports 1 to 2	Ports 1 to 8	Ports 1 to 8
	PoE Standards Port 1: IEEE 802.3af, IEEE 802.3at, IEEE 802.3bt Ports 2 to 4: IEEE 802.3af, IEEE 802.3at	Port 1: IEEE 802.3af, IEEE 802.3at, IEEE 802.3bt Ports 2 to 8: IEEE 802.3af, IEEE 802.3at	IEEE 802.3af, IEEE 802.3at	IEEE 802.3af, IEEE 802.3at	IEEE 802.3af, IEEE 802.3at	IEEE 802.3af, IEEE 802.3at
	PoE Ports Port 1 to 4	Port 1 to 8	Port 1 to 4	Port 1 to 8	Port 1 to 16	Port 1 to 24
	PoE Budget 60 W	110 W	60 W	115 W	230 W	370 W
	Hi-PoE IEEE 802.3bt 60W	IEEE 802.3bt 60W	-	-	-	-
	PoE Extend Mode Max. 250 m	Max. 250 m	Max. 250 m	Max. 250 m	Max. 250 m	Max. 250 m
	Surge Protection 6 KV	6 KV	6 KV	6 KV	6 KV	6 KV
	Long range Support up to 250 m transmission	Support up to 250 m transmission	Support up to 250 m transmission	Support up to 250 m transmission	Support up to 250 m transmission	Support up to 250 m transmission
	Port isolation -	-	-	-	-	-
	PoE watchdog -	-	-	-	-	-
Performance	Packet Forwarding Rate 0.893 Mpps	4.166 Mpps	0.744 Mpps	1.339 Mpps	5.356 Mpps	6.547 Mbits
	Switching Capacity 1.2 Gbps	5.6 Gbps	1 Gbps	1.8 Gbps	7.2 Gbps	8.8 Mpps
	MAC Address Table 2 K	16 K	1 K	2 K	4 K	4 K
	Power Supply 48 VDC, 1.35 A	48 VDC, 2.5 A	48 VDC, 1.35 A	48 VDC, 2.5 A	100 to 240 VAC, 50/60 Hz, Max. 4 A	100 to 240 VAC, 50/60 Hz, Max. 6.5 A
General	Power Consumption 65 W	120 W	65 W	120 W	250 W	400 W
	Dimension 145 mm × 25.6 mm × 68.45 mm	217.6 mm × 27.8 mm × 103.35 mm	105 mm × 27.6 mm × 83.1 mm	170 mm × 27.6 mm × 93.1 mm	440 mm × 44 mm × 220.8 mm	440 mm × 44 mm × 220.8 mm

Turbo HD Camera
 Turbo HD PTZ Camera
 DVRs Encoder
 Network Camera
 PTZ Dome Camera
 Panoramic Camera
 NVR
 KIT Thermal Monitor
Switch
 Cable Controller & Transmission
 Accessories DORI Distance

Industrial Grade POE Series

Model	DS-3T0306P	DS-3T0310P	DS-3T0306HP-E/HS																																																																																																													
Image																																																																																																																
Standards	IEEE 802.3af, IEEE 802.3at	IEEE 802.3af, IEEE 802.3at	Port 1: IEEE 802.3af, IEEE 802.3at, IEEE 802.3bt Ports 2 to 4: IEEE 802.3af, IEEE 802.3at																																																																																																													
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[EN]61000-4-5, Class 2 IEC [EN]61000-4-11, Class 4</td></tr> </table> </td><td></td></tr> </table>	Ethernet Port	4 100M Base-T ports+2 1000Base-X ports	8 100M Base-T ports+2 1000Base-X ports	3 × 100M PoE ports, 1 × Hi-PoE port	Uplink Port	2 1000Base-X SFP ports	2 1000Base-X SFP ports	1 × gigabit RJ45 port and 1 × gigabit SFP Fiber Optical Port	High Priority Port (default)	-	-	-	PoE Budget	120w	240w	60 W	PoE Extend Mode	-	-	Max. 300 m	PoE Ports	Port 1 to 4	Port 1 to 8	Ports 1 to 4	Hi-PoE	-	-	IEEE 802.3bt 60W	Surge Protection	6KV	6KV	6KV	Long range	-	-	Ports 3 and 4: up to 300 m	Port isolation	-	-	Ports 1 to 4: port isolation mode to improve network security	PoE watchdog	-	-	Ports 1 to 4: auto detect and restart the cameras that do not respond	Packet Forwarding Rate	3.6Mpps	4.2Mpps	3.5712 Mpps	Switching Capacity/ Backplane	8.8Gbps	8.8Gbps	4.8 Gbps	MAC Address Table	4K	4K	2 K	Managed Features	<table border="1"> <tr> <td>Quality of Service</td><td>-</td><td>-</td><td>-</td></tr> <tr> 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Managed Features	<table border="1"> <tr> <td>Quality of Service</td><td>-</td><td>-</td><td>-</td></tr> <tr> <td>L2 and L2+ Features</td><td>-</td><td>-</td><td>-</td></tr> <tr> <td>VLAN</td><td>-</td><td>-</td><td>-</td></tr> <tr> <td>Security</td><td>-</td><td>-</td><td>-</td></tr> <tr> <td>Management and Maintenance</td><td>-</td><td>-</td><td>-</td></tr> </table>	Quality of Service	-	-	-	L2 and L2+ Features	-	-	-	VLAN	-	-	-	Security	-	-	-	Management and Maintenance	-	-	-	DC:44-57VDC	48 to 57 VDC, 1.35 A Max																																																																																									
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Model	DS-3T0310HP-E/HS	DS-3T0506HP-E/HS	DS-3T0510HP-E/HS
Image	 NEW	 NEW	 NEW
Standards	Ports 1 and 2: IEEE 802.3af, IEEE 802.3at, IEEE 802.3bt Ports 3 to 8: IEEE 802.3af, IEEE 802.3at	Port 1: IEEE 802.3af, IEEE 802.3at, IEEE 802.3bt Ports 2 to 4: IEEE 802.3af, IEEE 802.3at	Ports 1 and 2: IEEE 802.3af, IEEE 802.3at, IEEE 802.3bt Ports 3 to 8: IEEE 802.3af, IEEE 802.3at
Ethernet Port	6 × 100M PoE ports, 2 × Hi-PoE port	3 × gigabit PoE ports, 1 × gigabit Hi-PoE port	6 × gigabit PoE RJ45 ports, 2 × gigabit Hi-PoE RJ45 ports
Uplink Port	1 × gigabit RJ45 port and 1 × gigabit SFP fiber optical port	2 × gigabit SFP fiber optical ports	2 × gigabit SFP fiber optical ports
High Priority Port (default)	-	-	-
PoE Budget	110 W	60 W	110 W
PoE Extend Mode	Max. 300 m	Max. 300 m	Max. 300 m
PoE Ports	Ports 1 to 8	Ports 1 to 4	Ports 1 to 8
Hi-PoE	IEEE 802.3bt 90W	IEEE 802.3bt 60W	IEEE 802.3bt 90W
Surge Protection	6KV	6KV	6KV
Long range	Ports 7 and 8: up to 300 m	Ports 3 and 4: up to 300 m	Ports 7 and 8: up to 300 m
Port isolation	Ports 1 to 8: port isolation mode to improve network security	Ports 1 to 4: port isolation mode to improve network security	Ports 1 to 8: port isolation mode to improve network security
PoE watchdog	Ports 1 to 8: auto detect and restart the cameras that do not respond	Ports 1 to 4: auto detect and restart the cameras that do not respond	Ports 1 to 8: auto detect and restart the cameras that do not respond
Packet Forwarding Rate	4.1664 Mpps	8.928 Mpps	14.88 Mpps
Switching Capacity/Backplane	5.6 Gbps	22 Gbps	20 Gbps
MAC Address Table	2 K	4 K	4 K
Quality of Service	-	-	-
L2 and L2+ Features	-	-	-
VLAN	-	-	-
Security	-	-	-
Management and Maintenance	-	-	-
Power Supply	48 to 57 VDC, 2.5 A Max	48 to 57 VDC, 1.35 A Max	48 to 57 VDC, 2.5 A Max
Power Requirements (max.)	120 W	65 W	120 W
Dimension	197 mm × 114.2 mm × 42.2 mm	158 mm × 101.2 mm × 31.6 mm	197 mm × 114.2 mm × 42.2 mm
Environment	Operating temperature / humidity: -30 °C to 65 °C [-22 °F to 149 °F], 5%-95% non-condensing Storage temperature / humidity: -40 °C to 85 °C [-40 °F to 185 °F], 5%-95% non-condensing	Operating temperature / humidity: -30 °C to 65 °C [-22 °F to 149 °F], 5%-95% non-condensing Storage temperature / humidity: -40 °C to 85 °C [-40 °F to 185 °F], 5%-95% non-condensing	Operating temperature / humidity: -30 °C to 65 °C [-22 °F to 149 °F], 5%-95% non-condensing Storage temperature / humidity: -40 °C to 85 °C [-40 °F to 185 °F], 5%-95% non-condensing
Protection Grade	-	-	-
EMI	FCC 47 CFR Part 15 Class A EN55022 Class A	FCC 47 CFR Part 15 Class A EN55022 Class A	FCC 47 CFR Part 15 Class A EN55022 Class A
EMS	IEC (EN)61000-4-2, Class 4 IEC (EN)61000-4-4, Class 2 IEC (EN)61000-4-5, Class 2 IEC (EN)61000-4-11, Class 4	IEC (EN)61000-4-2, Class 4 IEC (EN)61000-4-4, Class 2 IEC (EN)61000-4-5, Class 2 IEC (EN)61000-4-11, Class 4	IEC (EN)61000-4-2, Class 4 IEC (EN)61000-4-4, Class 2 IEC (EN)61000-4-5, Class 2 IEC (EN)61000-4-11, Class 4

Turbo HD Camera
 Turbo HD PTZ Camera
 DVRS Encoder Network Camera
 Panoramic Camera
 NVR KIT Thermal Monitor
 Switch Cable Controller & Transmission Accessories DORI Distance

Smart Managed Series

Model	DS-3E1105P-EI	DS-3E1309P-EI	DS-3E1318P-EI	DS-3E1326P-EI	DS-3E1510P-EI	
Image	 Coming Soon	 Coming Soon	 Coming Soon	 Coming Soon	 Coming Soon	
Interface	Ethernet Port	4 × 100Mbps PoE RJ45 ports	8 × 100Mbps PoE RJ45 ports	16 × 100Mbps PoE RJ45 ports	24 × 100Mbps PoE RJ45 ports	8 × gigabit PoE RJ45 ports
	Uplink Port	1 × 100Mbps network RJ45 port	1 × gigabit network RJ45 port	2 × gigabit combos	2 × gigabit combos	2 × gigabit fiber optical ports
	High Priority Port (default)	-	-	Ports 1 to 8	Ports 1 to 8	-
	PoE Standards	IEEE 802.3af, IEEE 802.3at	IEEE 802.3af, IEEE 802.3at	IEEE 802.3af, IEEE 802.3at	IEEE 802.3af, IEEE 802.3at	IEEE 802.3af, IEEE 802.3at
	PoE Ports	Ports 1 to 4	Ports 1 to 8	Ports 1 to 16	Ports 1 to 24	Ports 1 to 8
	PoE Budget	60 W	110 W	230 W	370 W	110 W
	Hi-PoE	-	-	-	-	-
	PoE Extend Mode	Max. 250 m	Max. 250 m	Max. 250 m	Max. 250 m	Max. 300 m
	Surge Protection	6KV	6KV	6KV	6KV	6KV
	Long range	Ports 1 to 4: up to 250 m transmission	Ports 1 to 8: up to 250 m transmission	Ports 1 to 16: up to 250 m transmission	Ports 1 to 24: up to 250 m transmission	Ports 1 to 8: up to 300 m transmission
Dialing function	Port isolation	-	-	-	-	-
	PoE watchdog	-	-	-	-	Ports 1 to 8: auto detect and restart the cameras that do not respond
	Packet Forwarding Rate	0.744 Mpps	2.6784 Mpps	5.3568 Mpps	6.5472 Mpps	14.88 Mpps
	Switching Capacity	1 Gbps	3.6 Gbps	7.2 Gbps	8.8 Gbps	20 Gbps
Performance	MAC Address Table	2 K	16 K	4 K	4 K	8 K
	Power Supply	48 VDC, 1.35 A	48 VDC, 2.5 A	100-240 VAC, 50/60Hz, Max. 2.5 A	100-240 VAC, 50/60Hz, Max. 6.5 A	48 VDC, 2.5 A
	Power Consumption	65 W	120 W	250 W	400 W	120 W
	Dimension	105 mm × 27.6 mm × 83.1 mm	170 mm × 27.6 mm × 93.1 mm	440 mm × 44 mm × 220.8 mm	440 mm × 44 mm × 221 mm	217.6 mm × 108.55 mm × 27.8 mm

Model	DS-3E1518P-EI	DS-3E1526P-EI	DS-3E1508-EI	DS-3E1516-EI	DS-3E1524-EI	
Image	 	 	 	 	 	
Interface	Ethernet Port	16 × gigabit PoE RJ45 ports	24 × gigabit PoE RJ45 ports	8 × gigabit fiber optical ports	16 × gigabit fiber optical ports	24 × gigabit fiber optical ports
	Uplink Port	2 × gigabit fiber optical ports	2 × gigabit fiber optical ports	-	-	-
	High Priority Port (default)	-	-	-	-	-
	PoE Standards	IEEE 802.3af, IEEE 802.3at	IEEE 802.3af, IEEE 802.3at	-	-	-
	PoE Ports	Ports 1 to 16	Ports 1 to 24	-	-	-
	PoE Budget	225 W	370 W	-	-	-
	Hi-PoE	-	-	-	-	-
	PoE Extend Mode	Max. 300 m	Max. 300 m	Max. 250 m	Max. 250 m	Max. 250 m
	Surge Protection	6KV	6KV	-	-	-
Dialing function	Long range	Ports 1 to 16: up to 300 m transmission	Ports 1 to 24: up to 300 m transmission	Ports 1 to 8: up to 250 m transmission	Ports 1 to 16: up to 250 m transmission	Ports 1 to 24: up to 250 m transmission
	Port isolation	-	-	-	-	-
	PoE watchdog	Ports 1 to 16: auto detect and restart the cameras that do not respond	Ports 1 to 24: auto detect and restart the cameras that do not respond	-	-	-
Performance	Packet Forwarding Rate	26.784 Mpps	36.688 Mpps	11.904 Mpps	23.808 Mpps	35.712 Mpps
	Switching Capacity	36 Gbps	52 Gbps	16 Gbps	32 Gbps	48 Gbps
	MAC Address Table	8 K	8 K	4 K	8 K	8 K
General	Power Supply	100 to 240 VAC, 50/60 Hz, Max. 4 A	100 to 240 VAC, 50/60 Hz, Max. 6.5 A	5 VDC, 1 A	220 VAC, 50/60 Hz, Max. 0.3 A	220 VAC, 50/60 Hz, Max. 0.7 A
	Power Consumption	250 W	400 W	5 W	10 W	13 W
	Dimension	440 mm × 220.8 mm × 44 mm	440 mm × 221 mm × 44 mm	170 mm × 27.6 mm × 93.1 mm	257 mm × 44.5 mm × 175.8 mm	335 mm × 44.5 mm × 175.8 mm

Turbo HD Camera PTZ Camera Camera Encoder Network Camera PTZ Dome Panoramic Camera NVR KIT Thermal Monitor Switch Cable Controller & Transmission Accessories DORI Distance

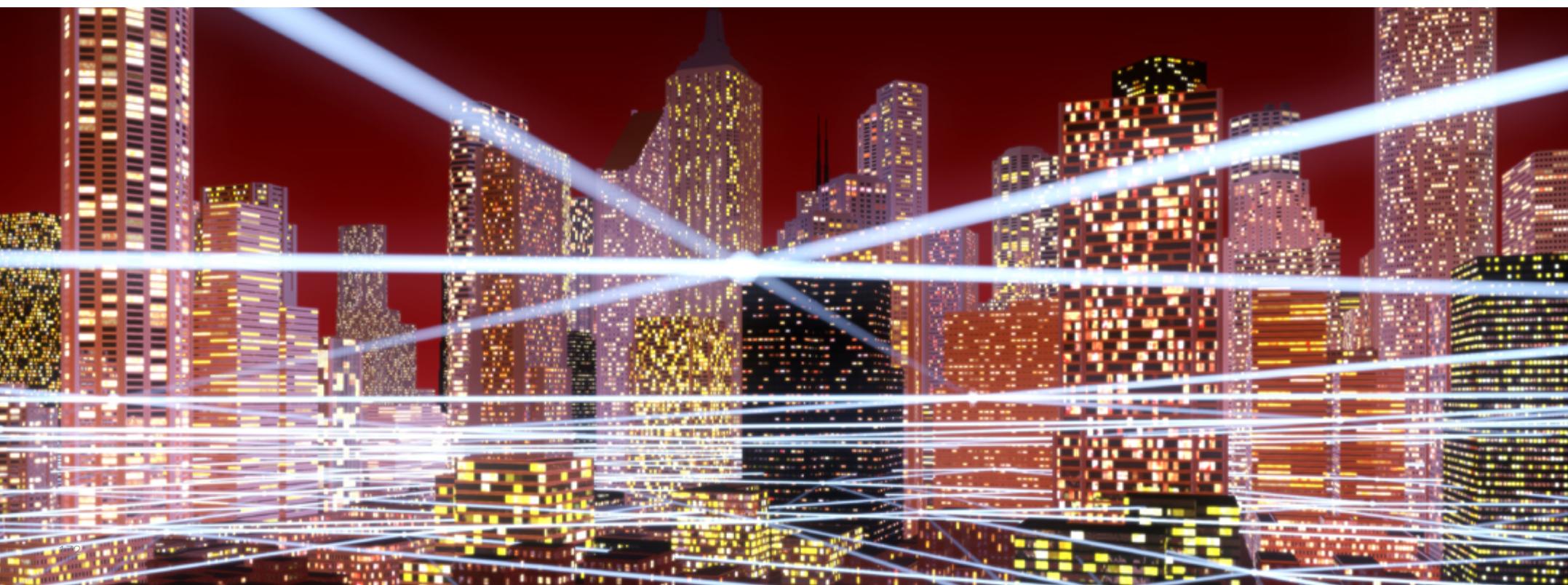
Switches

Value Series

Switch On and Stay On

Provide stable power supply and data transmission for cameras.

- Layer 2, 100 M / 1,000 M network switch
- Plug and play
- 802.3 af / at PoE standard (on select models)
- 8/4-core adaptable power supply drastically reduces power loss (on select models)
- EXTEND mode increases transmission distances to 300 m (on select models)
- Intelligent power sequencing prevents random power loss for cameras and prolongs service life of switches (on select models)
- Increased bandwidth enables stable transmission of larger amount of data



Economic Unmanaged POE Series

Model	DS-3E0105P-E/M(B)	DS-3E0106P-E/M	DS-3E0109P-E/M(B)	DS-3E0310P-E/M	DS-3E0318P-E/M(B)	DS-3E0326P-E/M(B)
Image	 NEW	 NEW	 NEW	 NEW	 NEW	 NEW
Interface	Ethernet Port	4 x 100M PoE ports, 1 x 100M Ethernet port.	4 x 10/100Mbps PoE ports	8 x 100 Mbps PoE ports, 1 x 100 Mbps Ethernet port	8 x 10/100Mbps PoE ports	16 x 100 Mbps PoE ports, 1 x 1000 Mbps RJ45 port
	Uplink Port	1 x 100M RJ45 uplink port	2 x 10/100Mbps RJ45 ports	1 x 100M RJ45 uplink port	2 x Gigabit RJ45 ports	1 x 1000M RJ45 uplink port and 1 x 1000 Mbps SFP fiber optical port
	High Priority Port (default)	Port 1 to 2	Port 1 to 2	Port 1 to 2	-	Port 1 to 8
	PoE Standards	IEEE 802.3af, IEEE 802.3at	IEEE 802.3af, IEEE 802.3at	IEEE 802.3af, IEEE 802.3at	IEEE 802.3af, IEEE 802.3at	IEEE 802.3af, IEEE 802.3at
	PoE Ports	Ports 1 to 4	Ports 1 to 4	Ports 1 to 8	Ports 1 to 8	Ports 1 to 16
	PoE Budget	35 W	35W	60 W	60 W	130 W
	Hi-PoE	-	-	-	-	-
	PoE Extend Mode	Max. 250 m	Max. 300 m	Max. 250 m	Max. 300 m	Max. 250 m
Dialing function	Lightning Protection	6 KV	6KV	6 KV	6KV	6 KV
	Long range	Ports 1 and 4: up to 250 m	Ports 1 and 4: up to 300 m	Ports 1 and 8: up to 250 m	Ports 1 and 8: up to 300 m	Ports 9 and 16: up to 250 m
	Port isolation	-	-	-	-	-
Performance	PoE watchdog	-	-	-	-	-
	Packet Forwarding Rate	0.744 Mpps	0.8928 Mpps	1.339 Mpps	4.1664 Mpps	5.356 Mpps
	Switching Capacity	1 Gbps	1.6 Gbps	1.8 Gbps	5.6 Gbps	7.2 Gbps
General	MAC Address Table	1 K	4K	2 K	16 K	4 K
	Power Supply	48 VDC, Max. 0.8 A	48V 0.8A	48 VDC, Max. 1.35 A	48 VDC, 1.35 A	100 to 240 VAC, 50/60 Hz, Max. 2.5 A
	Power Consumption	38 W	38W	65 W	65W	150 W
	Dimension	105 mm × 27.6 mm × 83.1 mm	145 mm × 68.45 mm × 25.6 mm	170 mm × 27.6 mm × 93.1 mm	217.6 mm × 103.35 mm × 27.8 mm	266 mm × 44.5 mm × 220.8 mm

Turbo HD Camera
 Turbo HD PTZ Camera
 DVRs Encoder
 Network Camera
 PTZ Dome Camera
 Panoramic Camera
 NVR
 KIT Thermal Monitor
Switch
 Cable Controller & Transmission
 Accessories DORI Distance

Unmanaged 1000M PoE Series

Model	DS-3E0505HP-E	DS-3E0510HP-E	DS-3E0520HP-E	DS-3E0528HP-E
Image	 NEW	 NEW	 NEW	 NEW
Interface	Ethernet Port 4 × Gigabit PoE ports Uplink Port 1 × Gigabit RJ45 port High Priority Port (default) - PoE Standards IEEE 802.3af, IEEE 802.3at PoE Ports Ports 1 to 4 PoE Budget 35 W Hi-PoE - PoE Extend Mode - Lightning Protection 6KV Long range -	8 × Gigabit PoE ports 1 × Gigabit RJ45 port, 1 × Gigabit SFP fiber optical port - IEEE 802.3af, IEEE 802.3at Ports 1 to 8 58 W - - 6KV - - Port isolation - PoE watchdog -	16 × Gigabit PoE ports 2 × Gigabit SFP fiber optical ports - IEEE 802.3af, IEEE 802.3at Ports 1 to 16 125 W - - 6KV - - Packet Forwarding Rate 7.44 Mpps	24 × Gigabit PoE ports 2 × Gigabit SFP fiber optical ports - IEEE 802.3af, IEEE 802.3at Ports 1 to 24 225 W - - 6KV - - Switching Capacity 10 Gbps MAC Address Table 2 K Power Supply 48 VDC, 0.8 A
Performance	Packet Forwarding Rate 14.88 Mpps Switching Capacity 20 Gbps MAC Address Table 4 K Power Supply 48 VDC, 1.35 A	26.784 Mpps 36 Gbps 8 K 100 to 240 VAC, 50/60 Hz, 2.5 A [Max]	38.688 Mpps 52 Gbps 8 K 100 to 240 VAC, 50/60 Hz, 4 A [Max]	
General	Power Consumption 38 W Dimension 105 mm × 27.6 mm × 83.1 mm	65 W 217.6 mm × 27.8 mm × 108.55 mm	150 W 440 mm × 44 mm × 220.8 mm	250 W 440 mm × 44 mm × 220.8 mm

Unmanaged Desktop Series

Model	DS-3E0105D-E	DS-3E0108D-E	DS-3E0505D-E	DS-3E0508D-E
Image	 NEW	 NEW	 NEW	 NEW
Interface	Ethernet Port 5 × 10/100 Mbps RJ45 ports Uplink Port - Lightning Protection - Packet Forwarding Rate 0.744 Mpps	8 × 10/100 Mbps RJ45 ports - - 1.1904 Mpps	5 × 10/100/1000 Mbps RJ45 ports - - 7.44 Mpps	8 × 10/100/1000 Mbps RJ45 ports - - 11.904 Mpps
Performance	Switching Capacity 1 Gbps MAC Address Table 1 K Power Supply 5 VDC, 0.6 A	1.6 Gbps 1 K 5 VDC, 0.6 A	10 Gbps 2 K 5 VDC, 0.6 A	16 Gbps 4 K 9 VDC, 0.6 A
General	Power Consumption - Dimension 82 mm × 52 mm × 22.4 mm	- 124 mm × 59 mm × 23.2 mm	- 92.8 mm × 65.8 mm × 22.8 mm	- 142 mm × 90 mm × 23 mm

Cables

176 Coaxial Cables

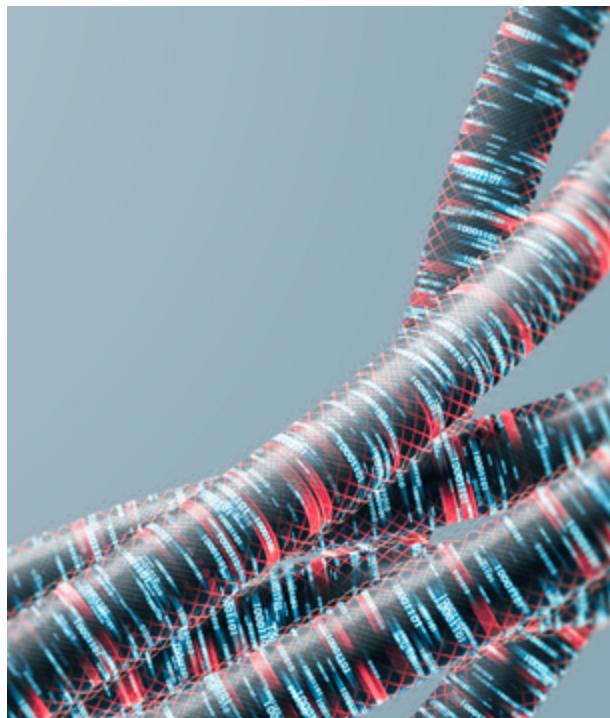
177 Network Cables



Cables

Coaxial Cables

- Excellent transmission performance for analog signal
- Oxygen-free copper conductor
- High braiding density with aluminum foil
- VW-1 Rating(Part of UL) flame resistance
- High anti-interference ability
- Full diameter and full length



Model	DS-1LC1SCA2C-200B		DS-1LC1SCA-200B
Image	 HOT		 HOT
Conductor	Material	Solid Copper	Solid Copper
	Wire Gauge	20AWG	20AWG
Insulation	Diameter	0.81 ± 0.01 mm	0.81 ± 0.01 mm
	Material	FPE	FPE
Tape	Diameter	3.66 ± 0.05 mm	3.66 ± 0.05 mm
	Material	Shielding Aluminum Foil, 15 mm width	Shielding Aluminum Foil, 15 mm width
Braid	Thickness	0.04 mm	0.04 mm
	Material	CCA(Copper-clad Aluminum)	CCA(Copper-clad Aluminum)
	Braiding Standard	8*16*0.12 mm	8*16*0.12 mm
	Braiding Density	95±1%	95±1%
Jacket	Material	PVC	PVC
	Average Thickness	≥ 0.65 mm	≥ 0.65 mm
Impedance	Diameter	6.10 ± 0.2 mm	6.10 ± 0.2 mm
		75 ohms	75 ohms
General			
Length	200 m		200 m
Color	Black		Black
Operating Temperature	-40 to 80°C		-40 to 80°C
Storage Temperature	-20 to 70°C		-20 to 70°C
Power Cable			
Conductor	Material	Solid copper	-
	Quantity	2	-
Insulation	Diameter	7 * 0.385 ± 0.01 mm	-
	Material	PE (Flame Retardant)	-
Jacket	Diameter	1.8 ± 0.1 mm	-
	Material	PVC	-
	Average Thickness	≥ 0.3 mm	-

Cables

Network Cables

- 99.95% Cu purity ensures higher conductivity with lower signal transmission attenuation
 - 0.565 mm wire diameter provides more stable transmission with reduced resistance
 - Flame-retardant sheathing resists fire, stretching, and aging
 - Precise twisting technology improves transmission fluidity



Model	DS-1LN5E-S	DS-1LN6-UU
Image	 • HOT	 • HOT
Test Standard	ISO/IEC11801,TIA-568-C.2, YD/T1019	ISO/IEC11801,TIA-568-C.2, YD/T1019
Conductor	Material	Solid-Bare Copper
	Nom.O.D.	0.500 ± 0.005 mm
Insulation	Material	HDPE
	Diameter	0.88 ± 0.03 mm
	Thickness	0.50 ± 0.05 mm
Sheath	External O.D.	5.0 ± 0.4 mm
	Surface	Clean,Frap,Satiation
	Material	PVC,CM
Core Color	Color	Multiple
		1 White- Blue /Blue 2 White-Orange /Orange 3 White- Green /Green 4 White- Brown /Brown
Packing	Wooden Tray & Carton	Wooden Tray & Carton
Carton Dimension	Per request	Per request
Packing Length	[305 ± 1.5] m	[305 ± 1.5] m
Rip-cord	Yes	Yes
		Before Aging Tensile Strength [Mpa] ≥13.5 Elongation[%] ≥150
		Aging Period[°C×hrs] 100°C×24h×10d
Sheath Physical Properties		Before Aging Tensile Strength [Mpa] ≥13.5 Elongation[%] ≥150
		Aging Period[°C×hrs] 100°C×24h×10d
	After Aging Tensile Strength [Mpa] ≥12.5 Elongation[%] ≥125	After Aging Tensile Strength [Mpa] ≥12.5 Elongation[%] ≥125
		Cold bend(-20±2°C×4h) 8×Cable O.D.,No visible cracks
Electrical Characteristics	1.0~100.0 MHz Impedance [Ω] 100±15	1.0~250.0MHz Impedance [Ω] 100±15
	1.0~100.0 MHz Delay Skew [ns/100m] ≤45	1.0~250.0 MHz Delay Skew [ns/100m] ≤45
	DC Resistance [Ω/100m] max 9.5	DC Resistance [Ω/100m] max 9.38
	DC Conductor Resistance Unbalance[%] max 5.0	DC Conductor Resistance Unbalance[%] max 5.0
Ambient temperature	-20°C to 75°C	20°C to 75°C

Model	DS-1LN5EU-G/CCA	DS-1LN6U-W/CCA	DS-1LN5E-E/E	DS-1LN6-UE-W	DS-1LN6U-G	DS-1LN5E0-UU/E
Image						
Test Standard	-	-	ISO/IEC11801, TIA-568-C.2, YD/T1019	ISO/IEC11801, TIA-568-C.2 , YD/T1019	ISO/IEC11801, ANSI/TIA-568-C.2, RoHS 2.0	ANSI/TIA-568-C.2
Conductor	Material	CCA(Copper content: 23%)	CCA(Copper content: 27%)	SOLID-Bare Copper	Solid-Bare Copper	Solid-Bare Copper
Insulation	Nom.O.D.	0.500 ± 0.01 mm	0.585 ± 0.01 mm	0.450 ± 0.005 mm	0.530 ± 0.005 mm	0.55 ± 0.005 mm
	Material	Solid HDPE	Solid HDPE	HDPE	HDPE	HDPE
Sheath	Diameter	0.95 ± 0.05 mm	1.05 ± 0.05 mm	0.82 ± 0.03 mm	0.95 ± 0.03 mm	0.98 ± 0.05 mm
	Thickness	0.50 ± 0.05 mm	0.50 ± 0.05 mm	0.50 ± 0.05 mm	0.55 ± 0.05 mm	0.50 ± 0.10 mm
Sheath	External O.D.	5.0 ± 0.2 mm	6.0 ± 0.30 mm	4.7 ± 0.4 mm	5.8 ± 0.4 mm	6.00 ± 0.30 mm
	Surface	Clean,Frap,Satiation	Clean,Frap,Satiation	Clean,Frap,Satiation	Clean,Frap,Satiation	Clean,Frap,Satiation
Core Color	Material	FR-PVC(complies RoHS)	FR-PVC(complies RoHS)	PVC,CM	PVC	PE
	Color	Gray RAL7037	White RAL9003	Grey ZLC1003	White	Grey
Packing	Core Color	1 Blue & White/ Blue 2 Orange & White/ Orange 3 Green & White/ Green 4 Brown & White/ Brown	1 Blue & White/ Blue 2 Orange & White/ Orange 3 Green & White/ Green 4 Brown & White/ Brown	1 White- Blue /Blue 2 White-Orange /Orange 3 White- Green /Green 4 White- Brown /Brown	1 White- Blue /Blue 2 White-Orange /Orange 3 White- Green /Green 4 White- Brown /Brown	1 White- Blue /Blue 2 White-Orange /Orange 3 White- Green /Green 4 White- Brown /Brown
	Carton Dimension	Carton	Carton	Wooden Tray & Carton	Wooden Tray & Carton	Wooden Tray & Carton
Packing Length	Per request	Per request	Per request	Per request	Per request	Per request
	(305 ± 1.5) m	(305 ± 1.5) m	(305 ± 1.5) m	(305 ± 1.5) m	(305 ± 1.5) m	(305±0.5)m
Rip-cord	Before Aging Tensile Strength [Mpa] ≥13.5 Elongation[%] ≥150	Before Aging Tensile Strength [Mpa] ≥13.5 Elongation[%] ≥150	Before Aging Tensile Strength [Mpa] ≥13.5 Elongation[%] ≥150	Before Aging Tensile Strength [Mpa] ≥13.5 Elongation[%] ≥150	Before Aging Tensile Strength [Mpa] ≥ 13.5 Elongation[%] ≥150	Before Aging Tensile Strength [Mpa] ≥ 10 Elongation[%] ≥300
	Aging Period[°C×hrs] 100°C×24h×7d	Aging Period[°C×hrs] 100°C×24h×7d	Aging Period[°C×hrs] 100°C×24h×10d	Aging Period[°C×hrs] 100°C×24h×10d	Aging Period[°C×hrs] 100°C×24h×10d	Aging Period[°C×hrs] 100°C×24h×10d
Sheath Physical Properties	After Aging Tensile Strength[Mpa] ≥12.5, variance ratio:±25% Elongation[%] ≥125, variance ratio:±20%	After Aging Tensile Strength[Mpa] ≥12.5, variance ratio:±25% Elongation[%] ≥125, variance ratio:±20%	After Aging Tensile Strength[Mpa] ≥12.5 Elongation[%] ≥125	After Aging Tensile Strength[Mpa] ≥12.5 Elongation[%] ≥125	After Aging Tensile Strength[Mpa] ≥12.5 Elongation[%] ≥125	After Aging Tensile Strength[Mpa] ≥12.5 Elongation[%] ≥125
	Cold bend[-20±2°C×4h] 8×Cable O.D.,No visible cracks	Cold bend[-20±2°C×4h] 8×Cable O.D.,No visible cracks	Cold bend[-20±2°C×4h] 8×Cable O.D., No visible cracks	Cold bend[-20±2°C×4h] 8×Cable O.D., No visible cracks	Cold bend[-20±2°C×4h] 8×Cable O.D., No visible cracks	Cold bend[-20±2°C×4h] 8×Cable O.D., No visible cracks
Electrical Characteristics	1.0-100.0 MHz Impedance[Ω] 100±15 100 - 250 MHz Impedance[Ω] 100±25	1.0-100.0 MHz Impedance[Ω] 100±15 100 - 250 MHz Impedance[Ω] 100±25	1.0-100.0 MHz Impedance[Ω] 100±15	1.0-250.0 MHz Impedance [Ω] 100 ± 15 @ ≤ 100 MHz ;100 ± 25 @100-250 MHz	1.0-250.0 MHz Impedance [Ω] 100 ± 15 @ ≤ 100 MHz ;100 ± 25 @100-250 MHz	1.0-100.0 MHz Impedance[Ω] 100±15
	1.0-100.0 MHz Delay Skew [ns/100m] ≤45	1.0-100.0 MHz Delay Skew [ns/100m] ≤45	1.0-100.0 MHz Delay Skew [ns/100m] ≤45	1.0-250.0 MHz Delay Skew [ns/100m] ≤45	1.0-250.0 MHz Delay Skew [ns/100m] ≤45	1.0-100.0MHz Delay Skew [ns/100m] 552
	DC Resistance[Ω/100m] max 15.3	DC Resistance[Ω/100m] max 12	DC Resistance[Ω/100m] max 14.8	DC Resistance [Ω/100m] max 9.38	DC Resistance [Ω/100m] max 9.38	DC Resistance[Ω/100m] max 9.5
	DC Conductor Resistance Unbalance[%] max 2	DC Conductor Resistance Unbalance[%] max 2	DC Conductor Resistance Unbalance[%] max 5.0	DC Conductor Resistance Unbalance [%] max 5.0	DC Conductor Resistance Unbalance [%]max 5.0	DC Conductor Resistance Unbalance [%]max 2.0
Ambient temperature	-20°C to 70°C	-20°C to 70°C	-20°C to 70°C	-20°C to 75°C	-20°C to 75°C	-20°C to 60°C

Controller & Transmission

180 Keyboards

182 Wireless Bridges



Controller & Transmission

Keyboards

Control at Your Fingertips

- Connection via network, RS485, or USB port
- PTZ control via joystick
- Access to Hikvision products, including DVRs, NVRs, IP cameras, Decoders, etc.



Model	DS-1006KI	DS-1005KI	DS-1200KI	DS-1100KI(B)	DS-1600KI(B)
Image					
System	Operating System	-	-	-	Android
	Compatible System	-	Window XP/7/8/8.1	-	-
	LCD screen	128 x 64 pixel screen	-	128 x 64 pixel screen	7" TFT LCD monitor with touch panel, Resolution: 1024 x 600
	Joystick	4-axis joystick	3-axis control, rotating zoom	4-axis joystick	4-axis joystick
	Control Mode	RS-232, RS-422, RS-485	-	Network, RS-232, RS-422, RS-485	IP-based
	Local Decoding	-	-	-	Local live view at 1080P/720P/HD1/BCIF/CIF/QCIF resolution, and up to 16-division window display
Interfaces	Audio Input	-	-	-	1-ch, 3.5 mm connector [2.0 Vp-p, 1 kΩ]
	Audio Output	-	-	-	1-ch, 3.5 mm connector [Linear, 560 Ω]
	Network Interface	-	-	1: 10 M/100 Mbps self-adaptive Ethernet interface	1 10M/100M/1000M Ethernet interface
	Wi-Fi	-	-	-	Supported
	Serial Interface	1 RS-232, 1 RS-422, 1 RS-485	-	1 RS-232, 1 RS-422, 1 RS-485	1 RS-232 interface, 1 RS-485 interface
	Video Interface	-	-	-	HDMI, DVI
General	USB Interface	1 × USB 2.0	1 × USB 2.0, DirectX	1 × USB 2.0	1 × USB2.0 (for data storage and device upgrade)
	Power Supply	12 VDC	5 VDC via USB	12 VDC	12 VDC /POE
	Power Consumption	≤ 4.5 W	≤ 5W	≤ 4.5 W	≤ 15W
	Working Temperature	-10 to +55° C (14 to 131° F)	-10°C - 55°C (14°F - 131°F)	-10 to +55° C (14 to 131° F)	-10°C - 55°C (14°F - 131°F)
	Working Humidity	10% to 90%	10%-90% (Non-condensing)	10% to 90%	10% - 90%
	Dimension (W × D × H)	435 × 193 × 110 mm	167×177.5×116mm	435 × 193 × 110 mm	404 × 180 × 163 mm
	Weight	≤ 1 kg (2.2 lb)	-	≤ 1 kg (2.2 lb)	2 kg (4.4 lb)
					1.7 kg

Wireless Bridges

Slick and Stylish Communications

Wireless Bridges create cordless communication between two or more networks.

- High performance 802.11n 2x2 MIMO chip
- TDMA, intelligent rate control, Auto ACK Time-out adjust
- Unique RF and antenna design
- Web-based operation selection makes installation and setup much easier



Model	DS-3WF0AC-2NT	DS-3WF01C-2N	DS-3WF01C-2N/0	DS-3WF02C-5N/0	DS-3WF03C
Image	 NEW		 NEW	 NEW	
Wireless	Standard	IEEE 802.11 b/g/n	IEEE802.11 b/g/n(2T2R 300Mbps)	IEEE 802.11 b/g/n	IEEE802.11 a/n
	Operation Frequency	2412-2472 MHz	2412 to 2472 MHz	2.4 GHz	5180-5825 MHz
	Modulation Mode	-	-	-	802.11 a/n: OFDM
	Antenna	Internal, Gain 8 dBi, Horizontal: 60° Vertical: 30°	Internal, 6dBi, H: 65° V: 60°	Internal, Gain: 12 dBi, Horizontal: 60° Vertical: 30°	Gain: 10 dBi, H: 60°, V: 16°
	Max Output Power	20 dBm	27dBm	27 dBm	27dBm
	Receive Sensitivity	-92±1.5 dBm@1 Mbps, -72±1.5 dBm@MSC7	-72dBm@65Mbps, -97dBm@1Mbps	-96±1.5 dBm@1 Mbps, -72±1.5 dBm@MCS7	-85 dBm@MCS0, -67 dBm@MCS7
	Max Transmission Rate	300 Mbps	11n: 300Mbps[HT40]/130Mbps[HT20] 11g: 54Mbps	150 Mbps	300 Mbps 11n: 300Mbps[HT40]/130Mbps[HT20] 11a: 54Mbps
	Power Supply	12 V/1 A passive PoE or 12 V/1 A DC	48V/0.25A PoE or 12 VDC	12 V/1 A Passive PoE	24 V/0.5 A Passive PoE
	Interface	10/100 M Base-TX × 1	3×10/100M Base-TX (Cat. 5/5E, RJ45) ports	10/100 Mbps Base-TX × 2	10/100 Mbps Base-TX × 2
	Operation Temperature	-30°C ~ 55°C (-22°F ~131°F)	-30°C to +65°C(-22°F to +149°F)	-30°C ~ 60°C (-22°F ~140°F)	-30°C ~75°C (-22°F ~167°F)
Hardware	Storage Temperature	-30°C ~ 55°C (-22°F ~131°F)	-40°C to +85°C(-40°F to +185°F)	-30°C ~ 70°C (-22°F ~158°F)	-40°C ~85°C (-40°F ~185°F)
	Operation Humidity	10% ~ 90% RH (non-condensing)	5% to 95%RH non-condensing	10% ~ 90% RH (non-condensing)	5% ~95%RH non-condensing
	Dimensions	193.5 mm × 80 mm × 67.5 mm	150 mm × 150 mm × 31.6 mm [5.9 × 5.9 × 1.24 inch]	270 mm × 94.86 mm × 67.5 mm	200 mm × 98.8 mm × 45.5 mm [7.9 × 3.9 × 1.8 in] 270 mm × 40 mm × 88 mm [10.6 × 1.57 × 3.46 inch]
	Encryption	WPA-PSK/WPA2-PSK	WPA-PSK/WPA2-PSK	WPA-PSK/WPA2-PSK	802.1x/WPA-PSK/WPA2-PSK
	Network Mode	-	Router/Bridge	-	Router/Bridge
	Operation Mode	-	-	-	Access Point, Station, WDS Access Point, WDS Station
	Security	IP/MAC filter, SSID hidden	IP/MAC filter, SSID hidden, Interface Isolation	IP/MAC filter, SSID hidden	IP/MAC filter, SSID hidden
	Network Protocol	TCP/UDP/ARP/ICMP/HTTP/NTP	TCP/UDP/ARP/ICMP/DHCP/HTTP/NTP	TCP/UDP/ARP/ICMP/HTTP/NTP	TCP/UDP/ARP/ICMP/DHCP/HTTP/NTP
	TDMA	-	Support (Extend private communication protocol)	Support (Extend private communication protocol)	Support (Avoid 802.11 hidden node problems, and improve point-to-multi-point performance)
	Auto ACK Timing Adjust	-	Support	-	Support
Controller & Transmission	Management and Logs	NTP, Syslog, SNMP	NTP, Syslog, Telnet, AC	NTP, Syslog, SNMP	NTP, Syslog, Telnet, AC
	Web Based Configuration	Support	Support	Support	Support
	Firmware Update	Support update firmware by Web page	Support update firmware by Web page	Support update firmware by Web page	Support update firmware by Web page
	Bandwidth	20 M/40 MHz	20M/40MHz	20 M/40 MHz	5M/10M/20M/40MHz

Turbo HD Camera
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 KIT Thermal Monitor
 Switch Monitor
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Accessories

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Accessories

Brackets and Housings



Turbo HD Analog Camera

Appearance	Model	Recommended brackets for Hikvision analog camera					
		Relevant brackets and housings					
		Indoor			Indoor housing		Outdoor housing
	DS-2CC12D9T-A DS-2CC12D9T-E						
	DS-2CE37U8T-A	DS-1299ZJ	DS-1280ZJ-XS	DS-1292ZJ	DS-1332HZ	DS-1330HZ	DS-1331HZ Series
		Pendant mount	Junction box	Wall mount	Indoor housing	Indoor housing	Outdoor housing
		Hik white Aluminum Alloy 77x77x198mm 165g	Hik white Aluminum Alloy Φ100 x 43.2 x 129mm 320g [Match up with DS-1299ZJ]	Hik white Aluminum alloy 70x97.1x217.9mm 201g	Hik white Aluminum alloy 288x149x100mm 800g	Hik white Complex fiber 290x142x92mm 640g	Hik white Aluminum alloy

Appearance	Model	Recommended brackets for Hikvision analog camera					
		Relevant brackets and housings--- Indoor/Outdoor					
	DS-2CE15A2P(N)-VFIR3						
	DS-2CC12A2P-ITS DS-2CE16C2T-ITS	DS-1275ZJ-SUS	DS-1280ZJ-S	DS-1260ZJ	DS-1276ZJ-SUS		
							
		Hik white Stainless steel 127x46x250mm Diameter of clamp: Φ67-127mm 1480g	Hik white Aluminum alloy Φ137 x 53.4 x 164.8mm 527g	Hik White Aluminum alloy Φ88.5 mm 251g	Hik white Stainless steel 126x105x250mm 2280g		

Appearance	Model	Appearance	Model	Appearance	Model	Appearance	Model
	DS-2CE16C0T-IR(F) DS-2CE16C2T-IR DS-2CE16D0T-IR(F)/E DS-2CE16D0T-13F DS-2CE16D3T-13F DS-2CE16D0T-12FD DS-2CE16D0T-12FB		DS-2CE16D0T-ITF(P)		DS-2CE10HFT-F		DS-2CE16H0T-IT1/3/5F(C)
	DS-2CE16C0T-IRP(F) DS-2CE16C2T-IRP DS-2CE16D0T-IRP(F)/E DS-2CE16D0T-IR(F)/C DS-2CE16D3T-IR(F)/C DS-2CE16D3T-13PF DS-2CE16D0T-12PFD DS-2CE16D0T-12FB		DS-2CE16D0T-IT1(P)(F)(E) DS-2CE16H5T-IT1(P)(E) DS-2CE16H0T-IT1(P)F		DS-2CE12D0T-PIRL(0) DS-2CE12H0T-PIRL(0) DS-2CE18U0T-IT3 DS-2CE12D0T-PIRL(0)		DS-2CE16D0T-IT1(F)/IT3(F)/IT5(F)/C
	DS-2CE16C2T-IT1/IT3		DS-2CE17U0T-IT		DS-2CE12DFT-F		DS-2CE17H0T-IT1/3/5F
	DS-2CC12D9T-IT3E/IT5E DS-2CE16C0T-IT1(F)/IT3(F)/IT5(F) DS-2CE16D0T-IT1(F)(E)/IT3(F)(E)/IT5(F)(E) DS-2CE16D8T-IT1(F)(E)/IT3(F)(E)/IT5(F)(E) DS-2CE16H5T-IT1(E)/IT3(E)/IT5(E) DS-2CE16H0T-IT1/3/5F(E)		DS-2CE11D0T-PIRL(P)(0) DS-2CE11H0T-PIRL(P)(0) DS-2CE11D0T-PIRL(P)(0)		DS-2CE12HFT-F		DS-2CE17D0T-IT1/3/5F DS-2CE17D0T-IT1/3/5
					DS-2CE16D0T-ITPF DS-2CE16H0T-ITPF(C) DS-2CE16D0T-EXIPF		DS-2CE12DFT-PIRXOF DS-2CE12D0T-PIRXOF
					DS-2CE16D0T-ITF DS-2CE16H0T-ITF(C) DS-2CE16D0T-EXIF		

Appearance	Model	Recommended brackets for Hikvision analog camera							
		Relevant brackets and housings--- Indoor/Outdoor							
	DS-1280ZJ-XS	Junction Box					Hik white Aluminum Alloy Ø100 x 43.2 x 129mm 320g		
	DS-2CE16C8T-IW3Z								
		DS-1293ZJ Wall mount Hik white Aluminum alloy 88x116.6x297.3mm 473g	DS-1275ZJ-SUS Vertical pole mount Hik white Stainless Steel 127x46x250mm Diameter of clamp: Ø67-127mm 1480g Match up with wall mount DS-1293ZJ-XX(B)	DS-1269ZJ Pendant mount Hik white Aluminum alloy 493x246x88mm 480g	DS-1233ZJ Column mount Hik white Steel Ø160 x 1093mm 6200g	DS-1232ZJ Cardan joint Hik white Steel 126x103.5x83mm 790	DS-1232ZJ-T Cardan joint Hik white Steel 96x95x92.5mm	DS-1276ZJ-SUS Corner mount Hik white Stainless Steel 126x105x250mm 2280g Match up with wall mount DS-1293ZJ-XX(B)	

Appearance	Model	Recommended brackets for Hikvision analog camera				
		Relevant brackets and housings--- Indoor/Outdoor				
	DS-2CC12D9T-AIT3ZE DS-2CE16D8T-(A)IT3Z(F) DS-2CE16D8T-IT3ZE					
	DS-2CE16H0T-(A)IT3ZF DS-2CE19H0T-(A)IT3ZF DS-2CE19ULT-(A)IT3ZF DS-2CE19U7T-(A)IT3ZF DS-2CE19D3T-(A)IT3ZF	DS-1275ZJ-SUS Vertical pole mount Hik white Stainless Steel 127x46x250mm Diameter of clamp: Ø67-127mm 1480g	DS-1280ZJ-S Junction box Hik white Aluminum alloy Ø137 x 53.4x 164.8mm 527g	DS-1276ZJ-SUS Corner mount Hik white Stainless Steel 126x105x250mm 2280g		
	DS-2CE16C2T-VFIR3 DS-2CE16D0T-VFIR3F/E					
	DS-2CE19U8T-(A)IT3Z					
	DS-2CE16C5T-AIT3Z					

Appearance	Model	Recommended brackets for Hikvision analog camera				
		Relevant brackets and housings--- Indoor/Outdoor				
	DS-2CE59U7T-(A)VPIT3ZF DS-2CE59H8T-(A)VPIT3ZF DS-2CE59U1T-(A)VPIT3ZF DS-2CE56D8T-(A)VPIT3Z(F)/(E)	 DS-1271ZJ-140 Pendant Mount Hik white Aluminum alloy Φ150×565mm 1900g	 DS-1273ZJ-140 Wall mount Hik white Aluminum alloy 140×183.5×232mm 703g	 DS-1273ZJ-140B Wall mount Hik white Aluminum alloy with junction box 140×243×292mm 1488g	 DS-1241ZJ In-ceiling mount Hik white Aluminum alloy Φ200×26.8mm 300g	 DS-1240ZJ Inclined ceiling mount Hik white Aluminum alloy Φ145×63mm 440g
	DS-2CC52D9T-AVPIT3ZE DS-2CE56HOT-(A)VPIT3Z(F)/(E) DS-2CE59U8T-(A)VPIT3Z	 DS-1275ZJ-SUS Vertical pole mount Hik white Stainless Steel 127×46×250mm Diameter of clamp: Φ67-127mm 1480g Match up with wall mount[DS-1273ZJ-XX(B)]	 DS-1276ZJ-SUS Corner mount Hik white Stainless Steel 126X105X250mm 2280g Match up with wall mount[DS-1273ZJ-XX(B)]	 DS-1253ZJ-L Rain shade Hik white Composite Fiber Φ225.1×98mm 198g Match up with wall mount[DS-1273ZJ-140]	 DS-1250ZJ Rain shade Hik white Composite Fiber 264.7*152*189.6 mm 199g	

Appearance	Model	Recommended brackets for Hikvision analog camera			
		Relevant brackets and housings--- Indoor			
	DS-2CE56H8T-[A]ITZF DS-2CE56U1T-[A]ITZF DS-2CE56DBT-[A]ITZF DS-2CE56D8T-ITZE				
		DS-1271ZJ-130	DS-1273ZJ-130	DS-1273ZJ-130B	DS-1249ZJ
		Pendant Mount	Wall mount	Wall mount	In-ceiling mount
		Hik white Aluminum alloy Ø150×565mm 1900g	Hik white Aluminum alloy 132×183.5×228.5mm 690g	Hik white Aluminum alloy with junction box 132×243×288.5mm 1475g	Hik white ABS plastic Ø169.4×14.6mm 60g
	DS-2CE56D8T-VFIR(F)/[E]	DS-1275ZJ-SUS	DS-1276ZJ-SUS	DS-1253ZJ-L	DS-1250ZJ
		Vertical pole mount	Corner mount	Rain shade	Rain shade
		Hik white Stainless Steel 127×46×250mm Diameter of clamp: Ø67-127mm 1480g Match up with wall mount[DS-1273ZJ-XX(B)]	Hik white Stainless Steel 126X105X250mm 2280g Match up with wall mount[DS-1273ZJ-XX(B)]	Hik white Composite fiber Ø225.1×98mm 198g Match up with wall mount[DS-1273ZJ-130]	Hik white Composite fiber 264.7*152*189.6 mm 199g

Turbo HD Camera	Turbo HD PTZ Camera	DVRs	Encoder	Network Camera	PTZ Dome Camera	Panoramic Camera	NVR	KIT	Thermal Monitor	Switch	Cable	Controller & Transmission	Accessories	DORI Distance
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Appearance	Model	Recommended brackets for Hikvision analog camera					
		Relevant brackets and housings--- Indoor					
	DS-2CE56D8T-VPIT(E)						
		DS-1258ZJ	DS-1271ZJ-110	DS-1272ZJ-110	DS-1272ZJ-110B	DS-1275ZJ-SUS	
		Inclined ceiling mount	Pendant mount	Wall mount	Wall mount	Vertical pole mount	
		Hik white ABS Plastic Ø111×39.2mm 200g	Hik white Aluminum alloy Ø150×560mm 1900g	Hik white Aluminum alloy 120×122×169mm 420g	Hik white Aluminum alloy with junction box 123×180×227.8mm 1205g	Hik white Stainless Steel 127×46×250mm Diameter of clamp: Ø67-127mm 1480g Match up with wall mount[DS-1272ZJ-XX(B)]	
	DS-2CE57UOT-VPITF						
	DS-2CE56C0T-VPIR						
		DS-1276ZJ-SUS	DS-1280ZJ-DM18	DS-1258ZJ	DS-1253ZJ-M	DS-1250ZJ	
		Corner mount	Junction box	Wall mount	Rain shade	Rain shade	
		Hik white Stainless Steel 126X105X250mm 2280g Match up with wall mount[DS-1272ZJ-XX(B)]	Hik white Aluminum alloy Ø115.4×43.8mm 450g	Hik white ABS plastic 120×111×161.5mm 200g	Hik white Composite fiber Ø191.1×76mm 133g Match up with wall mount[DS-1272ZJ-110]	Hik white Composite fiber 264.7*152*189.6 mm 199g	

Appearance	Model	Recommended brackets for Hikvision analog camera			
		Relevant brackets and housings--- Indoor/Outdoor			
 	<p>DS-2CE5AU1T-[A]VPIT3ZF DS-2CE5AU7T-[A]VPIT3ZF DS-2CE5AD8T-[A]VPIT3Z(F)/(E)</p>	 DS-1273ZJ-140-DM45 Wall mount Hik white Aluminum alloy Ø140×182×120mm	 DS-1271ZJ-140-DM45 Pendant mount Hik white Aluminum alloy Ø140×545mm	 DS-1275ZJ-SUS Vertical pole mount Hik white Stainless Steel 117×143×194mm(Diameter of clamp 67-127mm) 1480g Match up with wall mount(DS-1273ZJ-XX(B))	 DS-1276ZJ-SUS Corner mount Hik white Stainless Steel 158X173mm Match up with wall mount (DS-1273ZJ-XX(B))
	<p>DS-2CE5AHOT-[A]VPIT3ZF DS-2CE5AHOT-VPIT3ZE DS-2CE5AD3T-[A]VPIT3ZF DS-2CE5AH8T-[A]VPIT3ZF</p>	 DS-1281ZJ-DM45 Inclined ceiling mount Hik white Aluminum alloy Ø140×49mm	 DS-1280ZJ-DM45 Junction box Hik white Aluminum alloy 168×140×40mm	 DS-1253ZJ-L Rain shade Hik white Composite fiber Match up with wall mount(DS-1273ZJ-140-DM45)	

Appearance	Model	Recommended brackets for Hikvision analog camera								
		Relevant brackets and housings--- Indoor/Outdoor								
 DS-2CE5ADOT-VPIT3F DS-2CE5AD8T-VPIT3Z	 DS-1271ZJ-135 Pendant mount Hik white Aluminum alloy 150×150×565mm 1900g	 DS-1273ZJ-135 Wall mount Hik white Aluminum alloy 136×183.5×230mm 704g	 DS-1473ZJ-135B Wall mount with junction box Hik white Aluminum alloy with junction box 136×243×290mm 1490g	 DS-1275ZJ-SUS Vertical pole mount Hik white Stainless Steel 127×46×250mm Diameter of clamp: Ø67-127mm 1480g Match up with wall mount(DS-1273ZJ-135)	 DS-1276ZJ-SUS Corner mount Hik white Stainless Steel 126×105×250mm 2280g Match up with wall mount(DS-1273ZJ-135)	 DS-1227ZJ In-ceiling mount Hik white Aluminum alloy & ABS Plastic Ø210×90mm 540g	 DS-1280ZJ-DM21 Junction box Hik white Aluminum alloy 162×137×42mm 250g			
	 DS-1281ZJ-DM23 Inclined ceiling mount Hik white Aluminum alloy 136.3×136.3×48mm 245g	 DS-1253ZJ-L Rain shade Hik white Composite fiber Ø225.1×98mm 198g Match up with wall mount(DS-1273ZJ-135)	 DS-1250ZJ Rain shade Hik white Composite fiber 264.7×152×189.6 mm 199g	 DS-1258ZJ-L Wall mount Hik white Plastic 136×183×213mm 260g						

Appearance	Model	Recommended brackets for Hikvision analog camera						
		Relevant brackets and housings--- Indoor						
	DS-2CC52H1T-FITS							
		DS-1294ZJ	DS-1281ZJ-DM27	DS-1297ZJ	DS-1299ZJ	DS-1297ZJ-ES	DS-1297ZJ-M	
		Wall mount	Inclined ceiling mount	Pendant mount (extendable)	Pendant Mount	Pendant mount (extendable)	Pendant mount (extendable)	
		Hik white Toughened Plastic 223.9×80×125.8mm 450g	Hik white Plastic 111.8×40.5×108.3mm 45.8g	Hik white Aluminum alloy (Height 1000-2000mm)	Hik white Aluminum Alloy 77×77×198mm 165g	Hikvision White Aluminum Alloy Ø 97 mm × 270 mm to 400 mm (Ø 3.82" × 10.63" to 15.75") 500 g (1.10 lb.)	Hikvision White Aluminum Alloy Ø 120 mm × 650 mm to 1200 mm (Ø 4.72" × 25.59" to 47.24") 800 g (1.76 lb.)	

Appearance	Model	Recommended brackets for Hikvision analog camera		Appearance	Model	Recommended brackets for Hikvision analog camera	
		Relevant brackets and housings---Indoor/Outdoor				Relevant brackets and housings---Indoor/Outdoor	
	DS-2CE56C2T-IRM DS-2CE56COT-IRM[F] DS-2CE56D0T-IRM[F]				DS-2CC52C7T-VPIR		
		DS-1280ZJ-TR3	Junction box			DS-1274ZJ-DM28	Corner mount
	DS-2CE56D0T-IRM[F][C]		Hik white ADC12 Ø119.68 x 82.58 x 41.02mm 107g				Hik white Aluminum alloy 233×201×96mm

Appearance	Model	Recommended brackets for Hikvision analog camera			
		Relevant brackets and housings---Indoor/Outdoor			
	DS-2CE56HOT-ITPF DS-2CE76D3T-ITPF				
	DS-2CE76U1T-ITPF DS-2CE76U0T-ITPF DS-2CE76D0T-EXIPF				
	DS-2CE76D0T-ITPF	Wall mount	Vertical pole mount	Corner mount	Junction box
	DS-2CE56C0T-IR(P)(F) DS-2CE56C2T-IR(P)	Hik white Aluminum alloy 120×122×169mm 420g	Hik white Stainless Steel 127×46×250mm Diameter of clamp: Ø67-127mm 1480g Match up with wall mount[DS-1272ZJ-XX(B)]	Hik white Stainless Steel 126X105X250mm 2280g Match up with wall mount[DS-1272ZJ-XX(B)]	Hik white Aluminum Alloy Ø100 x 43.2 x 129mm 320g
	DS-2CE56D0T-IR(P)(F) DS-2CE56D0T-I2(P)FD DS-2CE56D0T-I2(P)FB				

Appearance	Model	Recommended brackets for Hikvision analog camera						
		Relevant brackets and housings--- Indoor/Outdoor						
	DS-2CS54A1P(N)-IRS DS-2CE56D8T-IRS							
	DS-1272ZJ-120	DS-1272ZJ-120B	DS-1271ZJ-120	DS-1275ZJ-SUS	DS-1276ZJ-SUS	DS-1282ZJ-DM[mini]	DS-1280ZJ-DM22	
	Wall mount	Wall mount	Pendant mount	Vertical pole mount	Corner mount	Gang box	Junction box	
	Hik white Aluminum alloy 120×122×173.5mm 430g	Hik white Aluminum alloy with junction box 123×180×223mm 1225g	Hik white Aluminum alloy Φ150×573mm 1900g	Hik white Stainless Steel 127×46×250mm Diameter of clamp: Φ67- 127mm 1480g Match up with wall mount[DS-1272ZJ-XX(B)]	Hik white Stainless Steel 126X105X250mm 2280g Match up with wall mount[DS-1272ZJ-XX(B)]	Hik white Plastic Φ120 mm	Hik white Aluminum alloy 164.8×137×53.4mm 520g	

Appearance	Model	Recommended brackets for Hikvision analog camera						
		Relevant brackets and housings--- Indoor/Outdoor						
	DS-2CE56C2T-IT1/IT3 DS-2CE56C5T-IT1/IT3							
	DS-1272ZJ-110	DS-1275ZJ-SUS	DS-1276ZJ-SUS	DS-1258ZJ	DS-1280ZJ-S	DS-1281ZJ-S	DS-1271ZJ-110	
	Hik white Aluminum alloy 120×122×169mm 420g	Hik white Stainless Steel 127×46×250mm Diameter of clamp: Φ67- 127mm 1480g Match up with wall mount [DS-1272ZJ-XX(B)]	Hik white Stainless Steel 126X105X250mm 2280g Match up with wall mount [DS-1272ZJ-XX(B)]	Hik white ABS plastic 120×111×161.5mm 200g Suitable for indoor	Hik white Aluminum alloy 137×53.4×164.8mm 527g	Hik white Aluminum alloy 137×56.5×147mm 472g	Hik white Aluminum alloy Φ150×560mm 1900g	

Turbo HD Camera	Turbo HD PTZ Camera	DVRs	Encoder	Network Camera	PTZ Dome Camera	Panoramic Camera	NVR	KIT	Thermal Monitor	Switch	Cable	Controller & Transmission	Accessories	DORI Distance
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Appearance	Model	Recommended brackets for Hikvision analog camera						
		Relevant brackets and housings---Indoor/Outdoor						
 	DS-2CE56C5T-VFIT3							
		DS-1273J-130-TRL	DS-1275J-SUS	DS-1276J-SUS	DS-1280J-M	DS-1281J-M	DS-1271J-130-TRL	
		Wall mount	Vertical pole mount	Corner mount	Junction box	Inclined ceiling mount	Pendant mount	
		Hik white Aluminum alloy 131×183.5×228.5mm 890g	Hik white Stainless Steel 127×46×250mm Diameter of clamp: Ø67-127mm 1480g Match up with wall mount(DS-1273J-XX[B])	Hik white Stainless Steel 126X105X250mm 2280g Match up with wall mount(DS-1273J-XX[B])	Hik white Aluminum alloy 157×184.8×53.4mm 621g	Hik white Aluminum alloy 157×165.7×61.8mm 586g	Hik white Aluminum alloy Ø150×567mm	
	DS-2CE56C2T-VFIR3 DS-2CE56DOT-VFIR3F/E							

Appearance	Model	Recommended brackets for Hikvision analog camera						
		Relevant brackets and housings---Indoor/Outdoor						
  	DS-2CE56D8T-IT3Z(F)(E)							
	DS-2CE79U7T-AIT3ZF DS-2CE79H8T-AIT3ZF							
								

Appearance	Model	Recommended brackets for Hikvision analog camera		
		Relevant brackets and housings---Indoor/Outdoor		
	DS-2CE78D3T-IT3F DS-2CE78H8T-IT1/3F DS-2CE78U1T-IT1/3F DS-2CE78U7T-IT1/3F DS-2CE78U0T-IT3F			
	DS-2CE56COT-IT1(F)/IT3(F) DS-2CE56DOT-IT1(F)(E)/IT3(F)(E) DS-2CE56H1T-IT1(E)/IT3(E) DS-2CC52D9T-IT3E DS-2CE56D8T-IT1(F)(E)/IT3(F)(E) DS-2CE56H5T-IT1(E)/IT3(E) DS-2CE56H0T-IT1/3(F)(E) DS-2CE56C5T-IT3	DS-1272ZJ-110-TRS Wall mount	DS-1275ZJ-SUS Vertical pole mount	DS-1276ZJ-SUS Corner mount
	DS-2CE78D0T-IT3FS	Hik white Aluminum alloy 110×120×120mm 420g	Hik white Stainless Steel 127×46×250mm Diameter of clamp: Ø67-127mm 1480g Match up with wall mount [DS-1272ZJ-XX(B)]	Hik white Stainless Steel 126×105×250mm 2280g Match up with wall mount [DS-1272ZJ-XX(B)]
	DS-2CE56D0T-IT1(F)/IT3(F)(C)			
	DS-2CE71D8T-PIRL(O) DS-2CE71D0T-PIRL(P)(O) DS-2CE71H0T-PIRL(P)(O)			
	DS-2CE78U8T-IT3	DS-1280ZJ-S	DS-1281ZJ-S	DS-1280ZJ-TR13
	DS-2CE72DFT-F	Junction box	Inclined ceiling mount	Junction box
	DS-2CE72HFT-F	Hik white Aluminum alloy 137×53.4×164.8mm 527g	Hik white Aluminum alloy 137×56.5×147mm 472g	Hikvision White Aluminum Alloy Ø 110 mm × 144.3 mm × 48 mm [Ø 4.33" × 5.68" × 1.89"] Approx. 187 g (0.41 lb.)
	DS-2CE72DFT-PIRXOF			

Appearance	Model	Relevant brackets and housings					
		Indoor		Indoor housing		Outdoor housing	
	DS-2CD2821G0						
		DS-1299ZJ	DS-1292ZJ	DS-1332HZ	DS-1330HZ	DS-1331HZ series	DS-1340HZ
		Pendant Mount	Wall mount	Indoor housing	Indoor housing	Outdoor housing	Outdoor housing
		Hik white Aluminum Alloy 77×77×198mm 165g	Hik white Aluminum alloy 70x97.1x217.9mm 201g	Hik white Aluminum alloy 288×149×100mm 800g	Hik white Complex fiber 290×142×92mm 640g	Hik white Aluminum alloy	Three-axis adjustment Containing combined wires and fan IK10

Appearance	Model	Appearance	Model	Appearance	Model
	DS-2CD2085FWD-I DS-2CD2055FWD-I DS-2CD2045FWD-I DS-2CD2035FWD-I DS-2CD2025F(H)WD-I DS-2CD208360-I DS-2CD206360-I DS-2CD204360-I DS-2CD202360-I		DS-2CD2065G1-I DS-2CD2085G1-I DS-2CD2021G1-(D)(W) DS-2CD2021G1-(D)(W)(B)		DS-2CD2026G2-I(U) DS-2CD2046G2-I(U) DS-2CD2086G2-I(U)
	DS-2CV2021G2-IDW DS-2CV2041G2-IDW DS-2CV2026G0-IDW DS-2CV2046G0-IDW		DS-2CD1T23G0-I DS-2CD1T43G0-I		DS-2CD1023G0-I DS-2CD1023G0E-I DS-2CD1023G0-IU DS-2CD1043G0-I DS-2CD1053G0-I

Appearance	Model	Appearance	Model	Relevant brackets and housings---Indoor/Outdoor
	DS-2CV1021G0-IDW1		DS-2CD2051G1-IDW1 DS-2CD2041G1-IDW1 DS-2CD2021G1-IDW1	 Junction box Hik white Aluminum Alloy Ø100 x 43.2 x 129mm 320g

Appearance	Model	Relevant brackets and housings				
		Indoor/Outdoor				
	DS-2CD1621G0-[I Z] DS-2CD1631G0-[I Z] DS-2CD1623G0-[I Z] DS-2CD1643G0-[I Z] DS-2CD1623G1-[I Z][SI] DS-2CD1653G0-[I Z]					
		DS-1260ZJ	DS-1280ZJ-S	DS-1275ZJ-SUS	DS-1276ZJ-SUS	DS-1275ZJ-S-SUS
		Junction box	Junction box	Vertical pole mount	Corner mount	Vertical pole mount
	DS-2CD2621G0-[I Z][SI]	Hikvision White Aluminum Alloy Ø88.5 mm 251g	Hik white Aluminum alloy Ø137 x 53.4x 164.8mm 527g	Hikvision White Stainless Steel 127 mm x 46 mm x 250 mm (5" x 1.81" x 9.84") 1480 g (3.26 lb.)	Hik white Stainless Steel 126x105x250mm 2280g	Hik white Stainless Steel 144 mm x 131.6 mm x 44.3 mm (5.67" x 5.18" x 1.74") 760 g (1.68 lb.) Match up with DS-1260ZJ

Appearance	Model	Relevant brackets and housings				
		Indoor/Outdoor				
	DS-2CD2047G1-L DS-2CD2027G1-L					
		302700579	302701533	302701678		
		Junction box	Vertical pole mount	Corner mount		
	Hik white Aluminum alloy Ø137 x 53.4x 164.8mm 527g		Hikvision White Stainless Steel 127 mm x 46 mm x 250 mm (5" x 1.81" x 9.84") 1480 g (3.26 lb.)		Hik white Stainless Steel 126x105x250mm 2280g	

Turbo HD Camera	Turbo HD PTZ Camera	DVRs	Encoder	Network Camera	PTZ Dome Camera	Panoramic Camera	NVR	KIT	Thermal Monitor	Switch	Cable	Controller & Transmission	Accessories	DORI Distance
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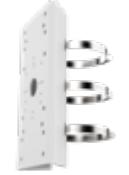
Appearance	Model	Relevant brackets and housings				
		Indoor/Outdoor				
	DS-2CD2626G2-Izs DS-2CD2646G2-Izs DS-2CD2686G2-Izs DS-2CD2685G0-Izs DS-2CD2665G0-Izs DS-2CD2685FWD-Izs DS-2CD2655FWD-Izs(B) DS-2CD2645FWD-Izs DS-2CD2635FWD-Izs DS-2CD2625FWD-Izs DS-2CD2625FWD-Izs DS-2CD2683G0-Izs DS-2CD2663G0-Izs DS-2CD2643G0-Izs DS-2CD2623G0-Izs					
	DS-2CD2626G2-Izs/SL DS-2CD2646G2-Izs/SL DS-2CD2686G2-Izs/SL	DS-1475ZJ-SUS Hik white Stainless Steel 250 mm × 127 mm × 46 mm Diameter of clamp: Ø67-127mm 1205g	DS-1476ZJ-SUS Hik white Stainless Steel 126×105×250mm 2280g	DS-1275ZJ-S-SUS Hik white Stainless Steel 144 mm × 131.6 mm × 44.3 mm [5.67" × 5.18" × 1.74"] 760 g [1.68 lb.]	DS-2551ZJ Column Mount	Hikvision White Alloy Ø 250 mm × 1570.08 mm (Ø 9.84" × 61.81") Approx. 3308 g (7.29 lb.)

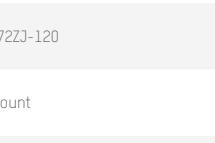
Appearance	Model	Relevant brackets and housings	
		Indoor/Outdoor	
	DS-2CD2085FWD-I DS-2CD2055FWD-I DS-2CD2045FWD-I DS-2CD2025FWD-I DS-2CD2043G0-I DS-2CD2023G0-I		DS-1280ZJ-XS[Black] Junction box
	DS-2CD2065G1-I DS-2CD2085G1-I		Hik Black Aluminum Alloy Ø100 x 43.2 x 129mm 320g

Appearance	Model	Relevant brackets and housings	
		Indoor/Outdoor	
	DS-2CD2685G0-Izs DS-2CD2665G0-Izs DS-2CD2685FWD-Izs DS-2CD2645FWD-Izs DS-2CD2635FWD-Izs DS-2CD2625FWD-Izs		DS-1475ZJ-SUS[Black] Vertical pole mount
			Hik Black Stainless Steel 250 mm × 127 mm × 46 mm Diameter of clamp: Ø67-127mm 1205g
Other brackets are the same as Hik white camera			

Appearance	Model	Relevant brackets and housings				
		Indoor/Outdoor				
	DS-2CD2T42WD-I3/I8 DS-2CD2T22WD-I3/I8 DS-2CD2T85FWD-I5/I8 DS-2CD2T55FWD-I5/I8 DS-2CD2T45FWD-I5/I8 DS-2CD2T35FWD-I5/I8 DS-2CD2T25FWD-I5/I8 DS-2CD2T25FHWD-I5/I8 DS-2CD2T83G0-I5/I8 DS-2CD2T63G0-I5/I8 DS-2CD2T43G0-I5/I8 DS-2CD2T23G0-I5/I8					
	DS-2CD2T85G1-I5/I8 DS-2CD2T65G1-I5/I8 DS-2CD2T26G1-2I/4I DS-2CD2T46G1-2I/4I	DS-1275ZJ-SUS	DS-1260ZJ	DS-1276ZJ-SUS	DS-1280ZJ-S	DS-1275ZJ-S-SUS
	DS-2CD2T26G2-ISU/SL DS-2CD2T46G2-ISU/SL DS-2CD2T86G2-ISU/SL	Vertical pole mount	Junction box	Corner mount	Junction box	Vertical pole mount
	DS-2CD2626G2T-Izs DS-2CD2646G2T-Izs DS-2CD2686G2T-Izs DS-2CD2685G1-Izs DS-2CD2665G1-Izs DS-2CD2645G1-Izs DS-2CD2625G1-Izs DS-2CD2646G1-Izs DS-2CD2626G1-Izs					
	DS-2CD2683G1-Izs DS-2CD2663G1-Izs DS-2CD2643G1-Izs DS-2CD2623G1-Izs	Hikvision White Stainless Steel 127 mm × 46 mm × 250 mm [5" × 1.81" × 9.84"] 1480 g [3.26 lb.]	Hikvision White Aluminum Alloy Ø88.5 mm 251g	Hik white Stainless Steel 126×105×250mm 2280g	Hik white Aluminum alloy Ø137×53.4×164.8mm 527g	Hik white Stainless Steel 144 mm × 131.6 mm × 44.3 mm [5.67" × 5.18" × 1.74"] 760 g [1.68 lb.] Match up with DS-1260ZJ
	DS-2CD2T46G1-4I/SL DS-2CD2T26G1-4I/SL					
	DS-2CD2T47G1-L DS-2CD2T27G1-L					

Turbo HD Camera	Turbo HD PTZ Camera	DVRs	Encoder	Network Camera	PTZ Dome Camera	Panoramic Camera	NVR	KIT	Thermal Monitor	Switch	Cable	Controller & Transmission	Accessories	DORI Distance
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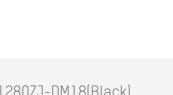
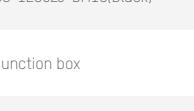
Appearance	Model	Relevant brackets and housings					
		Indoor/Outdoor					
	DS-2CD2T21GO-WS						
		DS-1296ZJ	DS-1292ZJ	DS-1203ZJ	DS-1297ZJ	DS-1214ZJ-T	DS-1275ZJ-SUS
		Wall mount	Wall mount	Pendant Mount	Pendant Mount	Horizontal pole mount	Vertical pole mount
		Hik white Plastic 70x79.1x196.5mm Included in the package	Hik white Aluminum alloy 70x97.1x217.9mm 201g	Hik white 70.4x84x200.5mm 220g	Hik white Aluminum Alloy Φ120x200mm 1035g	Hik white Steel(mounting board) & Stainless Steel(clamp) 194 mm x 117 mm x 138.5 mm [7.64" x 4.61" x 5.45"] 1900 g (4.19 lb.)	Hikvision White Stainless Steel 127 mm x 46 mm x 250 mm [5" x 1.81" x 9.84"] 1480 g (3.26 lb.) Match up with wall mount(DS- 1292ZJ-XX(B))
							
		DS-1276ZJ-SUS	DS-1232ZJ	DS-1232ZJ-T	DS-1297ZJ-ES	DS-1297ZJ-M	
		Corner mount	Cardan Joint	Cardan Joint	Pendant mount (extendable)	Pendant mount (extendable)	
		Hik white Stainless Steel 126x105x250mm 2280g Match up with wall mount(DS- 1292ZJ-XX(B))	Hik white Steel 126x103.5x83mm 790	Hik white Steel 96x95x92.5mm	Hikvision White Aluminum Alloy Φ 97 mm x 270 mm to 400 mm (Φ 3.82" x 10.63" to 15.75") 500 g (1.10 lb.)	Hikvision White Aluminum Alloy Φ 120 mm x 650 mm to 1200 mm (Φ 4.72" x 25.59" to 47.24") 800 g (1.76 lb.)	

Appearance	Model	Relevant brackets and housings			
		Indoor/Outdoor			
	 DS-2CD2555FWD-I(W)(S) DS-2CD2545FWD-I(W)(S) DS-2CD2535FWD-I(W)(S) DS-2CD2525FWD-I(W)(S) DS-2CD2525FHWD-I(W)(S) DS-2CD2563G0--I(W)(S) DS-2CD2543G0--I(W)(S) DS-2CD2523G0--I(W)(S)				
		DS-1272ZJ-120	DS-1271ZJ-120	DS-1276ZJ-SUS	DS-1280ZJ-DM46
		Wall mount	Pendant mount	Corner mount	Junction box
		Hik white Aluminum alloy 120×122×173.5mm 430g	Hik white Aluminum alloy Φ150×573mm 1900g	Hik white Stainless Steel 126X105X250mm 2280g Match up with wall mount[DS-1272ZJ-XX(B)]	Hik white Aluminum alloy Ø 120 mm × 37.2 mm [Ø 4.72" × 1.46"] 250g
					
		DS-1275ZJ-SUS	DS-1272ZJ-120B		
		Vertical pole mount	Wall mount		
		Hikvision White Stainless Steel 127 mm × 46 mm × 250 mm [5" × 1.81" × 9.84"] 1480 g (3.26 lb.) Match up with wall mount[DS-1272ZJ-XX(B)]	Hik white Aluminum alloy with junction box 123×180×223mm 1225g		

Appearance	Model	Relevant brackets and housings			
		Indoor/Outdoor			
	DS-2CD2T85FWD-I8 DS-2CD2T55FWD-I8 DS-2CD2T45FWD-I5/I8 DS-2CD2T35FWD-I8 DS-2CD2T25FWD-I5/I8				
		DS-1275J-SUS[Black] Vertical pole mount	DS-1260J[Black] Junction box	DS-1276ZJ-SUS[Black] Corner mount	DS-1280ZJ-S[Black] Junction box
	DS-2CD2T65G1-I5 DS-2CD2T85G1-I5	Hik Black Stainless Steel 127×46×250mm Diameter of clamp: Ø67-127mm 1480g	Hik Black Alloy Ø 88.5 mm × 36 mm [Ø 3.48" × 1.42"] Approx. 251 g (0.55 lb.)	Hik Black Stainless Steel 126×105×250mm 2280g	Hik Black Aluminum alloy Ø137 x 53.4x 164.8mm 527g
		Other brackets are the same as Hik white camera			

Appearance	Model	Relevant brackets and housings			
		Indoor/Outdoor			
	DS-2CD2545FWD-I(S) DS-2CD2525FWD-I(S) DS-2CD2563G0--I(S) DS-2CD2543G0--I(S) DS-2CD2523G0--I(S)				
		DS-1272J-120[Black] Wall mount	DS-1271J-120[Black] Pendant mount	DS-1276ZJ-SUS[Black] Corner mount	DS-1280ZJ-DM46[Black] Junction box
		Hik Black Aluminum alloy 120×122×173.5mm 430g	Hik Black Aluminum alloy Ø150×573mm 1900g	Hik Black Stainless Steel 126X105X250mm 2280g Match up with wall mount[DS-1272J-XX(B)]	Hik Black Aluminum alloy Ø 120 mm × 37.2 mm [Ø 4.72" × 1.46"] 250g Match up with wall mount[DS-1272J-XX(B)]
		Other brackets are the same as Hik white camera			

Appearance	Model	Relevant brackets and housings					
		Indoor/Outdoor(suitable for indoor)					
	DS-2CD1123G0-I DS-2CD1123G0E-I DS-2CD1143G0-I DS-2CD1153G0-I						
	DS-1259ZJ Inclined ceiling mount	DS-1271ZJ-110 Pendant mount	DS-1272ZJ-110 Wall mount	DS-1272ZJ-110B Wall mount	DS-1276ZJ-SUS Corner mount		
	DS-2CD1143G0E-[F]	Hik white ABS Plastic Ø111×39.2mm 200g	Hik white Aluminum alloy Ø150×560mm 1900g	Hik white Aluminum alloy 120×122×169mm 420g	Hik white Aluminum alloy with junction box 123×180×227.8mm 1205g	Hik white Stainless Steel 126×105×250mm 2280g Match up with wall mount(DS-1272ZJ-XX[B])	
	DS-2CD2121G0-[W][S] DS-2CD2165G0-[IS] DS-2CD2185FWD-[S] DS-2CD2155FWD-[IS] DS-2CD2145FWD-[IS] DS-2CD2135FWD-[IS] DS-2CD2125FWD-[IS] DS-2CD2125FHWD-[IS] DS-2CD2183G0-[IS] DS-2CD2163G0-[IS] DS-2CD2143G0-[IS] DS-2CD2123G0-[IS]						
	DS-1280ZJ-DM18 Junction box	DS-1258ZJ Wall mount	DS-1250ZJ Rain shade	DS-1275ZJ-SUS Vertical pole mount			
	Hik white Aluminum alloy Ø115.4×43.8mm 450g	Hik white ABS plastic 120×111×161.5mm 200g	Hik white Composite Fibre 264.7×152×189.6 mm 199g	Hikvision White Stainless Steel 127 mm × 46 mm × 250 mm (5" × 1.81" × 9.84") 1480 g (3.26 lb.) Match up with wall mount(DS-1272ZJ-XX[B])			

Appearance	Model	Relevant brackets and housings				
		Indoor/Outdoor(suitable for indoor)				
 DS-2CD2165G0-I DS-2CD2185FWD-I DS-2CD2155FWD-I DS-2CD2145FWD-(IS) DS-2CD2125FWD-I DS-2CD2183G0-(IS) DS-2CD2163G0-(IS) DS-2CD2143G0-(IS) DS-2CD2123G0-(IS)	 DS-1259ZJ[Black] Inclined ceiling mount	 DS-1271ZJ-110[Black] Pendant mount	 DS-1272ZJ-110[Black] Wall mount	 DS-1272ZJ-110B[Black] Wall mount	 DS-1276ZJ-SUS[Black] Corner mount	 Hik Black ABS Plastic Ø111×39.2mm 200g
	 DS-1280ZJ-DM18[Black] Junction box	 DS-1258ZJ[Black] Wall mount	 DS-1250ZJ[Black] Rain shade	 DS-1275ZJ-SUS[Black] Vertical pole mount	 Hik Black Stainless Steel 126×105×250mm 2280g Match up with wall mount[DS-1272ZJ-XX(B)]	 Hik Black Aluminum alloy Ø115.4×43.8mm 450g

Appearance	Model	Relevant brackets and housings						
		Indoor/Outdoor						
	DS-2CD2146G1-(S) DS-2CD2126G1-(S)							
		DS-1272ZJ-120	DS-1272ZJ-120B	DS-1271ZJ-120	DS-1276ZJ-SUS	DS-1275ZJ-SUS	DS-1253ZJ-M	Rain Shade for Outdoor Dome Camera
		Wall mount	Wall mount	Pendant mount	Corner mount	Vertical pole mount		
	DS-2CD2123G0-IU DS-2CD2143G0-IU DS-2CD2163G0-IU DS-2CD2183G0-IU	Hik white Aluminum alloy 120×122×173.5mm 430g	Hik white Aluminum alloy with junction box 123×180×223mm 1225g	Hik white Aluminum alloy Ø150×573mm 1900g	Hik white Stainless Steel 126X105X250mm 2280g Match up with wall mount[DS-1272ZJ-XX(B)]	Hikvision White Stainless Steel 127 mm × 46 mm × 250 mm (5" × 1.81" × 9.84") 1480 g (3.26 lb.) Match up with wall mount[DS-1272ZJ-XX(B)]		
		DS-2CD2126G2-(S/U) DS-2CD2146G2-(S/U)					Hikvision White PP+30%GF Ø191.1×76mm 133g	

Appearance	Model	Relevant brackets and housings						
		Indoor/Outdoor						
	DS-2CD2185G0-IMS DS-2CD2125G0-IMS							
		DS-1272ZJ-120-TR15	DS-1272ZJ-120B	DS-1271ZJ-120	DS-1276ZJ-SUS	DS-1275ZJ-SUS	DS-1253ZJ-M	Rain Shade for Outdoor Dome Camera
		Hikvision White Aluminium Alloy 120 mm × 122 mm × 173 mm (4.72" × 4.80" × 6.81") Approx. 460 g (1.01 lb.)	Hik white Aluminum alloy with junction box 123×180×223mm 1225g	Hik white Aluminum alloy Ø150×573mm 1900g	Hik white Stainless Steel 126X105X250mm 2280g Match up with wall mount[DS-1272ZJ-XX(B)]	Hikvision White Stainless Steel 127 mm × 46 mm × 250 mm (5" × 1.81" × 9.84") 1480 g (3.26 lb.) Match up with wall mount[DS-1272ZJ-XX(B)]		

Appearance	Model	Relevant brackets and housings					
		Indoor/Outdoor(suitable for indoor)					
 DS-2CD1723G0-I(Z) DS-2CD1743G0-I(Z) DS-2CD1753G0-I(Z)	 DS-1271ZJ-135 Pendant mount Hik white Aluminum alloy 150×150×565mm 1900g	 DS-1273ZJ-135 Wall mount Hik white Aluminum alloy 136×183.5×230mm 704g	 DS-1473ZJ-135B Wall mount with junction box Hik white Aluminum alloy with junction box 136×243×290mm 1490g	 DS-1275ZJ-SUS Vertical pole mount Hikvision White Stainless Steel 127 mm × 46 mm × 250 mm [5" × 1.81" × 9.84"] 1480 g (3.26 lb.) Match up with wall mount(DS-1273ZJ-XX[B])	 DS-1276ZJ-SUS Corner mount Hik white Stainless Steel 126X105X250mm 2280g Match up with wall mount(DS-1273ZJ-XX[B])	 DS-1227ZJ In-ceiling mount Hik white Aluminum alloy & ABS Plastic Ø210×90mm 540g Match up with D20-AP for 17XX models	
	 D20-AP	 DS-1280ZJ-DM21	 DS-1281ZJ-DM23	 DS-1253ZJ-L	 DS-1250ZJ	 DS-1258ZJ-L	
	Adapter Plate Hik white Match up with DS-1227ZJ for 17XX models	Junction box Hik white Aluminum alloy 162×137×42mm 250g	Inclined ceiling mount Hik white Aluminum alloy 136.3×136.3×48mm 245g	 Hik white Composite Fibre Ø225.1×98mm 198g Match up with wall mount(DS-1273ZJ-135)	 Hik white Composite Fibre 264.7×152×189.6 mm 199g	 Hik white Plastic 136×183×213mm 260g	

Appearance	Model	Relevant brackets and housings					
		Indoor/Outdoor					
 	DS-2CD2785G0-Izs DS-2CD2765G0-Izs DS-2CD2785FWD-Izs DS-2CD2755FWD-Izs(B) DS-2CD2745FWD-Izs DS-2CD2735FWD-Izs DS-2CD2725FWD-Izs DS-2CD2783G0-Izs DS-2CD2763G0-Izs DS-2CD2743G0-Izs DS-2CD2723G0-Izs DS-2CD2726G2-Izs DS-2CD2746G2-Izs DS-2CD2786G2-Izs	 DS-1471ZJ-155	 DS-1473ZJ-155	 DS-1475ZJ-SUS	 DS-1473ZJ-155B	 DS-1476ZJ-SUS	 DS-1227ZJ-DM37
							Pendant Mount
		Hik white Aluminum alloy Φ155×150×565mm	Hik white Aluminum alloy 155×183.5×240mm	Hik white Stainless Steel 250 mm × 127 mm × 46 mm Diameter of clamp: Φ67-127mm 1205g Match up with wall mount(DS-1473Z-XX(B))	Hik white Aluminum alloy 243×123×300mm 1750 g (3.86 lb.)	Hik white Stainless Steel 126X105X250mm 2280g Match up with wall mount(DS-1473Z-XX(B))	Hik white Steel and Plastic Ø 225 mm × 98.2 mm (8.86" × 3.87") 700 g (1.54 lb.)
							In-Ceiling Mount

Appearance	Model	Relevant brackets and housings						
		Indoor/Outdoor						
	DS-2CD2785G0-Izs DS-2CD2765G0-Izs DS-2CD2785FWD-Izs DS-2CD2745FWD-Izs DS-2CD2735FWD-Izs DS-2CD2725FWD-Izs	 DS-1471ZJ-155(Black)	 DS-1473ZJ-155(Black)	 DS-1475ZJ-SUS(Black)	 DS-1473ZJ-155B(Black)		Other brackets are the same as Hik white camera	
						Pendant Mount		
		Hik Black Aluminum alloy Φ155×150×565mm	Hik Black Aluminum alloy 155×183.5×240mm	Hik white Stainless Steel 250 mm × 127 mm × 46 mm Diameter of clamp: Φ67-127mm 1205g Match up with wall mount(DS-1473Z-XX(B))	Hik Black Aluminum alloy 243×123×300mm 1750 g (3.86 lb.)			

Appearance	Model	Relevant brackets and housings						
		Indoor/Outdoor						
	DS-2CD2785G1-I(Z)(S) DS-2CD2765G1-I(Z)(S) DS-2CD2745G1-I(Z)(S) DS-2CD2725G1-I(Z)(S) DS-2CD2783G1-I(Z)(S) DS-2CD2763G1-I(Z)(S) DS-2CD2743G1-I(Z)(S) DS-2CD2723G1-I(Z)(S) DS-2CD2746G1-I(Z)(S) DS-2CD2726G1-I(Z)(S)							
	DS-2CD2721G0-I(Z)(S)	DS-1471ZJ-155 Hik white Aluminum alloy Ø155×150×565mm	DS-1473ZJ-155 Hik white Aluminum alloy 155×183.5×240mm	DS-1475ZJ-SUS Hik white Stainless Steel 250 mm × 127 mm × 46 mm Diameter of clamp: Ø67-127mm 1205g Match up with wall mount[DS-1473Z-XX(B)]	DS-1280ZJ-DM55 Hikvision White Aluminum Alloy Ø 155 mm × 36 mm [Ø 6.1" × 1.42"] 300 g (0.66 lb.)	DS-1473ZJ-155B Hik white Aluminum alloy 243×123×300mm 1750 g (3.86 lb.)	DS-1476ZJ-SUS Hik white Stainless Steel 126X105X250mm 2280g Match up with wall mount[DS-1473Z-XX(B)]	DS-1227ZJ-DM44 Hikvision White SECC, PC&ABS Ø 256.1 mm × 75.9 mm [Ø 10.08" × 2.99"] Approx. 608.5 g (1.34 lb.)

Appearance	Model	Relevant brackets and housings						
		Indoor/Outdoor						
	DS-2CD2783G1-I(Z)(S) DS-2CD2763G1-I(Z)(S) DS-2CD2743G1-I(Z)(S) DS-2CD2723G1-I(Z)(S)							Other brackets are the same as Hik white camera

Appearance	Model	Relevant brackets and housings						
		Indoor						
 DS-2CD2935FWD-IS	 DS-1294ZJ		 DS-1281ZJ-DM27	 DS-1297ZJ	 DS-1299ZJ	 DS-1297ZJ-ES	 DS-1297ZJ-M	
		Wall mount	Inclined ceiling mount	Pendant mount (extendable)	Pendant Mount	Pendant mount (extendable)	Pendant mount (extendable)	
		Hik white Toughened Plastic 223.9×80×125.8mm 450g	Hik white Plastic 111.8×40.5×108.3mm 45.8g	Hik white Aluminum alloy (Height 1000-2000mm)	Hik white Aluminum Alloy 77×77×198mm 165g	Hikvision White Aluminum Alloy Φ 97 mm × 270 mm to 400 mm (Φ 3.82" × 10.63" to 15.75") 500 g (1.10 lb.)	Hikvision White Aluminum Alloy Ø 120 mm × 650 mm to 1200 mm (Ø 4.72" × 25.59" to 47.24") 800 g (1.76 lb.)	

Appearance	Model	Relevant brackets and housings						
		Indoor/Outdoor						
 DS-2CD238360-IU	 DS-1273ZJ-130-TRL		 DS-1275ZJ-SUS	 DS-1276ZJ-SUS	 DS-1280ZJ-DM8	 DS-1281ZJ-M	 DS-1271ZJ-130-TRL	 DS-1273ZJ-130B-TRL
		Wall mount	Vertical pole mount	Corner mount	Junction box	Inclined ceiling mount	Pendant mount	Wall mount
		Hik white Aluminum alloy 131×183.5×228.5mm 890g	Hikvision White Stainless Steel 127 mm × 46 mm × 250 mm [5" × 1.81" × 9.84"] 1480 g (3.26 lb.) Match up with wall mount[DS-1273ZJ-XX(B)]	Hik white Stainless Steel 126X105X250mm 2280g Match up with wall mount[DS-1273ZJ-XX(B)]	Hik white Aluminum alloy Ø126.7mm×35mm Approx.: 210 g (0.46 lb.)	Hik white Aluminum alloy 157×165.7×61.8mm 586g	Hikvision white Aluminum alloy Ø150×567mm	Hikvision White Aluminum Alloy Ø 132 mm × 242.9 mm × 288.5mm (5.20" × 9.56" × 11.36") 1690 g (3.73 lb.)

Appearance	Model	Relevant brackets and housings					
		Indoor/Outdoor					
	DS-2CD2385FWD-I DS-2CD2355FWD-I DS-2CD2345FWD-I DS-2CD2325FWD-I DS-2CD2383G0-(I/U) DS-2CD2363G0-(I/U) DS-2CD2343G0-(I/U) DS-2CD2323G0-(I/U)DS-2CD2821G0	 DS-1273ZJ-130-TRL[Black] Wall mount	 DS-1275ZJ-SUS[Black] Vertical pole mount	 DS-1276ZJ-SUS[Black] Corner mount	 DS-1280ZJ-DM8[Black] Junction box	 DS-1281ZJ-M[Black] Inclined ceiling mount	 DS-1271ZJ-130-TRL[Black] Pendant mount
		Hik Black Aluminum alloy 131×183.5×228.5mm 890g	Hik Black Stainless Steel 250 mm × 127 mm × 46 mm Diameter of clamp: Ø67-127mm 1480g Match up with wall mount[DS-1273ZJ-J-XX(B)]	Hik Black Stainless Steel 126×105×250mm 2280g Match up with wall mount[DS-1273ZJ-J-XX(B)]	Hik Black Aluminum alloy Ø126.7mm×35mm	Hik Black Aluminum alloy 157×165.7×61.8mm 586g	Hik Black Aluminum alloy Ø150×567mm
		Other brackets are the same as Hik white camera					

Appearance	Model	Relevant brackets and housings					
		Indoor/Outdoor					
	DS-2CD2346G1-I(SL) DS-2CD2326G1-I(SL) DS-2CD2326G2-ISU/SL DS-2CD2346G2-ISU/SL DS-2CD2386G2-ISU/SL						
	DS-2CD2326G2-II(U) DS-2CD2346G2-II(U) DS-2CD2386G2-II(U)	DS-1271ZJ-140	DS-1273ZJ-140	DS-1280ZJ-DM21	DS-1275ZJ-SUS	DS-1276ZJ-SUS	DS-1273ZJ-140B
	DS-2CD2385G1-I DS-2CD2365G1-I	Pendant Mount	Wall mount	Junction box	Vertical pole mount	Corner mount	Wall mount
	DS-2CD2H25G1-I(Z)S DS-2CD2H45G1-I(Z)S DS-2CD2H65G1-I(Z)S DS-2CD2H85G1-I(Z)S DS-2CD2H23G1-I(Z)S DS-2CD2H43G1-I(Z)S DS-2CD2H63G1-I(Z)S DS-2CD2H83G1-I(Z)S	Hik white Aluminum alloy Φ150×565mm 1900g	Hik white Aluminum alloy 140×183.5×232mm 703g	Hik white Aluminum alloy 162×137×42mm 250g	Hik white Stainless Steel 127×46×250mm Diameter of clamp: Φ67-127mm 1480g Match up with wall mount(DS-1273ZJ-XX(B))	Hik white Stainless Steel 126×105×250mm 2280g Match up with wall mount(DS-1273ZJ-XX(B))	Hik white Aluminum alloy with junction box 140×243×292mm 1488g
	DS-2CD2347G1-L DS-2CD2347G1-LU DS-2CD2327G1-L DS-2CD2327G1-LU						

Appearance	Model	Relevant brackets and housings				
		Indoor/Outdoor				
	DS-2CD2385G1-I DS-2CD2365G1-I					
		DS-1271ZJ-140[Black] Hik Black Aluminum alloy Φ150×565mm 1900g	DS-1273ZJ-140[Black] Hik Black Aluminum alloy 140×183.5×232mm 703g	DS-1280ZJ-DM21[Black] Hik Black Aluminum alloy 162×137×42mm 250g	DS-1275ZJ-SUS[Black] Hik Black Stainless Steel 250 mm × 127 mm × 46 mm Diameter of clamp: Φ67-127mm 1480g Match up with wall mount(DS-1273ZJ-XX(B))	DS-1276ZJ-SUS[Black] Hik Black Stainless Steel 126X105X250mm 2280g Match up with wall mount(DS-1273ZJ-XX(B))
						Other brackets are the same as Hik white camera

Appearance	Model	Relevant brackets and housings						
		Indoor/Outdoor						
	DS-2CD2321G0-I/NF							
		DS-1272ZJ-110 Hik white Aluminum alloy 120×122×169mm 420g	DS-1275ZJ-SUS Hikvision White Stainless Steel 127 mm × 46 mm × 250 mm [5" × 1.81" × 9.84"] 1480 g (3.26 lb.) Match up with wall mount [DS-1272ZJ-110(B)]	DS-1276ZJ-SUS Hik white Stainless Steel 126X105X250mm 2280g Match up with wall mount [DS-1272ZJ-110(B)]	DS-1280ZJ-S Hik white Aluminum alloy 137×53.4×164.8mm 527g	DS-1281ZJ-S Hik white Aluminum alloy 137×56.5×147mm 472g	DS-1271ZJ-110 Hik white Aluminum alloy Φ150×560mm 1900g	DS-1272ZJ-110B Hik white Aluminum alloy with junction box 123×180×227.8mm 1205g

Appearance	Model	Relevant brackets and housings						
		Indoor/Outdoor						
	DS-2CD2H85FWD-Izs DS-2CD2H55FWD-Izs(B) DS-2CD2H45FWD-Izs DS-2CD2H35FWD-Izs DS-2CD2H25FWD-Izs DS-2CD2H25FHWD-Izs DS-2CD2H8360-Izs DS-2CD2H6360-Izs DS-2CD2H4360-Izs DS-2CD2H2360-Izs	 DS-1473J-135 Wall mount Hik white Aluminum alloy 136×183.5×230mm 704g	 DS-1471J-135 Pendant mount Hik white Aluminum alloy 150×150×565mm 1900g	 DS-1281J-DM23 Inclined ceiling mount Hik white Aluminum alloy 136.3×136.3×48mm 245g	 DS-1475J-SUS Vertical pole mount Hik white Stainless Steel 250 mm × 127 mm × 46 mm Diameter of clamp: Ø67-127mm 1205g Match up with wall mount(DS-1473J-XX(B))	 DS-1476J-SUS Corner mount Hik white Stainless Steel 126X105X250mm 2280g Match up with wall mount(DS-1473J-XX(B))	 DS-1473J-135B Wall mount with junction box Hik white Aluminum alloy with junction box 136×243×290mm 1490g	

Appearance	Model	Relevant brackets and housings				
		Indoor/Outdoor				
	DS-2CD2H85FWD-Izs DS-2CD2H45FWD-Izs DS-2CD2H35FWD-Izs DS-2CD2H25FWD-Izs	 DS-1473J-135(Black) Wall mount Hik Black Aluminum alloy 136×183.5×230mm 704g	 DS-1471J-135(Black) Pendant mount Hik Black Aluminum alloy 150×150×565mm 1900g	 DS-1281J-DM23(Black) Inclined ceiling mount Hik Black Aluminum alloy 136.3×136.3×48mm 245g	 DS-1475J-SUS(Black) Vertical pole mount Hik Black Stainless Steel 250 mm × 127 mm × 46 mm Diameter of clamp: Ø67-127mm 1205g Match up with wall mount(DS-1473J-XX(B))	Other brackets are the same as Hik white camera

Appearance	Model	Relevant brackets and housings			
		Indoor/Outdoor			
	DS-2CD1H21G0-I2 DS-2CD1H31G0-I2 DS-2CD1H23G0-I2 DS-2CD1H43G0-I2 DS-2CD1H53G0-I2				
		DS-1273ZJ-130-TRL	DS-1275ZJ-SUS	DS-1276ZJ-SUS	DS-1280ZJ-M
		Wall mount	Vertical pole mount	Corner mount	Junction box
		Hik white Aluminum alloy 131×183.5×228.5mm 890g	Hikvision White Stainless Steel 127 mm × 46 mm × 250 mm [5" × 1.81" × 9.84"] 1480 g [3.26 lb.] Match up with wall mount[DS-1273ZJ-XX(B)]	Hik white Stainless Steel 126X105X250mm 2280g Match up with wall mount[DS-1273ZJ-XX(B)]	Hik white Aluminum alloy 157×184.8×53.4mm 621g
					
	DS-2CD2347G3E-L DS-2CD2327G3E-L	DS-1281ZJ-M	DS-1271ZJ-130-TRL	DS-1273ZJ-130B-TRL	
		Inclined ceiling mount	Pendant mount	Wall mount	
		Hik white Aluminum alloy 157×165.7×61.8mm 586g	Hikvision white Aluminum alloy Φ150×567mm	Hikvision White Aluminum Alloy Ø 132 mm × 242.9 mm × 288.5mm (5.20" × 9.56" × 11.38") 1690 g (3.73 lb.)	

Appearance	Model	Relevant brackets and housings			
		Indoor/Outdoor			
	<p>DS-2CD1321-(I D) DS-2CD1321-(I E) DS-2CD1331-(I D) DS-2CD1331-I DS-2CD1341-I DS-2CD1313GO-I DS-2CD1323GO-I DS-2CD1323GOE-I DS-2CD1323GO-IU DS-2CD1343GO-I DS-2CD1353GO-I</p>				
		DS-1272ZJ-110-TRS	DS-1275ZJ-SUS	DS-1276ZJ-SUS	DS-1280ZJ-S
		Wall mount	Vertical pole mount	Corner mount	Junction box
		Hik white Aluminum alloy 120×122×169mm 420g	Hikvision White Stainless Steel 127 mm × 46 mm × 250 mm (5" × 1.81" × 9.84") 1480 g (3.26 lb.) Match up with wall mount(DS-1272ZJ-XX(B))	Hik white Stainless Steel 126X105X250mm 2280g Match up with wall mount(DS-1272ZJ-XX(B))	Hik white Aluminum alloy Φ137 x 53.4x 164.8mm 527g

PTZ Dome Camera

Appearance	Model	Relevant brackets and housings				
		Indoor				
	DS-2DE2A204W-DE3 DS-2DE2A404W-DE3					
	DS-1294ZJ-PT	DS-1297ZJ	DS-1299ZJ	DS-1297ZJ-ES	DS-1297ZJ-M	
	Wall Mount	Pendant mount (extendable)	Pendant Mount	Pendant mount (extendable)	Pendant mount (extendable)	
	Hikvision White Plastic and Steel 223.5 mm × 125.8 mm × 80 mm (8.8" × 4.95" × 3.15") 480 g (1.06 lb.)	Hik white Aluminum Alloy (Height 1000-2000mm) 165g	Hik white Aluminum Alloy 77×77×198mm 165g	Hikvision White Aluminum Alloy Ø 97 mm × 270 mm to 400 mm (Ø 3.82" × 10.63" to 15.75") 500 g (1.10 lb.)	Hikvision White Aluminum Alloy Ø 120 mm × 650 mm to 1200 mm (Ø 4.72" × 25.59" to 47.24") 800 g (1.76 lb.)	

Appearance	Model	Relevant brackets and housings	
		Indoor	
	DS-2DE2204IW-DE3 DS-2DE2204W-DE3/W		DS-1294ZJ
	Wall mount		
	DS-2DE2106IW-DE3		Hik white Toughened Plastic 223.9×80×125.8mm 450g

Appearance	Model	Relevant brackets and housings					
		Indoor/Outdoor					
	DS-2DE3204W-DE DS-2DE3304W-DE						
	DS-1227ZJ-PT6	DS-1273ZJ-PT6	DS-1280ZJ-PT6	DS-1275ZJ-SUS	DS-1276ZJ-SUS		
	In-ceiling mount	Wall mount	Junction Box	Vertical pole mount	Corner mount		
	Hik white Steel+Plastic Ø210×79.3mm 520 g	Hik white 183.5×140×232mm	Hik white Aluminum alloy 136.5×42×162.5mm 280g	Hik white Stainless Steel 127×46×250mm Diameter of clamp: Ø67-127mm 1205g Match up with DS_1273ZJ-PT6	Hik white Stainless Steel 126×105×250mm 2280g Match up with DS_1273ZJ-PT6		

Turbo HD PTZ Camera	DVRs	Encoder	Network Camera	PTZ Dome Camera	Panoramic Camera	NVR	KIT
Camera							

Accessories

DORI
Distance

Appearance	Model	Relevant brackets and housings						
		Outdoor(only available for outdoor PTZ model)						
								
	DS-1661ZJ	DS-1662ZJ	DS-1663ZJ	DS-1618ZJ	DS-1660ZJ	DS-1604ZJ		
	Pendant mount	Pendant mount	Ceiling mount	Wall mount(short arm)	Parapet wall mount	Wall Mount with junction box		
	Hik white Aluminum alloy Φ116.5×200mm 600g	Hik white Aluminum alloy Φ116.5×500mm 960g	Hik white Aluminum alloy Φ116.5×57mm 380g	Hik white Aluminum alloy 110×145×189mm 550g	Hik white Aluminum alloy 180×950×800mm 2900g	Hik white Aluminum alloy 255×171×355.5mm 2150g		
	DS-2DE4425W-DE DS-2DE4225W-DE DS-2AE4225T-D(C) DS-2AE4215T-D(C)							
	DS-1604ZJ-pole	DS-1604ZJ-corner	DS-1604ZJ-box	DS-1604ZJ-BOX-POLE	DS-1604ZJ-BOX-CORNER	DS-1619ZJ		
	Vertical pole mount	Corner mount	Wall mount with junction box	Vertical Pole Mount with junction box	Wall Mount with junction box	Gooseneck mount		
	Hik white Aluminum alloy 170.7×261.8×355.5mm	Hik white Aluminum alloy 206.8×261.8×465mm	Hik white Aluminum alloy 281.2×170.7×395.5mm 2.15 Kg (4.74 lb.)	Hik white Aluminum alloy & steel 222×139.3×422mm	Hik white Aluminum alloy & steel 255.5×314×542.5mm	Hik white Aluminum alloy 455.2×130.4×841.5mm		

Appearance	Model	Relevant brackets and housings						
		Outdoor(only available for outdoor PTZ model)						
		DS-1661ZJ Pendant mount Hik white Aluminum alloy Φ116.5×200mm 600g	DS-1662ZJ Pendant mount Hik white Aluminum alloy Φ116.5×500mm 960g	DS-1663ZJ Ceiling mount Hik white Aluminum alloy Φ116.5×57mm 380g	DS-1618ZJ Wall mount(short arm) Hik white Aluminum alloy 110×145×189mm 550g	DS-1660ZJ Parapet wall mount Hik white Aluminum alloy 180×950×800mm 2900g	DS-1604ZJ Wall Mount with junction box Hik white Aluminum alloy 255×171×355.5mm 2150g	DS-1604ZJ-pole Vertical pole mount Hik white Aluminum alloy 170.7×261.8×355.5mm
	DS-2AE4225TI-D(C) DS-2AE4215TI-D(C) DS-2DE4425IW-DE DS-2DE4415IW-DE DS-2DE4225IW-DE DS-2DE4215IW-DE							
		DS-1604ZJ-corner Hik white Aluminum alloy 206.8×261.8×465mm	DS-1604ZJ-box Hik white Aluminum alloy 281.2×170.7×395.5mm	DS-1604ZJ-BOX-POLE Hik white Aluminum alloy & steel 222×139.3×422mm 5.7 kg (12.57 lb.)	DS-1604ZJ-BOX-CORNER Hik white Aluminum alloy & steel 255.5×314×542.5mm 6.2 Kg (13.67 lb.)	DS-1619ZJ Hik white Aluminum alloy 455.2×130.4×841.5mm	DS-1671ZJ-SDM9 Hik Black Steel + plastic Φ232.9×142.6mm	

Appearance	Model	Relevant brackets and housings			
		Outdoor(only available for outdoor PTZ model)			
					
		DS-1605ZJ Wall Mount Bracket Hik white Aluminum alloy 183.5×120×228.6mm 1120g	DS-1671ZJ-SD11 In-ceiling Mount Bracket Hik white Aluminum alloy Φ233×85mm 640 g (1.4 lb.)	DS-1280ZJ-SD11 Junction Box Hik white Aluminum alloy Φ157.7 mm × 39.7 mm (6.2" × 1.6") 450 g (0.99 lb.)	DS-1691ZJ-L Pendant mount Hik white Steel 124x84x1000mm 2175g
	DS-2DE4A220IW-DE DS-2DE4A320IW-DE DS-2DE4A425IW-DE DS-2DE4A404IW-DE DS-2DE4A225IW-DE DS-2DE4A215IW-DE DS-2DE4A204IW-DE				
		DS-1691Z-M Pendant mount Hik white Steel 124x84x500mm 1175g	DS-1691Z Pendant mount Hik white Aluminum alloy 84x124×335mm 980g	DS-1275ZJ-SUS Vertical pole mount Hik white Stainless Steel 127×46×250mm Diameter of clamp: Φ67-127mm 1205g Match up with DS_1605ZJ	DS-1276ZJ-SUS Corner mount Hik white Stainless Steel 126×105×250mm 2280g Match up with DS_1605ZJ

Appearance	Model	Relevant brackets and housings						
		Outdoor(only available for outdoor PTZ model)						
	DS-2DE5432IW-AE DS-2DE5425IW-AE DS-2DE5232IW-AE DS-2DE5225IW-AE DS-2AE5232TI-A(C) DS-2AE5225TI-A(C)							
		DS-1661ZJ	DS-1662ZJ	DS-1663ZJ	DS-1660ZJ	DS-1604ZJ	DS-1604ZJ-pole	DS-1604ZJ-corner
		Pendant mount	Pendant mount	Ceiling mount	Parapet wall mount	Wall mount	Vertical pole mount	Corner mount
		Hik white Aluminum alloy Φ116.5×200mm 600g	Hik white Aluminum alloy Φ116.5×500mm 960g	Hik white Aluminum alloy Φ116.5×57mm 380g	Hik white Aluminum alloy 180×950×800mm 2900g	Hik white Aluminum alloy 255×171×355.5mm 2150g	Hik white Aluminum alloy 170.7×261.8×355.5mm	Hik white Aluminum alloy 206.8×261.8×465mm
	DS-2DE5425W-AE DS-2DE5330W-AE DS-2DE5320W-AE DS-2DE5232W-AE DS-2DE5225W-AE DS-2AE5232T-A(C) DS-2AE5225T-A(C)							
		DS-1604ZJ-box	DS-1604ZJ-BOX-POLE	DS-1604ZJ-BOX-CORNER	DS-1619ZJ	DS-1667ZJ	DS-1602ZJ	
		Wall mount with junction box	Vertical Pole Mount with junction box	Wall Mount with junction box	Gooseneck mount	Extendable pole for Pendant mount	Wall Mount	
		Hik white Aluminum alloy 281.2×170.7×395.5mm	Hik white Aluminum alloy & steel 222×139.3×422mm	Hik white Aluminum alloy & steel 255.5×314×542.5mm	Hik white Aluminum alloy 455.2×130.4×841.5mm	Hik white Galvanized steel pipe 1500~2500mm	Hik white Aluminum alloy 97X182X305mm	
	DS-2AE7232TI-A [C] DS-2AE7225TI-A [C]							

Appearance	Model	Relevant brackets and housings					
		Outdoor					
 	DS-2PT5326IZ-DE						
		DS-1604ZJ	DS-1604ZJ-pole	DS-1604ZJ-corner	DS-1661ZJ	DS-1619ZJ-H2	DS-1602ZJ
		Wall Mount with junction box	Vertical pole mount	Corner mount	Pendant mount	Gooseneck Mount	Wall Mount
	DS-2PT5306IZ-DE DS-2PT5306BZ-DE	Hik white Aluminum alloy 255×171×355.5mm 2150g	Hik white Aluminum alloy 170.7×261.8×355.5mm	Hik white Aluminum alloy 206.8×261.8×465mm	Hik white Aluminum alloy Ø116.5×200mm 600g	Hik white Stainless Steel Ø 130 mm × 455 mm × 526 mm (5.12" × 17.91" × 20.71") 5200 g (12.46 lb.)	Hik white Aluminum alloy 97X182X305mm

Appearance	Model	Relevant brackets and housings			
		Indoor			
 	DS-2PT3326IZ-DE3 DS-2PT3122IZ-DE3				
		DS-1294ZJ-TRL	DS-1271ZJ-PT10	DS-1682ZJ	DS-1673ZJ
		Wall Mount	Pendant Mount	Extendable pole for Pendant mount	horizontal pole mount
	DS-2PT3306IZ-DE3	Hik white PC+ABS	Hik white Aluminum Alloy and Plastic Ø 160.6 mm × 532 mm (6.32" × 20.9") 1300 g (2.87 lb.)	Hik white Aluminum alloy 500mm Match up with pendant mount(DS-1661ZJ.DS-1662ZJ)	Hik white Steel(mounting board) & Stainless Steel(clamp) Diameter of clamp: Ø67-127mm Match up with pendant mount

Thermal

Appearance	Model	Relevant brackets and housings					
	DS-2TD1217/V1						
		DS-1271ZJ-140	DS-1273ZJ-140	DS-1275ZJ-SUS	DS-1276ZJ-SUS	DS-1273ZJ-140B	DS-1280ZJ-DM21
		Pendant Mount	Wall mount	Vertical pole mount	Corner mount	Wall mount	Junction box
		Hik white Aluminum alloy Φ150×565mm 1900g	Hik white Aluminum alloy 140×183.5×232mm 703g	Hik white Stainless Steel 127×46×250mm Diameter of clamp: Φ67-127mm 1480g Match up with wall mount[DS-1273ZJ-XX(B)]	Hik white Stainless Steel 126X105X250mm 2280g Match up with wall mount[DS-1273ZJ-XX(B)]	Hik white Aluminum alloy with junction box 140×243×292mm 1488g	Hik white Aluminum alloy 162×137×42mm 250g

Appearance	Model	Relevant brackets and housings		
	DS-2TD2617V1			
		DS-1275ZJ-SUS	DS-1276ZJ-SUS	DS-1260ZJ
		Vertical pole mount	Corner mount	Junction box
	DS-2TD2117V1	Hik white Stainless steel 127 mm × 46 mm × 250 mm (5" × 1.81" × 9.84") 1480 g (3.26 lb.)	Hik white Stainless steel 126X105X250mm 2280g	Hik white Aluminum alloy Φ 88.5 mm × 36 mm (Φ 3.48" × 1.42") 251g

Turbo HD Camera Camera PTZ Camera Panoramic Camera NVR KIT Thermal Monitor Switch Cable Controller & Transmission DORI Distance

Accessories

Housing

Indoor housing

Appearance	Housing	Model	Key Feature	Available Camera Models	Bracket Model		
	DS-1330HZ	DS-1330HZ	Hik white Complex fiber 290×142×92 mm 640 g	DS-2CD2821G0 DS-2CC12D9T-(A) DS-2CC12D9T-E DS-2CE37U8T-A			
					DS-1293J	DS-1299J	DS-1269J
					Wall mount	Pendant Mount	Pendant mount
					Hik white Aluminum alloy 88×116.6×297.3mm 473g	Hik white Aluminum Alloy 77×77×198mm 165g	Hik white Aluminum alloy 493x246x88mm 480g

Indoor housing

Appearance	Housing	Model	Key Feature	Available Camera Models	Bracket Model		
	DS-1332HZ	DS-1332HZ	Hik white Aluminum alloy 288×149×100mm 800g	DS-2CD2821G0 DS-2CC12D9T-(A) DS-2CC12D9T-E DS-2CE37U8T-A			
					DS-1293J	DS-1299J	DS-1269J
					Wall mount	Pendant Mount	Pendant mount
					Hik white Aluminum alloy 88×116.6×297.3mm 473g	Hik white Aluminum Alloy 77×77×198mm 165g	Hik white Aluminum alloy 493x246x88mm 480g

Outdoor Housing								
Appearance	Housing	Model	Key Feature	Available Camera Models	Bracket Model			
	DS-1331HZ series	DS-1331HZ-C	Hik white Aluminum alloy Containing fan DC12V IP66 110×165×445mm 1900g					
		DS-1331HZ-H	Hik white Aluminum alloy Containing fan and heater AC24V IP66 110×165×445mm 1900g	DS-1293ZJ	DS-1269ZJ	DS-1214ZJ	DS-1214ZJ-T	DS-1233ZJ
		DS-1331HZ-W	Hik white Aluminum alloy Containing fan and wiper AC24V IP66 445×165×170mm 1900g	Wall mount	Pendant mount	Horizontal pole mount	Horizontal pole mount	Column Mount
		DS-1331HZ-HW	Hik white Aluminum alloy Containing fan, wiper and heater AC24V IP66 445×165×170mm 2500g	DS-2CD282160 DS-2CC1209T-[A] DS-2CC1209T-E DS-2CE37U8T-A	Hik white Aluminum alloy 88×116.6×297.3mm 473g	Hik white Aluminum alloy 493x246x88mm 480g	Hik white Steel(mounting board) & Stainless Steel(clamp) 117x226x194mm Diameter of clamp: Ø67-127mm 1895g	Hik white Steel(mounting board) & Stainless Steel(clamp) Ø160 x 1093mm 6200g
		DS-1331HZ-CI	Hik white Aluminum alloy Containing fan DC12V IP66 IK10 445×140×94mm 1900g					
		DS-1331HZ-HI	Hik white Aluminum alloy Containing fan and heater AC 24V(DC 12V) IP66 IK10 110×165×445mm 1900g		DS-1232ZJ	DS-1232ZJ-T	DS-1275ZJ-SUS	DS-2204ZJ
		DS-1331HZ-T	Hik white Aluminum alloy Containing fan and heater AC 24V(DC 12V) IP66 suitable for wide angle lens and fish-eye lens 454.2×169.2×114.6mm 1900g		Cardan Joint	Cardan Joint	Vertical pole mount	Wall mount
		DS-1331HZ-R	Hik white Aluminum alloy Containing fan and heater AC 24V(DC 12V) IP66 suitable for wide angle lens and fish-eye lens 454.2×169.2×114.6mm 1900g	Hik white Steel 126x103.5x83mm 790	Hik white Steel 96x95x92.5mm	Hik white Stainless Steel 127x46x250mm Diameter of clamp: Ø67-127mm 1205g Match up with wall mount(DS-1293ZJ)	Hik white Aluminum alloy 413.5x228.7x120mm 1859g	

Outdoor housing							
Appearance	Housing	Model	Key Feature	Available Camera Models	Bracket Model		
	DS-4718HZ	DS-4718HZ-K	Hik white Aluminum alloy Containing fan and heater AC 24V(DC 12V) IP66 174×153×550mm 2500g	DS-2CD2821G0 DS-2CC12D9T-(A) DS-2CC12D9T-E DS-2CE37U8T-A	 DS-1293ZJ Wall mount	 DS-1269ZJ Pendant mount	 DS-1214ZJ Horizontal pole mount Hik white Steel(mounting board) & Stainless Steel(clamp) 117×226×194mm Diameter of clamp: Ø67- 127mm 1895g

Outdoor housing						
Appearance	Housing	Model	Key Feature	Available Camera Models	Bracket Model	
	DS-1340HZ	DS-1340HZ	Three-axis adjustment Containing combined wires and fan IK10	DS-2CD2821G0 DS-2CC12D9T-(A) DS-2CC12D9T-E DS-2CE37U8T-A	 DS-1275ZJ-4626 Vertical Pole Mount Hik white Steel(mounting board) & Stainless Steel(clamp) 127×46×250mm 1235g For 40 series box camera	

Accessories

Power Adapter



Power Adapters

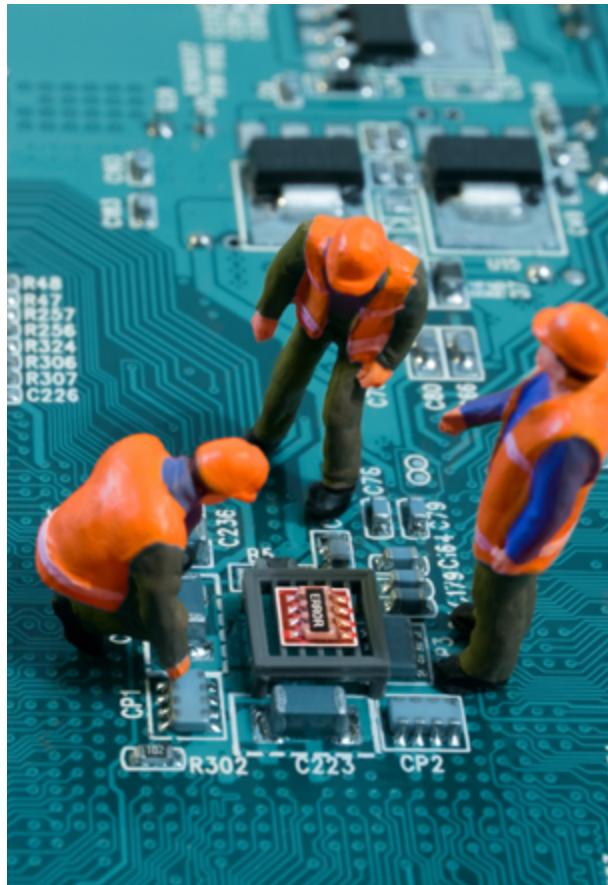
Power Adapter	Details	Available Models
DC5V 2A	HKC0115020-2B,DC5V/2A,American standard plug, USB	DS-2CV2U/2Qxx series Consumer IPC
	HKC0105020-9H,DC5V/2A, Australia standard plug, USB	
	HKC0105020-4H,DC5V/2A, British standard plug, USB	
	EE9-050200-4H,DC5V/2A,Europe standard plug, USB	
DC12V 1A	DSA-12PFG-12 FEU 120100, European standard,12V1A, Two-wire	Most IPC, analog camera and DS-2DE3/2xxx series mini PTZ models
	DSA-12PFG-12 FEU 120100,European standard,12V1A,Φ2.1	
	ADS-12FG-12N 12012EPG,12V/1A,European standard,Two-wire	
	ADS-12FG-12N 12012EPG,12V/1A,European standard,Φ2.1	
	DSA-12PFT-12FUS 120100,American standard,12V1A,Two-wire	
	DSA-12PFT-12FUS 120100,American standard,12V1A,Φ2.1 VI	
	ADS-12FG-12N 12012EPCU,12V/1A,American standard,Φ2.1	
	DSA-12PFG-12 FUK 120100,British standard,12V1A,Two-wire	
	DSA-12PFG-12 FUK 120100,British standard,12V1A,Φ2.1	
	ADS-12FG-12N 12012EPB,12V/1A,British standard,Φ2.1	
	DSA-12PFG-12 FAU 120100,Australian standard,12V1A,Φ2.1	
	DSA-12PFG-12 FAU 120100,Australian standard,12V1A,Two-wire	
DC12V 1.5A	MSA-C1500IC12.0-18P-US, DC12V/1.5A, American standard plug, Φ2.1	
	MSA-C1500IC12.0-18P-DE, DC12V/1.5A, Europe standard plug, Φ2.1	
	MSA-C1500IC12.0-18P-GB, DC12V/1.5A, British standard plug, Φ2.1	
	MSA-C1500IC12.0-24P-AU, DC12V/2A, Australia standard plug, Φ2.1	
DC12V 2A	ASW0081-1220002W[green head],12V24W,Two-wire(NO AC power wire)	Indoor mini PanoVu and high power consumption IPC and analog camera
	AC power wire, UK standard	
	AC power wire, America standard	
	AC power wire, Europe standard	
	AC power wire, Italy standard	
	AC power wire, Japan standard	
	AC power wire, Australia standard	
	AC power wire, Brazil standard	
	Match up with 101700162, Adaptor and power wire should be ordered together	
	MSA-C2000IC12.0-24P-GB,British standard,12V2A,Φ2.1	
DC12V 3.33A	MSA-C2000IC12.0-24P-DE,European standard,12V2A,Φ2.1	
	MSA-C1500IC12.0-24P-AU, Australia standard,12V2A,Φ2.1	
	MSA-C2000IC12.0-24P-US,American standard,12V2A,Φ2.1	
	KPL-040F-VI [green head],12V40W,Two-wire (NO AC power wire)	
	AC power wire, UK standard	
	AC power wire, America standard	
	AC power wire, Europe standard	
	AC power wire, Italy standard	
DC12V 5A	AC power wire, Japan standard	DS-2PT9122IX-DE/S
	AC power wire, Australia standard	
	AC power wire, Brazil standard	
	Match up with 101700613	
	Adaptor and power wire should be ordered together	
	KPL-060F-VI,12V5A,UL, green head,Two-wire (NO AC power wire)	
	AC power wire, UK standard	
	AC power wire, America standard	

Power Adapter	Details	Available Models
AC24V 2.5A	AC adaptor,HKA-A24250-230,AC24V/2.5A,European standard	All DS-2D(A)F8/76/5xxx-A/A3/AW/AE/AE3/AEL models; all DS-2D(A)E7/5/4xxx-A/A3/-AE/-AE3 models
	AC adaptor,HKKD-12077,AC24V/2.5A,American standard	
	AC adaptor,HKA-A24250-230-BS,AC24V2.5A,British standard	
	AC adaptor,PSE-A1525/5060,AC100V,AC24V2.5A,Japanese standard	
AC24V 3A	Linear power,TEAC-66-243000V,AC230V,AC24V3A,European standard	
	Linear power,MKAC-66-243000U,AC120V,AC24V/3A,American standard	
	Linear power,HKKD-11128,AC240V,AC24V/3A,Australia standard	
	Linear power,TEAC-66-243000VB,AC230V,AC24V/3A,British standard	
AC24V 5A	AC adapter,MKAC-76-245000V,AC24V5A,British standard	Positioning System
	AC adapter,A24-5A-950,AC120V/60Hz,AC24V5A,American standard	
	AC adapter,HKKD-13002,AC230V,AC24V5A,European standard	
DC36V 4.17A	EUV-150S036ST-KW02,36V4.17A,150W (NO AC power wire)	PanoVu
	AC power wire, UK standard	
	AC power wire, America standard	
	AC power wire, Europe standard	
	AC power wire, Italy standard	
	AC power wire, Japan standard	
DC36V 1.67 A	AC power wire, Australia standard	
	AC power wire, Brazil standard	
	Match up with 101701022	
	Adaptor and power wire should be ordered together	
	DS-2FA3616-DZ-HW (NO AC power wire)	
	AC power wire, American standard,1M,black AC power wire, European standard,1M,black AC power wire, British standard,1M,black AC power wire, Australian standard,1.0M,black AC power wire, Chinese standard,1.0M,black Match up with 302900093 Adaptor and power wire should be ordered together	
POE Injector	LAS30-57CN-RJ45(30W POE)(NO AC power wire)	
	LAS60-57CN-RJ45(60W POE)(NO AC power wire)	
	AC power wire, UK standard	
	AC power wire, America standard	
	AC power wire, Europe standard	
	AC power wire, Italy standard	
Turbo HD Camera	AC power wire, Japan standard	
	AC power wire, Australia standard	
	AC power wire, Brazil standard	
	Match up with 101700361 / 101700365	
	POE Injector and power wire should be ordered together	
	DORI Distance	

Turbo HD Camera
Turbo HD PTZ Camera
DVRs Encoder Network Camera
PTZ Dome Panoramic Camera
NVR KIT Thermal Monitor
Switch Cable Controller & Transmission
Accessories DORI Distance

Accessories

Camera Tester



	IPC-8600	Network camera tester, 7" Screen, with ANSI power supply
	IPC-8600-E	Network camera tester, 7" Screen, with ANSI power supply
	IPC-8600-E	Network camera tester, 7" Screen, with EN power supply
	IPC-8600	Network camera tester, 7" Screen, with EN power supply
	IPC-4300H	Network camera tester, 4.3" Screen, with ANSI/EN/BS/AS power supply, Support IP/CVBS/TVI(AHD/CVI) input

Accessories

Pickup



Picture	Models	Key Features
	DS-2FP2020	<p>Pickup range:70 sq.m, Audio transmission distance:3000m, Frequency response:20Hz ~ 20KHz, SNR:60dB[1m 40 dB audio tone SPL]40dB[10m 40 dB audio tone SPL]1KHz at 1 Pa, Dynamic Range:70dB[1KHz at Max dB SPL]</p>
	DS-2FP4021-B	<p>Pickup Scope:60 m² / continuously adjustable, Gain Adjustment Scope:30dB/ continuous, Pickup Direction:Full Directions / 360°, Frequency Response:100Hz ~ 16KHz(1kHz@94db SPL), Dynamic Range:85dB, Output Impedance:600 Ohm unbalanced</p>
	3.5mm plug adapter	match up with pick up for camera with 3.5mm jack

DORI Distance (D/O/R/I)

NETWORK CAMERA

Pro Series

Find the Optimal Camera for Your Individual Security Needs

The DORI distance is a “general proximity” of distance which makes it easy to pinpoint the right camera for your needs. The DORI distance is calculated based on sensor specification and lab test results according to EN 62676-4 which defines the criteria for Detect, Observe, Recognize, and Identify, respectively.

2X21 Series

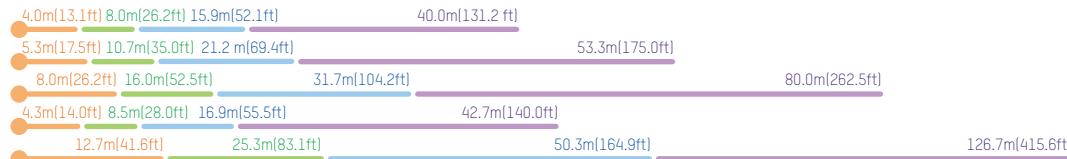
2.8mm

4mm

6mm

2.8-12mm(W)

2.8-12mm(T)



2X23 Series

2.8mm

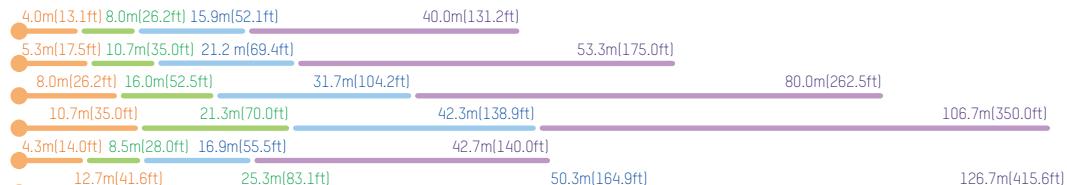
4mm

6mm

8mm

2.8-12mm(W)

2.8-12mm(T)



2X43 Series

2.8mm

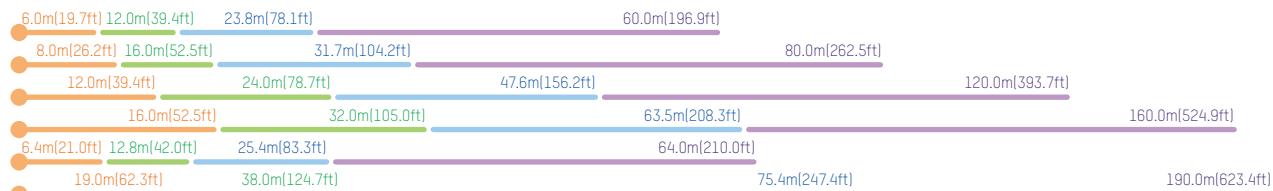
4mm

6mm

8mm

2.8-12mm(W)

2.8-12mm(T)



2X63 Series

2.8mm

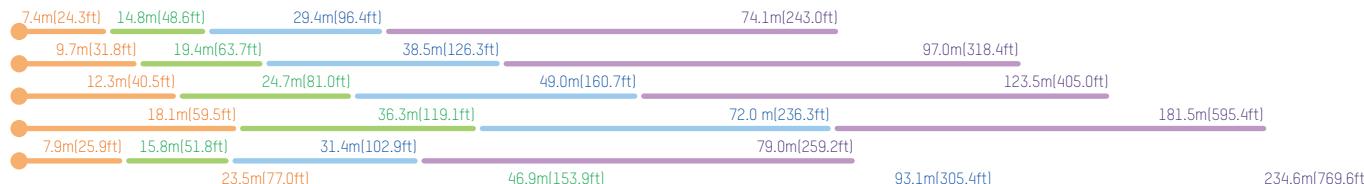
4mm

6mm

8mm

2.8-12mm(W)

2.8-12mm(T)



2X83 Series

2.8mm

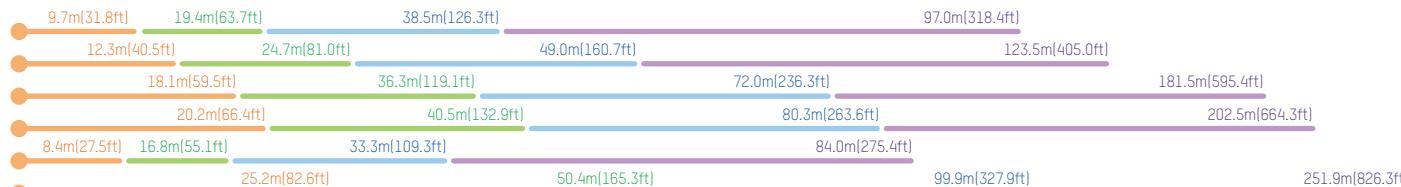
4mm

6mm

8mm

2.8-12mm(W)

2.8-12mm(T)

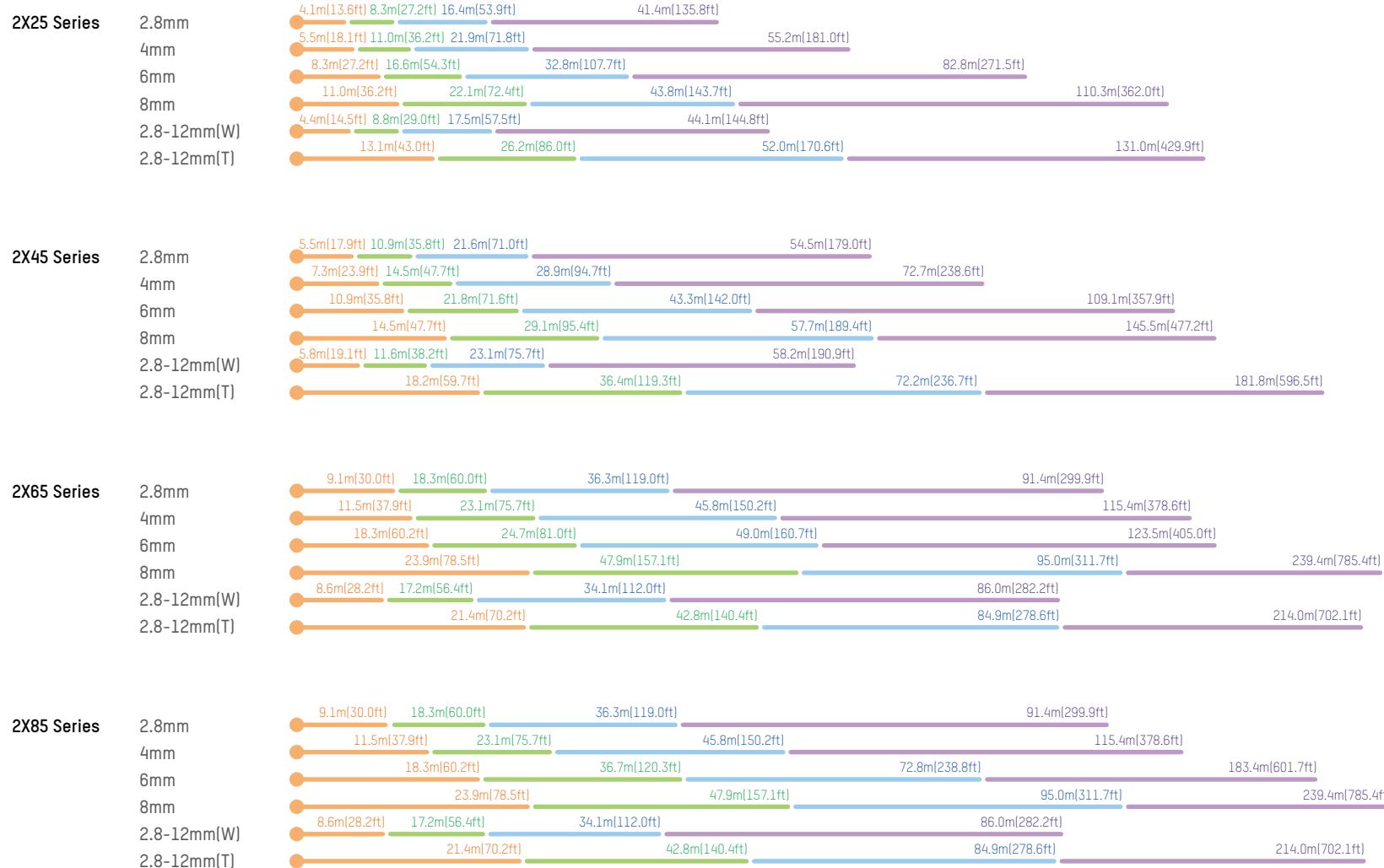


Find the Optimal Camera for Your Individual Security Needs

The DORI distance is a "general proximity" of distance which makes it easy to pinpoint the right camera for your needs. The DORI distance is calculated based on sensor specification and lab test result according to EN 62676-4 which defines the criteria for Detect, Observe, Recognize and Identify respectively.

NETWORK CAMERA

Pro Series



DORI Distance (D/O/R/I)

- Detect: 25ppm
- Observe: 63ppm
- Recognize: 125ppm
- Identify: 250ppm

Network Camera, PTZ Dome Camera, Panoramic Camera, Explosion-Proof & Anti-Corrosion Series, NVR, Network Storage Center, Thermal Camera, Commercial Display, Decoder, Video Wall Controller, Software, Accessories, DORI

Find the Optimal Camera for Your Individual Security Needs

The DORI distance is a "general proximity" of distance which makes it easy to pinpoint the right camera for your needs. The DORI distance is calculated based on sensor specification and lab test result according to EN 62676-4 which defines the criteria for Detect, Observe, Recognize and Identify respectively.

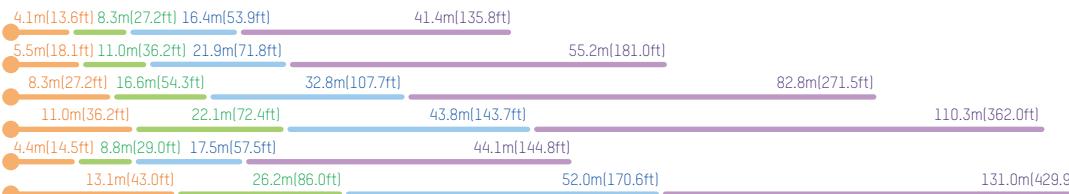
NETWORK CAMERA

Pro Series

DORI Distance (D/O/R/I)	
	Detect:25ppm Observe:63ppm Recognize:125ppm Identify:250ppm
2.8mm	4.1m[13.6ft] 8.3m[27.2ft] 16.4m[53.9ft]
4mm	5.5m[18.1ft] 11.0m[36.2ft] 21.9m[71.8ft]
6mm	8.3m[27.2ft] 16.6m[54.3ft]
8mm	11.0m[36.2ft] 22.1m[72.4ft]
2.8-12mm(W)	4.4m[14.5ft] 8.8m[29.0ft] 17.5m[57.5ft]
2.8-12mm(T)	13.1m[43.0ft] 26.2m[86.0ft]

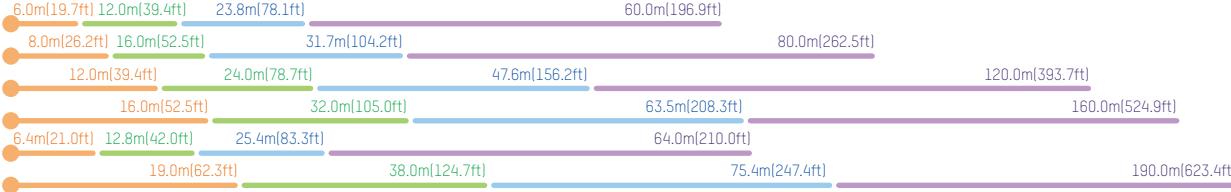
2X2662 Series

2.8mm	4.1m[13.6ft] 8.3m[27.2ft] 16.4m[53.9ft]
4mm	5.5m[18.1ft] 11.0m[36.2ft] 21.9m[71.8ft]
6mm	8.3m[27.2ft] 16.6m[54.3ft]
8mm	11.0m[36.2ft] 22.1m[72.4ft]
2.8-12mm(W)	4.4m[14.5ft] 8.8m[29.0ft] 17.5m[57.5ft]
2.8-12mm(T)	13.1m[43.0ft] 26.2m[86.0ft]



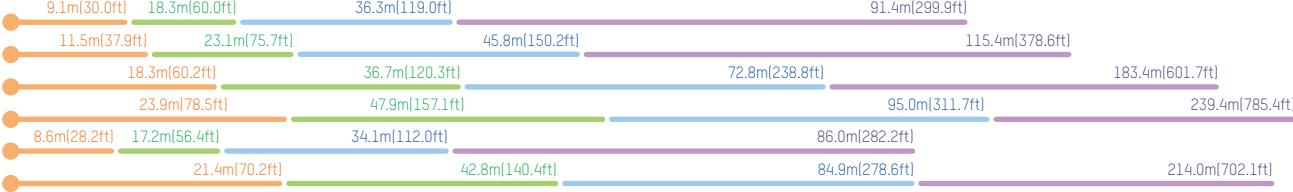
2X4662 Series

2.8mm	6.0m[19.7ft] 12.0m[39.4ft] 23.8m[78.1ft]
4mm	8.0m[26.2ft] 16.0m[52.5ft]
6mm	12.0m[39.4ft] 24.0m[78.7ft]
8mm	16.0m[52.5ft] 32.0m[105.0ft]
2.8-12mm(W)	6.4m[21.0ft] 12.8m[42.0ft] 25.4m[83.3ft]
2.8-12mm(T)	19.0m[62.3ft] 38.0m[124.7ft]



2X8662 Series

2.8mm	9.1m[30.0ft] 18.3m[60.0ft] 36.3m[119.0ft]
4mm	11.5m[37.9ft] 23.1m[75.7ft]
6mm	18.3m[60.0ft] 36.7m[120.3ft]
8mm	23.9m[78.5ft] 47.9m[157.1ft]
2.8-12mm(W)	8.6m[28.2ft] 17.2m[56.4ft] 34.1m[112.0ft]
2.8-12mm(T)	21.4m[70.2ft] 42.8m[140.4ft]



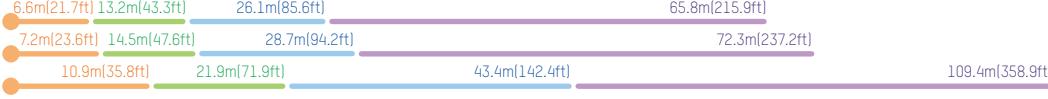
2X2761 Series

2.8mm	4.1m[13.6ft] 8.3m[27.2ft] 16.4m[53.9ft]
4mm	5.5m[18.1ft] 11.0m[36.2ft] 21.9m[71.8ft]
6mm	8.3m[27.2ft] 16.6m[54.3ft]



2X4761 Series

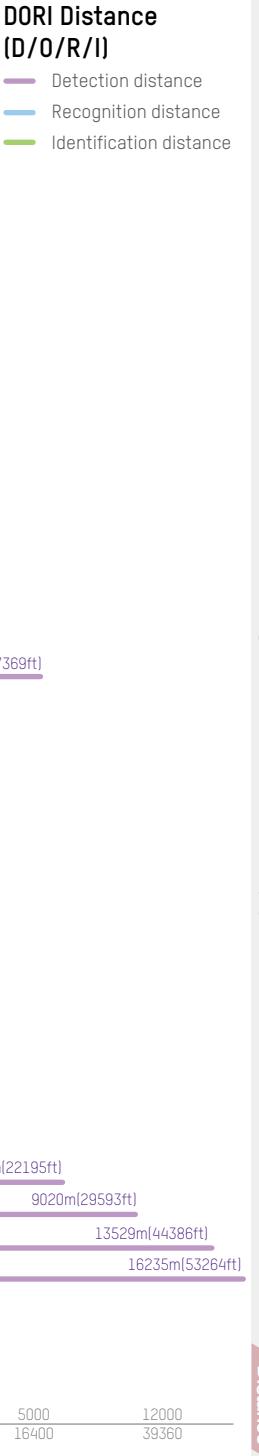
2.8mm	6.6m[21.7ft] 13.2m[43.3ft] 26.1m[85.6ft]
4mm	7.2m[23.6ft] 14.5m[47.6ft] 28.7m[94.2ft]
6mm	10.9m[35.8ft] 21.9m[71.9ft]



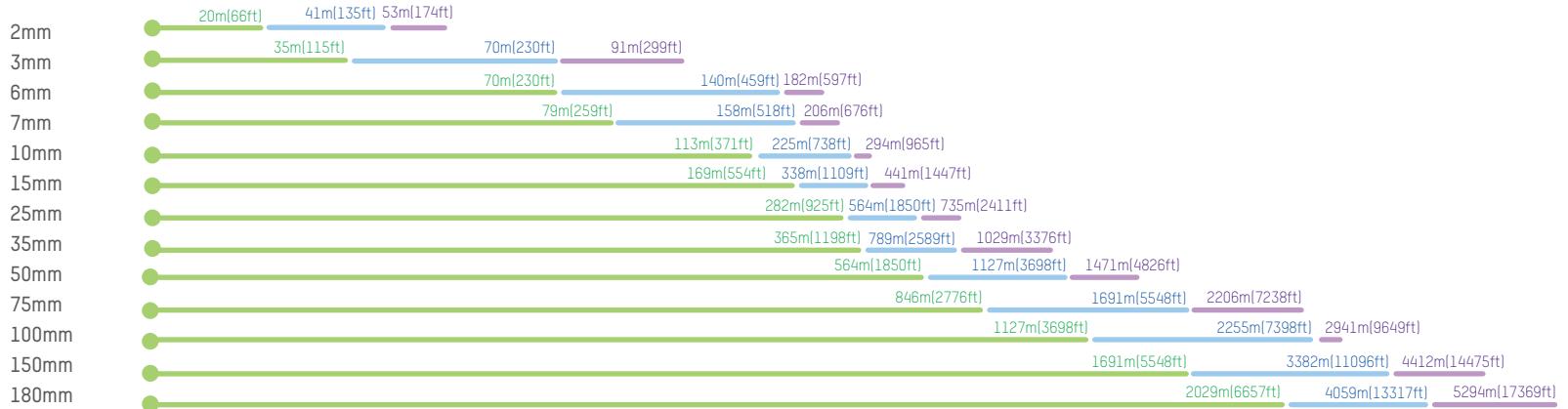
DORI Distance (D/O/R/I)

Thermal

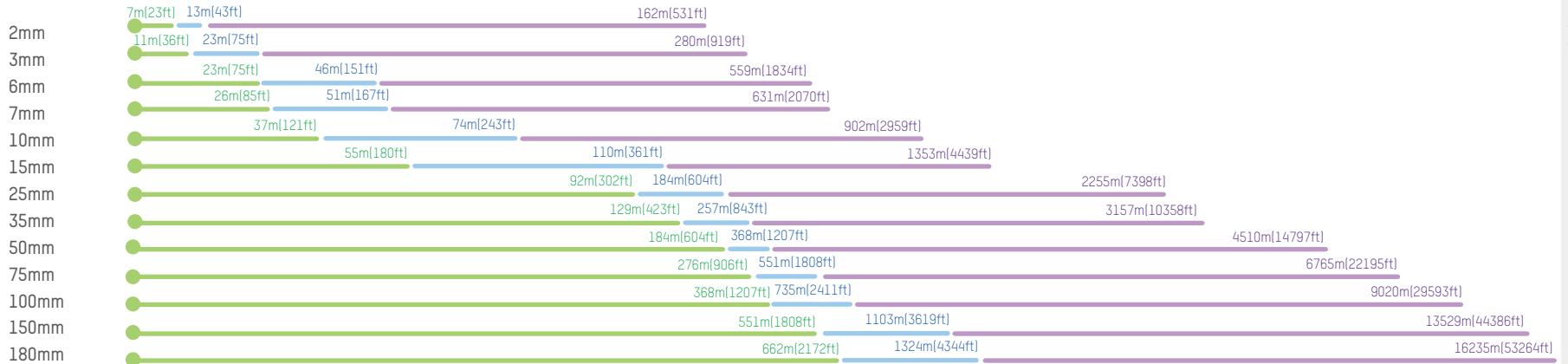
The DRI (Detection Recognition Identification) is defined in terms of the number of pixels on the object depend on a common standard, Johnson's criteria [http://en.wikipedia.org/wiki/Johnson's_criteria].



Human (1.8x0.5m)



Vehicle (1.4x4.0m)



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