

A nighttime cityscape, likely Kuala Lumpur, with the Petronas Twin Towers prominently featured. The scene is overlaid with a digital network of glowing lines and nodes in various colors (blue, purple, pink, white). A large, semi-transparent blue arc is visible in the upper right corner. The overall aesthetic is futuristic and technological.

PRODUCT QUICK GUIDE

# CCTV SOLUTION PRODUCTS

2021 H1

**HIKVISION**<sup>®</sup>

# DEEP LEARNING

Deep Learning is the new buzzword in science and technology.

A technology with innumerable applications, Deep Learning is beginning to influence many aspects of our lives. When it comes to the field of video & image analytics, Deep Learning applications have grown rapidly in recent years, benefiting from sophisticated algorithms based on neural networks. Now, Hikvision's DeepinView Series Cameras and DeepinMind Series NVRs and Servers will lead the way in this new world of security technology by making invisible intelligence visible for users, and then putting that intelligence to good use.

And what can Hikvision's Deep Learning products do? Facial Detection is only the beginning. With analytics that take business solutions into the next century, and with automated alarm accuracy above 90%, this technology is a step above and beyond video security as we know it.

Hikvision's Deep Learning technology filters insignificant objects and movements in a scene that would trigger conventional alarm systems. Vehicle data gets recorded and shapes the database to perform numerous security functions. People Counting systems give businesses an edge in marketing and conversion rates.

Across the board, Hikvision's Deep Learning Solutions are adding value on multiple levels – today and tomorrow.



Facial Recognition



Vehicle Identification



Human & Vehicle  
Classification (AcuSense)



People Counting



Hard Hat Detection



More



# ULTRA-LOW LIGHT

## DarkFighter & DarkFighterX

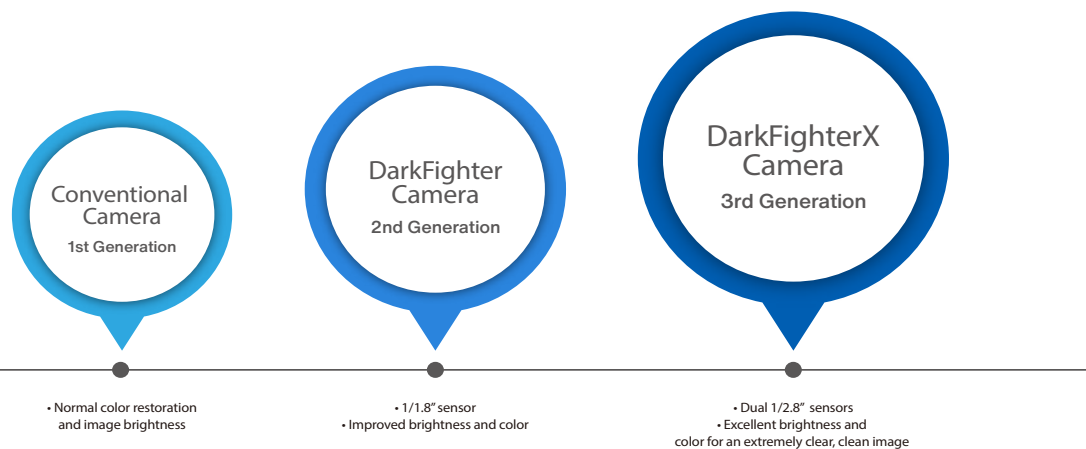
With the deepening of security awareness and the building boom of safe cities, high-quality video security has become a basic requirement. Since night hours make up almost half of the security recording, and since most crime happens at night, improving low-light video quality is the most critical problem in the video security industry today.

### DarkFighter – Stunning color video in near darkness

Featuring a large HD progressive scan CMOS sensor, Hikvision's DarkFighter Technology captures excellent color imaging in extremely dark environments – even down to 0.002 lux – and automatically switches to monochrome by removing the IR filter to boost sensitivity when illumination is lower than 0.002 lux. All the while, DarkFighter maintains superlative image quality.

### DarkFighterX – Dual-sensor imaging for full color images

DarkFighterX's technology is based on the retinal imaging that human eyes use to process color and brightness. This human-like technology features an innovative dual-sensor design – one sensor for IR imaging that guarantees image brightness, the other sensor for visible light that guarantees vivid color. These signals are then combined into one bright, full-color image.



# HIKVISION ACUSENSE

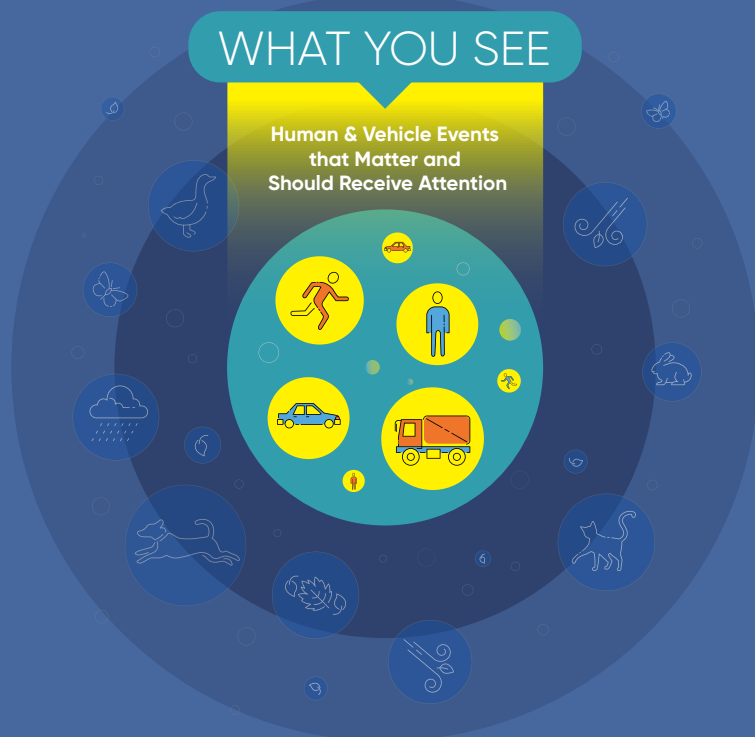
A sense of safety is one of the most basic human needs, and that goes for both personal and property safety. And this is exactly why people install security systems in their homes and businesses.

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. Based on Deep Learning technology, AcuSense helps you focus on human and vehicle events in two ways: alarms will only trigger when the preset type of intrusion takes place, and video footage is sorted by target-type categories for easier searching through recorded footage. Strobe light and audio alarms serve as virtual security guards, protecting 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 and easy-to-use protection system for their property and assets, while helping resellers build a uniquely competitive go-to-market proposition.

## AcuSense



**FOCUS**  
**and** **ACT**

**AcuSense**  
**Technology**



**ColorVu**  
Series Camera



24 Hours  $\times$  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 the color of people’s clothing or of a car – even in total darkness. Hikvision ColorVu Technology makes this possible.

Hikvision ColorVu Technology enables front-end products to capture details in low light with three advantages: advanced hardware, superior ISP algorithm, and reliable quality control. ColorVu technology employs two specific breakthroughs in hardware technology: advanced lenses and powerful sensors. These lenses reach up to F1.0, allowing more light to enter and thereby increasing image brightness. Next, high-sensitivity sensors vastly improve the utilization of that light. The frontier ISP algorithm realizes precise color rendition to produce accurate colorful images. Moreover, active alignment technology guarantees the focusing performance of lenses in the mass production of ultra-high definition ColorVu products, resulting in superlative quality control.

Extreme light conditions are also taken into consideration in the design process. Some cameras are equipped with warm, natural-looking supplemental lighting. This way, when there is no light source whatsoever – even starlight or street lights – they can guarantee colorful imaging. For most scenes, the environmental light is bright enough for ColorVu cameras to render vivid color without supplemental lighting.

**ColorVu**

# LIGHTFIGHTER

## 140 dB WDR

Hikvision is set to reach new heights in extremely high contrast imaging with the ultra-high 140 dB WDR “LightFighter” technology for exceptional, industry-leading visibility in brightly lit or high-contrast environments. The result of this cutting-edge advancement is crystal-clear, detail-rich images with true color reproduction in lighting conditions that would defeat conventional WDR technology.

The key to the performance of the LightFighter technology is the industry-leading WDR system that allows cameras to record greater scene details even where the intensity of illumination varies considerably, such as backlighting when very dark and very bright areas appear simultaneously in the field of view. The 140 dB WDR in the LightFighter offers 100 times more powerful enhancement than the conventional 120 dB WDR systems.

LightFighter is particularly suited to intense backlight situations, and is the ideal technology for cameras pointing towards windows and entrance doors.



# 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 IoT solution provider with video as its core competency, Hikvision has paid close attention to the rise of 4K and has launched a total 4K system to harness this technology in the global security industry.

Without complementary 4K components, such as monitors and 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, NVRs, etc. – Hikvision strives to provide a system that is more helpful and more useful to its 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.

Recently, Hikvision has released an 8K camera which monitors large scenes over long distances. This one camera does the work that once required several cameras, thus reducing installation and maintenance costs.



# Network Camera

002 DeepinView Series

009 Ultra Series

025 Special Series





# DeepinView Series Network Cameras

## Deeper Intelligence for Expansive Security





- › High performance and intelligent products with Deep Learning algorithms and high performance GPU
- › The 2nd-generation DeepinView Series supports multiple algorithms in one device for a variety of scenarios. Additionally, it integrates multiple lenses to simultaneously capture sharp details and the big picture for extensive situational awareness.
- › People counting, dual-lens people counting, multi-target-type detection, ANPR, vehicle appearance analysis, hard hat detection, facial recognition, perimeter protection, and queue management.
- › DeepinView Series products are edge nodes in the AI Cloud architecture, focusing on multidimensional data collection and front-end intelligent processing.









## 9 series







Model	IDS-2PT9A144MXS-D/T2(1352/6)
Image	 DeepinView
Image Sensor	1/1.8" progressive scan CMOS
Max. Resolution	2560 × 1440
Video Compression	H.265+/H.265/H.264+/H.264/MJPEG
Min. Illumination	Panoramic Camera: Color: 0.002 Lux@(F1.0, AGC ON) Tracking PTZ Camera: Color: 0.0035 Lux@(F1.6, AGC ON)
WDR	120dB WDR
Lens	Panoramic Camera:6mm Tracking PTZ Camera:13mm to 52mm
FOV	Panoramic Camera:Horizontal FOV 54° Tracking PTZ Camera: Horizontal FOV 32° to 8°
Max. IR Range	40m
VCA	Multi-Target-Type Detection, Face Capture, Face Comparison
Frame Rate	50Hz: 25fps (2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720)
Streams	3
Protection Level	IP66
Angle Adjustment	Pan: 0° to 210°, tilt: -15° to 22°
Operating Temperature	Outdoor: -40°C to 70°C (-40°F to 158°F)
Humidity	≤ 90%
Local Storage	Built-in memory card slot, support microSD/microSDHC/microSDXC (up to 256 GB)
Indoor/Outdoor	Outdoor
Audio I/O	1-ch audio input and 1-ch audio output
Alarm I/O	1-ch alarm input and 1-ch alarm output, support alarm linkage: Memory Card Recording/Alarm Output/Notify Surveillance Center/Upload to FTP/Send Email
Power	36 VDC ± 25%, two core terminal block



## 8 series

Model	IDS-2CD814660-IZS	IDS-2CD8A4660-IZHS	IDS-2CD8C4660-XZS(11-40/4)	IDS-2CD8C4660P-XZS(10-50/4)
Image	 DeepinView	 DeepinView	 DeepinView	 DeepinView
Image Sensor	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS
Max. Resolution	2560 × 1440	2560 × 1440	2560 × 1440	2560 × 1440
Video Compression	Main stream: H.265+/H.265/H.264+/H.264 Sub-stream/Third stream/Fourth stream/Fifth stream/custom stream: H.265/H.264/MJPEG	Main stream: H.265+/H.265/H.264+/H.264 Sub-stream/Third stream/Fourth stream/Fifth stream/custom stream: H.265/H.264/MJPEG	Main stream: H.265+/H.265/H.264+/H.264 Sub-stream/Third stream/Fourth stream/Fifth stream/custom stream: H.265/H.264/MJPEG	Main stream: H.265+/H.265/H.264+/H.264 Sub-stream/Third stream/Fourth stream/Fifth stream/custom stream: H.265/H.264/MJPEG
Min. Illumination	Color: 0.0045 Lux @ (F1.8, AGC ON), 0 Lux with IR	Color: 0.0045 Lux @ (F1.8, AGC ON), 0 Lux with IR	Color: 0.0001 Lux @ (F1.4, AGC ON), 0 Lux with IR	Color: 0.0002 Lux @ (F1.2, AGC ON), 0 Lux with IR
WDR	140dB	140dB	120dB	120dB
Lens	8 to 32 mm	8 to 32 mm	11 to 40 mm and 4mm	10 to 50 mm and 4mm
FOV	Motorized lens, 8 to 32 mm Horizontal FOV 40° to 16°, vertical FOV 22° to 9°, diagonal FOV 46° to 18°	Motorized lens, 8 to 32 mm Horizontal FOV 38° to 15°, vertical FOV 21° to 9°, diagonal FOV 43° to 18°	Motorized lens, 11 to 40 mm Horizontal FOV 37° to 11.5°, vertical FOV 20.2° to 6.5°, diagonal FOV 43.2° to 13.2° 4mm Horizontal FOV 89°, vertical FOV 46.5°	Motorized lens, 10 to 50 mm Horizontal FOV 39.9° to 9.5°, vertical FOV 22.0° to 5.3°, diagonal FOV 46.3° to 10.9° 4mm Horizontal FOV 160°, vertical FOV 48°
Max. IR Range	Up to 30 m	Up to 100 m	80m	80m
VCA	Deep Learning-based algorithm: Face Capture, Face Recognition, Face Attributes Traditional algorithm: Motion detection, video tampering alarm, exception, Face Detection	Deep Learning-based algorithm: Face Capture, Face Recognition, Face Attributes Traditional algorithm: Motion detection, video tampering alarm, exception, Face Detection	Deep Learning-based algorithm: Face Capture, Face Recognition Traditional algorithm: Motion detection, video tampering alarm, exception, Face Detection	Deep Learning-based algorithm: Face Capture, Face Recognition, multi-target-detection, Face de-duplication Traditional algorithm: Motion detection, video tampering alarm, exception, Face Detection
Frame Rate	50Hz: 25fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 30fps (2560 × 1440, 1920 × 1080, 1280 × 720)	50Hz: 25fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 30fps (2560 × 1440, 1920 × 1080, 1280 × 720)	50Hz: 25fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 30fps (2560 × 1440, 1920 × 1080, 1280 × 720)	50Hz: 25fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 30fps (2560 × 1440, 1920 × 1080, 1280 × 720)
Streams	5+5	5+5	5	5
Protection Level			IP67	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°	-	-
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)
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)
Local Storage	Support Micro SD/SDHC/SDXC card (256G) local storage	Support Micro SD/SDHC/SDXC card (256G) local storage	Support Micro SD/SDHC/SDXC card (256G) local storage	Support Micro SD/SDHC/SDXC card (128G) local storage, NAS INFS,SMB/CIFS), ANR
Indoor/Outdoor				
Audio I/O	1 input (line in, 3.5 mm), 1 output (line out, 3.5 mm), 1 built-in mic	1 input (line in, 3.5 mm), 1 output (line out, 3.5 mm)	2 input (line in, 3.5 mm), 1 output (line out, 3.5 mm)	1 input (line in, 3.5 mm), 1 output (line out, 3.5 mm)
Alarm I/O	1 input, 1 output (max. 24 VDC/VAC, 1A)	2 inputs, 2 outputs (max. 24 VDC, 1 A)	3 inputs, 2 outputs (max. 24 VDC or 24VDC, 1 A)	2 inputs, 2 outputs (max. 24 VDC, 1 A)
Power	12 VDC ±20%, reverse polarity protection; two-core terminal block; 24 VAC±20%; PoE (802.3at, type 2, class 4)	12 VDC ±20%, reverse polarity protection; three-core terminal block; PoE (802.3at, type 2, class 4)	24 VAC	24 VAC





Model	IDS-2CD702660-[AP]	IDS-2CD704660-[AP]/[F11]	IDS-2CD708660-AP	IDS-2CD70C560-AP	IDS-2CD712660-IZS	IDS-2CD714660-IZS	
Image	 <b>DeepinView</b>	 <b>DeepinView</b>	 <b>DeepinView</b>	 <b>DeepinView</b>	 <b>DeepinView</b>	 <b>DeepinView</b>	
Image Sensor	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.7" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	
Max. Resolution	1920 × 1080	2680 × 1520	3840 × 2160	4000 × 3000	1920 × 1080	2680 × 1520	
Video Compression	Main stream: H.265+/H.265/H.264+/H.264 Sub-stream/Third stream/Fourth stream/Fifth stream/custom stream:H.265/H.264/MJPEG	Main stream: H.265+/H.265/H.264+/H.264 Sub-stream/Third stream/Fourth stream/Fifth stream/custom stream:H.265/H.264/MJPEG	Main stream: H.265+/H.265/H.264+/H.264 Sub-stream/Third stream/Fourth stream/Fifth stream/custom stream:H.265/H.264/MJPEG	Main stream: H.265+/H.265/H.264+/H.264 Sub-stream/Third stream/Fourth stream/Fifth stream/custom stream:H.265/H.264/MJPEG	Main stream: H.265+/H.265/H.264+/H.264 Sub-stream/Third stream/Fourth stream/Fifth stream/custom stream:H.265/H.264/MJPEG	Main stream: H.265+/H.265/H.264+/H.264 Sub-stream/Third stream/Fourth stream/Fifth stream/custom stream:H.265/H.264/MJPEG	
Min. Illumination	Color: 0.001 Lux @ (F1.2, AGC ON); B/W: 0.0003 Lux @ (F1.2, AGC ON)	Color: 0.001 Lux @ (F1.2, AGC ON); B/W: 0.0003 Lux @ (F1.2, AGC ON)	Color: 0.009 Lux @ (F1.2, AGC ON); B/W: 0.0009 Lux @ (F1.2, AGC ON)	Color: 0.009 Lux @ (F1.2, AGC ON); B/W: 0.0009 Lux @ (F1.2, AGC ON)	Color: 0.001 Lux @ (F1.2, AGC ON); B/W: 0.0003 Lux @ (F1.2, AGC ON)	Color: 0.001 Lux @ (F1.2, AGC ON); B/W: 0.0003 Lux @ (F1.2, AGC ON)	
WDR	140 dB	140 dB	120 dB	DWDR	140 dB	140 dB	
Lens	CS mount	CS mount	CS mount	CS mount	2.8 to 12 mm or 8 to 32 mm	2.8 to 12 mm or 8 to 32 mm	
FOV	-	-	-	-	2.8 to 12 mm, horizontal FOV 107.3° to 39.8°, vertical FOV 55.9° to 22.3°, diagonal FOV 130.1° to 45.7° 8 to 32 mm, horizontal FOV 40.3° to 14.4°, vertical FOV 22.1° to 8.2°, diagonal FOV 46.9° to 16.5°	2.8 to 12 mm, horizontal FOV 114.5° to 41.8°, vertical FOV 59.3° to 23.6°, diagonal FOV 141.1° to 48° 8 to 32 mm, horizontal FOV 42.5° to 15.1°, vertical FOV 23.3° to 8.6°, diagonal FOV 49.6° to 17.3°	
Max. IR Range	-	-	-	-	2.8 to 12 mm: 30 m 8 to 32 mm: 50 m	2.8 to 12 mm: 30 m 8 to 32 mm: 50 m	
VCA	Deep Learning-based algorithm: Multi-target-type Detection, Face Comparison, Face Capture, Face Recognition, Face Attributes, Premier Protection, Queue Management, Face Counting, Hard Hat Detection Traditional algorithm: Motion detection, video tampering alarm, exception, Counting	Deep Learning-based algorithm: Multi-target-type Detection, Face Comparison, Face Capture, Face Recognition, Face Attributes, Premier Protection, Queue Management, Face Counting, Hard Hat Detection Traditional algorithm: Motion detection, video tampering alarm, exception, Counting	Deep Learning-based algorithm: Multi-target-type Detection, Face Comparison, Face Capture, Face Recognition, Face Attributes, Premier Protection, Queue Management, Face Counting, Hard Hat Detection Traditional algorithm: Motion detection, video tampering alarm, exception, Counting	Deep Learning-based algorithm: Multi-target-type Detection, Face Comparison, Face Capture, Face Recognition, Face Attributes, Premier Protection, Queue Management, Face Counting, Hard Hat Detection Traditional algorithm: Motion detection, video tampering alarm, exception, Counting	Deep Learning-based algorithm: Multi-target-type Detection, Face Comparison, Face Capture, Face Recognition, Face Attributes, Premier Protection, Queue Management Traditional algorithm: Motion detection, video tampering alarm, exception, Counting	Deep Learning-based algorithm: Multi-target-type Detection, Face Comparison, Face Capture, Face Recognition, Face Attributes, Premier Protection, Queue Management Traditional algorithm: Motion detection, video tampering alarm, exception, Counting	
Frame Rate	50Hz: 50fps (1920 × 1080, 1280 × 720) 60Hz: 60fps (1920 × 1080, 1280 × 720)	50Hz: 25fps (2680 × 1520, 2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 30fps (2680 × 1520, 2560 × 1440, 1920 × 1080, 1280 × 720)	50Hz: 25fps (3840 × 2160, 3200 × 1800, 2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 30fps (3840 × 2160, 3200 × 1800, 2560 × 1440, 1920 × 1080, 1280 × 720)	50Hz: 25fps (4096 × 2160, 3840 × 2160, 3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 30fps (4096 × 2160, 3840 × 2160, 3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720) 50Hz: 20fps (4000 × 3000); 60Hz: 20fps (4000 × 3000)	50Hz: 50fps (1920 × 1080, 1280 × 720) 60Hz: 60fps (1920 × 1080, 1280 × 720)	50Hz: 25fps (2680 × 1520, 2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 30fps (2680 × 1520, 2560 × 1440, 1920 × 1080, 1280 × 720)	
Streams	5+5	5+5	5+5	5+5	5+5	5+5	
Protection Level	-	-	-	-	IK10	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°	
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)	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 micro SD/SDHC/SDXC slot, up to 256 GB	Built-in micro SD/SDHC/SDXC slot, up to 256 GB	Built-in micro SD/SDHC/SDXC slot, up to 256 GB	Built-in micro SD/SDHC/SDXC slot, up to 256 GB	Built-in micro SD/SDHC/SDXC slot, up to 256 GB	Built-in micro SD/SDHC/SDXC slot, up to 256 GB	
Indoor/Outdoor	Indoor	Indoor	Indoor	Indoor	Indoor	Indoor	
Audio I/O	1 inputs (line in), 1 output (line out), 3.5 mm connector, 2 channels, 1 built-in microphone	1 inputs (line in), 1 output (line out), 3.5 mm connector, 2 channels, 1 built-in microphone	1 inputs (line in), 1 output (line out), 3.5 mm connector, 2 channels, 1 built-in microphone	1 inputs (line in), 1 output (line out), 3.5 mm connector, 2 channels, 1 built-in microphone	1 input (line in), 3.5 mm connector; 1 output (line out), 3.5 mm connector, mono sound, 1 built-in microphone	1 input (line in), 3.5 mm connector; 1 output (line out), 3.5 mm connector, 1 built-in microphone	
Alarm I/O	2 inputs, 2 outputs (max. 24 VDC, 1A)	2 inputs, 2 outputs (max. 24 VDC, 1A)	2 inputs, 2 outputs (max. 24 VDC, 1A)	2 inputs, 2 outputs (max. 24 VDC, 1A)	1 input, 1 output (max. 24 VDC, 1 A)	1 input, 1 output (max. 24 VDC, 1 A)	
Power	12 VDC ± 20%, two-core terminal block, reverse polarity protection; 24 VAC ± 20%; PoE: 802.3af, Type 1 Class 3	12 VDC ± 20%, two-core terminal block, reverse polarity protection; 24 VAC ± 20%; PoE: 802.3af, Type 1 Class 3	12 VDC ± 20%, two-core terminal block, reverse polarity protection; 24 VAC ± 20%; PoE: 802.3af, Type 1 Class 3	12 VDC ± 20%, two-core terminal block, reverse polarity protection; 24 VAC ± 20%; PoE: 802.3af, Type 1 Class 3	12 VDC ± 20%, two-core terminal block, reverse polarity protection; 24 VAC ± 20%; PoE: 802.3af, Type 1 Class 3	12 VDC ± 20%, two-core terminal block, reverse polarity protection; 24 VAC ± 20%; PoE: 802.3af, Type 1 Class 3	12 VDC ± 20%, two-core terminal block, reverse polarity protection; 24 VAC ± 20%; PoE: 802.3af, Type 1 Class 3

Model	IDS-2CD718660-IZS	IDS-2CD71C560-IZS	IDS-2CD752660-IZHS(Y)(R)	IDS-2CD754660-IZHS(Y)(R)	IDS-2CD758660-IZHS(Y)(R)	IDS-2CD75C560-IZHS(Y)(R)	
Image	 DeepinView	 DeepinView	 DeepinView	 DeepinView	 DeepinView	 DeepinView	
Image Sensor	1/1.8" Progressive Scan CMOS	1/1.7" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.7" Progressive Scan CMOS	
Max. Resolution	3840 × 2160	4000 × 3000	1920 × 1080	2680 × 1520	3840 × 2160	4000 × 3000	
Video Compression	Main stream: H.265+/H.265/H.264+/ H.264 Sub-stream/Third stream/Fourth stream/Fifth stream/custom stream: H.265/H.264/MJPEG	Main stream: H.265+/H.265/H.264+/ H.264 Sub-stream/Third stream/Fourth stream/Fifth stream/custom stream: H.265/H.264/MJPEG	Main stream: H.265+/H.265/H.264+/ H.264 Sub-stream/Third stream/Fourth stream/Fifth stream/custom stream: H.265/H.264/MJPEG	Main stream: H.265+/H.265/H.264+/ H.264 Sub-stream/Third stream/Fourth stream/Fifth stream/custom stream: H.265/H.264/MJPEG	Main stream: H.265+/H.265/H.264+/ H.264 Sub-stream/Third stream/Fourth stream/Fifth stream/custom stream: H.265/H.264/MJPEG	Main stream: H.265+/H.265/H.264+/ H.264 Sub-stream/Third stream/Fourth stream/Fifth stream/custom stream: H.265/H.264/MJPEG	
Min. Illumination	Color: 0.009 Lux @ (F1.2, AGC ON); B/W: 0.0009 Lux @ (F1.2, AGC ON)	Color: 0.009 Lux @ (F1.2, AGC ON); B/W: 0.0009 Lux @ (F1.2, AGC ON)	Color: 0.001 Lux @ (F1.2, AGC ON); B/W: 0.0003 Lux @ (F1.2, AGC ON)	Color: 0.001 Lux @ (F1.2, AGC ON); B/W: 0.0003 Lux @ (F1.2, AGC ON)	Color: 0.009 Lux @ (F1.2, AGC ON); B/W: 0.0009 Lux @ (F1.2, AGC ON)	Color: 0.009 Lux @ (F1.2, AGC ON); B/W: 0.0009 Lux @ (F1.2, AGC ON)	
WDR	120 dB	DWDR	140 dB	140 dB	120 dB	DWDR	
Lens	2.8 to 12 mm or 8 to 32 mm	2.8 to 12 mm or 8 to 32 mm	2.8 to 12 mm or 8 to 32 mm	2.8 to 12 mm or 8 to 32 mm	2.8 to 12 mm or 8 to 32 mm	2.8 to 12 mm or 8 to 32 mm	
FOV	2.8 to 12 mm, horizontal FOV 112.3° to 41.2°, vertical FOV 58° to 23.1°, diagonal FOV 137.3° to 47.3° 8 to 32 mm, horizontal FOV 41.8° to 14.9°, vertical FOV 22.92° to 8.48°, diagonal FOV 48.7° to 17°	2.8 to 12 mm, horizontal FOV 96° to 46.2°, vertical FOV 69.2° to 27.2°, diagonal FOV 131° to 45.2° 8 to 32 mm, horizontal FOV 37.8° to 13.6°, vertical FOV 27.8° to 10.3°, diagonal FOV 48.6° to 17.4°	2.8 to 12 mm, horizontal FOV 107.3° to 39.8°, vertical FOV 55.9° to 22.3°, diagonal FOV 130.1° to 45.7° 8-32mm, horizontal FOV 40.3° to 14.4°, vertical FOV 22.1° to 8.2°, diagonal FOV 46.9° to 16.5°	2.8 to 12 mm, horizontal FOV 114.5° to 41.8°, vertical FOV 59.3° to 23.6°, diagonal FOV 141.1° to 48° 8 to 32mm, horizontal FOV 42.5° to 15.1°, vertical FOV 23.3° to 8.64°, diagonal FOV 49.6° to 17.3°	2.8 to 12 mm, horizontal FOV 112.3° to 41.2°, vertical FOV 58° to 23.1°, diagonal FOV 137.3° to 47.3° 8 to 32 mm, horizontal FOV 41.8° to 14.9°, vertical FOV 22.9° to 8.5°, diagonal FOV 48.7° to 17°	2.8 to 12 mm, horizontal FOV 96° to 46.2°, vertical FOV 69.2° to 27.2°, diagonal FOV 131° to 45.2° 8 to 32 mm, horizontal FOV 37.8° to 13.6°, vertical FOV 27.8° to 10.3°, diagonal FOV 48.6° to 17.4°	2.8 to 12 mm, horizontal FOV 96° to 46.2°, vertical FOV 69.2° to 27.2°, diagonal FOV 131° to 45.2° 8 to 32 mm, horizontal FOV 37.8° to 13.6°, vertical FOV 27.8° to 10.3°, diagonal FOV 48.6° to 17.4°
Max. IR Range	2.8 to 12 mm: 30 m 8 to 32 mm: 50 m	2.8 to 12 mm: 30 m 8 to 32 mm: 50 m	2.8 to 12 mm: 30 m 8 to 32 mm: 50 m	2.8 to 12 mm: 30 m 8 to 32 mm: 50 m	2.8 to 12 mm: 30 m 8 to 32 mm: 50 m	2.8 to 12 mm: 30 m 8 to 32 mm: 50 m	
VCA	Deep Learning-based algorithm: Multi-target-type Detection, Face Comparison, Face Capture, Face Recognition, Face Attributes, Premier Protection, Queue Management Traditional algorithm: Motion detection, video tampering alarm, exception, Counting	Deep Learning-based algorithm: Multi-target-type Detection, Face Comparison, Face Capture, Face Recognition, Face Attributes, Premier Protection, Queue Management Traditional algorithm: Motion detection, video tampering alarm, exception, Counting	Deep Learning-based algorithm: Multi-target-type Detection, Face Comparison, Face Capture, Face Recognition, Face Attributes, Premier Protection, Queue Management Traditional algorithm: Motion detection, video tampering alarm, exception, Counting	Deep Learning-based algorithm: Multi-target-type Detection, Face Comparison, Face Capture, Face Recognition, Face Attributes, Premier Protection, Queue Management Traditional algorithm: Motion detection, video tampering alarm, exception, Counting	Deep Learning-based algorithm: Multi-target-type Detection, Face Comparison, Face Capture, Face Recognition, Face Attributes, Premier Protection, Queue Management Traditional algorithm: Motion detection, video tampering alarm, exception, Counting	Deep Learning-based algorithm: Multi-target-type Detection, Face Comparison, Face Capture, Face Recognition, Face Attributes, Premier Protection, Queue Management Traditional algorithm: Motion detection, video tampering alarm, exception, Counting	
Frame Rate	50Hz: 25fps (3840 × 2160, 3200 × 1800, 2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 30fps (3840 × 2160, 3200 × 1800, 2560 × 1440, 1920 × 1080, 1280 × 720)	50Hz: 25fps (4096 × 2160, 3840 × 2160, 3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 30fps (4096 × 2160, 3840 × 2160, 3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720) 50Hz: 20fps (4000 × 3000) 60Hz: 20fps (4000 × 3000)	50 Hz: 50 fps (1920 × 1080, 1280 × 720) 60 Hz: 60 fps (1920 × 1080, 1280 × 720)	50 Hz: 25 fps (2680 × 1520, 2560 × 1440, 1920 × 1080, 1280 × 720) 60 Hz: 30 fps (2680 × 1520, 2560 × 1440, 1920 × 1080, 1280 × 720)	50 Hz: 25 fps (3840 × 2160, 3200 × 1800, 2560 × 1440, 1920 × 1080, 1280 × 720) 60 Hz: 30 fps (3840 × 2160, 3200 × 1800, 2560 × 1440, 1920 × 1080, 1280 × 720)	50 Hz: 25 fps (4096 × 2160, 3840 × 2160, 3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720) 60 Hz: 30 fps (4096 × 2160, 3840 × 2160, 3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720) 50 Hz: 20 fps (4000 × 3000) 60 Hz: 20 fps (4000 × 3000)	
Streams	5+5	5+5	5+5	5+5	5+5	5+5	
Protection Level	IK10	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 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]	-40 °C to 60 °C [-22 °F to 140 °F]	-40 °C to 60 °C [-22 °F to 140 °F]	-40 °C to 60 °C [-22 °F to 140 °F]	-40 °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 micro SD/SDHC/SDXC slot, up to 256 GB	Built-in micro SD/SDHC/SDXC slot, up to 256 GB	Built-in micro SD/SDHC/SDXC slot, up to 256 GB	Built-in micro SD/SDHC/SDXC slot, up to 256 GB	Built-in micro SD/SDHC/SDXC slot, up to 256 GB	Built-in micro SD/SDHC/SDXC slot, up to 256 GB	
Indoor/Outdoor	Indoor	Indoor	Outdoor	Outdoor	Outdoor	Outdoor	
Audio I/O	1 input (line in), 3.5 mm connector,; 1 output (line out), 3.5 mm connector, mono sound, 1 built-in microphone	1 input (line in), 3.5 mm connector,; 1 output (line out), 3.5 mm connector, mono sound, 1 built-in microphone	With -R: 2 built-in microphone Without -R: 1 input (line in), 3.5 mm connector, 1 output (line out), 3.5 mm connector, mono sound	With -R: 2 built-in microphone Without -R: 1 input (line in), 3.5 mm connector, 1 output (line out), 3.5 mm connector, mono sound	With -R: 2 built-in microphone Without -R: 1 input (line in), 3.5 mm connector, 1 output (line out), 3.5 mm connector, mono sound	With -R: 2 built-in microphone Without -R: 1 input (line in), 3.5 mm connector, 1 output (line out), 3.5 mm connector, mono sound	
Alarm I/O	1 input, 1 output (max. 24 VDC, 1 A)	1 input, 1 output (max. 24 VDC, 1 A)	1 input, 1 output (max. 24 VDC, 1 A)	1 input, 1 output (max. 24 VDC, 1 A)	1 input, 1 output (max. 24 VDC, 1 A)	1 input, 1 output (max. 24 VDC, 1 A)	
Power	12 VDC ± 20%, two-core terminal block, reverse polarity protection; 24 VAC ± 20%; PoE: 802.3af, Type 1 Class 3	12 VDC ± 20%, two-core terminal block, reverse polarity protection; 24 VAC ± 20%; PoE: 802.3af, Type 1 Class 3	12 VDC ± 20%, 10 to 48 VDC, two-core terminal block, reverse polarity protection; 24 VAC ± 20%, 15 to 36 VDC; PoE: 802.3at, Type 1, Class 4	12 VDC ± 20%, 10 to 48 VDC, two-core terminal block, reverse polarity protection; 24 VAC ± 20%, 15 to 36 VDC; PoE: 802.3at, Type 1, Class 4	12 VDC ± 20%, 10 to 48 VDC, two-core terminal block, reverse polarity protection; 24 VAC ± 20%, 15 to 36 VDC; PoE: 802.3at, Type 1, Class 4	12 VDC ± 20%, 10 to 48 VDC, two-core terminal block, reverse polarity protection; 24 VAC ± 20%, 15 to 36 VDC; PoE: 802.3at, Type 1, Class 4	12 VDC ± 20%, 10 to 48 VDC, two-core terminal block, reverse polarity protection; 24 VAC ± 20%, 15 to 36 VDC; PoE: 802.3at, Type 1, Class 4

Model	IDS-2CD7A2660-IZHS(Y)(R)	IDS-2CD7A4660-IZHS(Y)(R)	IDS-2CD7A8660-IZHS(Y)(R)	IDS-2CD7AC560-IZHS(Y)(R)	IDS-2CD702660/E-IHSY(R)	IDS-2CD704660/E-IHSY(F11)(R)	
Image	 <b>DeepinView</b>	 <b>DeepinView</b>	 <b>DeepinView</b>	 <b>DeepinView</b>	 <b>DeepinView</b>	 <b>DeepinView</b>	
Image Sensor	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.7" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	
Max. Resolution	1920 × 1080	2680 × 1520	3840 × 2160	4000 × 3000	1920 × 1080	2680 × 1520	
Video Compression	Main stream: H.265+/H.265/H.264+ / H.264 Sub-stream/Third stream/Fourth stream/Fifth stream/custom stream: H.265/H.264/MJPEG	Main stream: H.265+/H.265/H.264+ / H.264 Sub-stream/Third stream/Fourth stream/Fifth stream/custom stream: H.265/H.264/MJPEG	Main stream: H.265+/H.265/H.264+ / H.264 Sub-stream/Third stream/Fourth stream/Fifth stream/custom stream: H.265/H.264/MJPEG	Main stream: H.265+/H.265/H.264+ / H.264 Sub-stream/Third stream/Fourth stream/Fifth stream/custom stream: H.265/H.264/MJPEG	Main stream: H.265+/H.265/H.264+ / H.264 Sub-stream/Third stream/Fourth stream/Fifth stream/custom stream: H.265/H.264/MJPEG	Main stream: H.265+/H.265/H.264+ / H.264 Sub-stream/Third stream/Fourth stream/Fifth stream/custom stream: H.265/H.264/MJPEG	
Min. Illumination	Color: 0.001 Lux @ (F1.2, AGC ON); B/W: 0.0003 Lux @ (F1.2, AGC ON)	Color: 0.001 Lux @ (F1.2, AGC ON); B/W: 0.0003 Lux @ (F1.2, AGC ON)	Color: 0.009 Lux @ (F1.2, AGC ON); B/W: 0.0009 Lux @ (F1.2, AGC ON)	Color: 0.009 Lux @ (F1.2, AGC ON); B/W: 0.0009 Lux @ (F1.2, AGC ON)	Color: 0.002 Lux @ (F1.4, AGC ON); B/W: 0.0002 Lux @ (F1.4, AGC ON)	Color: 0.002 Lux @ (F1.4, AGC ON); B/W: 0.0002 Lux @ (F1.4, AGC ON)	
WDR	140 dB	140 dB	120 dB	DWDR	140 dB	140 dB	
Lens	2.8 to 12 mm or 8 to 32 mm	2.8 to 12 mm or 8 to 32 mm	2.8 to 12 mm or 8 to 32 mm	2.8 to 12 mm or 8 to 32 mm	CS mount	CS mount	
FOV	2.8 to 12 mm, horizontal FOV: 107.3° to 39.8°, vertical FOV: 55.9° to 22.3°, diagonal FOV: 130.1° to 45.7° 8 to 32 mm, horizontal FOV: 40.3° to 14.4°, vertical FOV: 22.1° to 8.2°, diagonal FOV: 46.9° to 16.5°	2.8 to 12 mm, horizontal FOV: 114.5° to 41.8°, vertical FOV: 59.3° to 23.6°, diagonal FOV: 141.1° to 48° 8 to 32 mm, horizontal FOV: 42.5° to 15.1°, vertical FOV: 23.3° to 8.64°, diagonal FOV: 49.6° to 17.3°	2.8 to 12 mm, horizontal FOV: 112.3° to 41.2°, vertical FOV: 58° to 23.1°, diagonal FOV: 137.3° to 47.3° 8 to 32 mm, horizontal FOV: 41.8° to 14.9°, vertical FOV: 22.92° to 8.48°, diagonal FOV: 48.7° to 17°	2.8 to 12 mm, horizontal FOV: 96.2° to 36.4°, vertical FOV: 69.3° to 27.2°, diagonal FOV: 129.4° to 45.5° 8 to 32 mm, horizontal FOV: 40.2° to 14.4°, vertical FOV: 29.6° to 10.8°, diagonal FOV: 51.47° to 17.8°	3.8 to 16 mm, horizontal FOV: 109.1° to 29.6°, vertical FOV: 61.3° to 16.8°, diagonal FOV: 125.1° to 33.9° 11 to 40 mm, horizontal FOV: 39.1° to 12.1°, vertical FOV: 21.4° to 6.8°, diagonal FOV: 45.8° to 13.9°	3.8 to 16 mm, horizontal FOV: 109.1° to 29.6°, vertical FOV: 61.3° to 16.8°, diagonal FOV: 125.1° to 33.9° 11 to 40 mm, horizontal FOV: 39.1° to 12.1°, vertical FOV: 21.4° to 6.8°, diagonal FOV: 45.8° to 13.9°	3.8 to 16 mm, horizontal FOV: 109.1° to 29.6°, vertical FOV: 61.3° to 16.8°, diagonal FOV: 125.1° to 33.9° 11 to 40 mm, horizontal FOV: 39.1° to 12.1°, vertical FOV: 21.4° to 6.8°, diagonal FOV: 45.8° to 13.9°
Max. IR Range	2.8 to 12 mm: 50 m 8 to 32 mm: 80 m	2.8 to 12 mm: 50 m 8 to 32 mm: 80 m	2.8 to 12 mm: 50 m 8 to 32 mm: 80 m	2.8 to 12 mm: 50 m 8 to 32 mm: 80 m	3.8 to 12 mm: 80 m 11 to 40 mm: 120 m	3.8 to 16 mm: 80 m 11 to 40 mm: 120 m	
VCA	Deep Learning-based algorithm: Multi-target-type Detection, Face Comparison, Face Capture, Face Recognition, Face Attributes, Premier Protection, Queue Management Traditional algorithm: Motion detection, video tampering alarm, exception, Counting	Deep Learning-based algorithm: Multi-target-type Detection, Face Comparison, Face Capture, Face Recognition, Face Attributes, Premier Protection, Queue Management Traditional algorithm: Motion detection, video tampering alarm, exception, Counting	Deep Learning-based algorithm: Multi-target-type Detection, Face Comparison, Face Capture, Face Recognition, Face Attributes, Premier Protection, Queue Management Traditional algorithm: Motion detection, video tampering alarm, exception, Counting	Deep Learning-based algorithm: Multi-target-type Detection, Face Comparison, Face Capture, Face Recognition, Face Attributes, Premier Protection, Queue Management Traditional algorithm: Motion detection, video tampering alarm, exception, Counting	Deep Learning-based algorithm: Multi-target-type Detection, Face Comparison, Face Capture, Face Recognition, Face Attributes, Premier Protection, Queue Management Traditional algorithm: Motion detection, video tampering alarm, exception, Counting	Deep Learning-based algorithm: Multi-target-type Detection, Face Comparison, Face Capture, Face Recognition, Face Attributes, Premier Protection, Queue Management Traditional algorithm: Motion detection, video tampering alarm, exception, Counting	
Frame Rate	50Hz: 50fps (1920 × 1080, 1280 × 720) 60Hz: 60fps (1920 × 1080, 1280 × 720)	50Hz: 25fps (2680 × 1520, 2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 30fps (2680 × 1520, 2560 × 1440, 1920 × 1080, 1280 × 720)	50Hz: 25 fps (3840 × 2160, 3200 × 1800, 2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 30 fps (3840 × 2160, 3200 × 1800, 2560 × 1440, 1920 × 1080, 1280 × 720)	50Hz: 25fps (4096 × 2160, 3840 × 2160, 3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 30fps (4096 × 2160, 3840 × 2160, 3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720) 50Hz: 20fps (4000 × 3000) 60Hz: 20fps (4000 × 3000)	50 Hz: 50 fps (1920 × 1080, 1280 × 720) 60 Hz: 60 fps (1920 × 1080, 1280 × 720)	50 Hz: 25 fps (2680 × 1520, 2560 × 1440, 1920 × 1080, 1280 × 720) 60 Hz: 30 fps (2680 × 1520, 2560 × 1440, 1920 × 1080, 1280 × 720)	
Streams	5+5	5+5	5+5	5+5	5+5	5+5	
Protection Level	IP67, IK10	IP67, IK10	IP67, IK10	IP67, IK10	IP66, IK10	IP66, IK10	
Angle Adjustment	Bracket, pan: 0° to 355°, tilt: 0° to 90°, rotate: 0° to 360°	Bracket, pan: 0° to 355°, tilt: 0° to 90°, rotate: 0° to 360°	Bracket, pan: 0° to 355°, tilt: 0° to 90°, rotate: 0° to 360°	Bracket, pan: 0° to 355°, tilt: 0° to 90°, rotate: 0° to 360°	-	-	
Operating Temperature	-40 °C to 60 °C [-22 °F to 140 °F]	-40 °C to 60 °C [-22 °F to 140 °F]	-40 °C to 60 °C [-22 °F to 140 °F]	-40 °C to 60 °C [-22 °F to 140 °F]	-40 °C to 65 °C [-40 °F to 149 °F]	-40 °C to 65 °C [-40 °F to 149 °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)	95% or less (non-condensing)	Humidity 95% or less (non-condensing)	
Local 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 micro SD/SDHC/SDXC slot, up to 256 GB	Built-in micro SD/SDHC/SDXC slot, up to 256 GB	Built-in micro SD/SDHC/SDXC slot, up to 256 GB	Built-in micro SD/SDHC/SDXC slot, up to 256 GB	
Indoor/Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	
Audio I/O	With -R: not support with -IZHSY 1 input (line in), 3.5 mm connector, 1 output (line out), 3.5 mm connector, mono sound	With -R: not support with -IZHSY 1 input (line in), 3.5 mm connector, 1 output (line out), 3.5 mm connector, mono sound	With -R: not support with -IZHSY 1 input (line in), 3.5 mm connector, 1 output (line out), 3.5 mm connector, mono sound	With -R: not support with -IZHSY 1 input (line in), 3.5 mm connector, 1 output (line out), 3.5 mm connector, mono sound	With -R: not support Without -R: 1 input (line in), 1 output (line out), 3.5 mm connector, 2 channels	With -R: not support Without -R: 1 input (line in), 1 output (line out), 3.5 mm connector, 2 channels	
Alarm I/O	2 input, 2 outputs (max. 24 VDC, 1 A)	2 input, 2 outputs (max. 24 VDC, 1 A)	2 input, 2 outputs (max. 24 VDC, 1 A)	2 input, 2 outputs (max. 24 VDC, 1 A)	2 inputs, 2 outputs (max. 24 VDC, 1 A)	2 inputs, 2 outputs (max. 24 VDC, 1 A)	
Power	12 VDC ± 20%, three-core terminal block, reverse polarity protection; PoE: 802.3at, Type 2 Class 4	12 VDC ± 20%, three-core terminal block, reverse polarity protection; PoE: 802.3at, Type 2 Class 4	12 VDC ± 20%, three-core terminal block, reverse polarity protection; PoE: 802.3at, Type 2 Class 4	12 VDC ± 20%, three-core terminal block, reverse polarity protection; PoE: 802.3at, Type 2 Class 4	12 VDC ± 20%, three-core terminal block, reverse polarity protection; 24 VAC ± 20%; PoE: 802.3bt, Type3, Class 5	12 VDC ± 20%, three-core terminal block, reverse polarity protection; 24 VAC ± 20%; PoE: 802.3bt, Type3, Class 5	

Model	IDS-2CD708660/E-IHSY(R)	IDS-2CD70C560/E-IHSY(R)	IDS-2CD7A2660/P-IZHS(Y)	IDS-2CD7A4660/P-IZHS(Y)
Image	 <b>DeepinView</b>	 <b>DeepinView</b>	 <b>(ANPR) DeepinView</b>	 <b>(ANPR) DeepinView</b>
Image Sensor	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS
Max. Resolution	3840 × 2160	4000 × 3000	1920 × 1080	2680 × 1520
Video Compression	Main stream: H.265+/H.265/H.264+/H.264 Sub-stream/Third stream/Fourth stream/Fifth stream/ custom stream:H.265/H.264/MJPEG	Main stream: H.265+/H.265/H.264+/H.264 Sub-stream/Third stream/Fourth stream/Fifth stream/ custom stream:H.265/H.264/MJPEG	Main stream: H.265+/H.265/H.264+/H.264 Sub-stream/Third stream/Fourth stream/Fifth stream/ custom stream:H.265/H.264/MJPEG	Main stream: H.265+/H.265/H.264+/H.264 Sub-stream/Third stream/Fourth stream/Fifth stream/ custom stream:H.265/H.264/MJPEG
Min. Illumination	Color: 0.002 Lux @ (F1.4, AGC ON); B/W: 0.0002 Lux @ (F1.4, AGC ON)	Color: 0.002 Lux @ (F1.4, AGC ON); B/W: 0.0002 Lux @ (F1.4, AGC ON)	Color: 0.001 Lux @ (F1.2, AGC ON); B/W: 0.0003 Lux @ (F1.2, AGC ON)	Color: 0.001 Lux @ (F1.2, AGC ON); B/W: 0.0003 Lux @ (F1.2, AGC ON)
WDR	120 dB	DWDR	140 dB	140 dB
Lens	CS mount	CS mount	2.8 to 12 mm or 8 to 32 mm	2.8 to 12 mm or 8 to 32 mm
FOV	3.8 to 16 mm, horizontal FOV: 107.4° to 29.1°, vertical FOV: 60.0° to 16.5°, diagonal FOV: 123.1° to 33.4° 11 to 40 mm, horizontal FOV: 38.4° to 11.9°, vertical FOV: 20.9° to 6.7°, diagonal FOV: 44.9° to 13.7°	3.8 to 16 mm, horizontal FOV: 103.5° to 28.1°, vertical FOV: 77.3° to 21.1°, diagonal FOV: 129.3° to 35.0° 11 to 40 mm, horizontal FOV: 36.9° to 11.5°, vertical FOV: 27.1° to 8.6°, diagonal FOV: 47.5° to 14.4°	2.8 to 12 mm, horizontal FOV: 107.3° to 39.8°, vertical FOV: 55.9° to 22.3°, diagonal FOV: 130.1° to 45.7° 8 to 32 mm, horizontal FOV: 40.3° to 14.4°, vertical FOV: 22.1° to 8.2° diagonal FOV: 46.9° to 16.5°	2.8 to 12 mm, horizontal FOV: 114.5° to 41.8°, vertical FOV: 59.3° to 23.6°, diagonal FOV: 141.1° to 48° 8 to 32 mm, horizontal FOV: 42.5° to 15.1°, vertical FOV: 23.3° to 8.64°, diagonal FOV: 49.6° to 17.3
Max. IR Range	3.8 to 16 mm: 80 m 11 to 40 mm: 120 m	3.8 to 16 mm: 80 m 11 to 40 mm: 120 m	2.8-12mm:50m 8-32mm:100m	2.8-12mm:50m 8-32mm:100m
VCA	Deep Learning-based algorithm: Multi-target-type Detection, Face Comparison, Face Capture, Face Recognition, Face Attributes, Premier Protection, Queue Management Traditional algorithm: Motion detection, video tampering alarm, exception, Counting	Deep Learning-based algorithm: Multi-target-type Detection, Face Comparison, Face Capture, Face Recognition, Face Attributes, Premier Protection, Queue Management Traditional algorithm: Motion detection, video tampering alarm, exception, Counting	Deep Learning-based algorithm: Premier Protection, Road Traffic and Vehicle Detection Traditional algorithm: Motion detection, video tampering alarm, exception	Deep Learning-based algorithm: Premier Protection, Road Traffic and Vehicle Detection Traditional algorithm: Motion detection, video tampering alarm, exception
Frame Rate	50Hz: 25fps (3840 × 2160, 3200 × 1800, 2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 30fps (3840 × 2160, 3200 × 1800, 2560 × 1440, 1920 × 1080, 1280 × 720)	50 Hz: 25 fps (4096 × 2160, 3840 × 2160, 3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720) 60 Hz: 30 fps (4096 × 2160, 3840 × 2160, 3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720) 50 Hz: 20 fps (4000 × 3000) 60 Hz: 20 fps (4000 × 3000)	50Hz: 50fps (1920 × 1080, 1280 × 720) 60Hz: 60fps (1920 × 1080, 1280 × 720)	50Hz: 25fps (2680 × 1520, 2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 30fps (2680 × 1520, 2560 × 1440, 1920 × 1080, 1280 × 720)
Streams	5+5	5+5	5+5	5+5
Protection Level	IP66, IK10	IP66, IK10	IP67, IK10	IP67, IK10
Angle Adjustment	-	-	Bracket, pan: 0° to 355°, tilt: 0° to 90°, rotate: 0° to 360°	Bracket, pan: 0° to 355°, tilt: 0° to 90°, rotate: 0° to 360°
Operating Temperature	-40 °C to 65 °C (-40 °F to 149 °F)	-40 °C to 65 °C (-40 °F to 149 °F)	-40 °C to 60 °C (-22 °F to 140 °F)	-40 °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)
Local 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 micro SD/SDHC/SDXC slot, up to 256 GB	Built-in micro SD/SDHC/SDXC slot, up to 256 GB
Indoor/Outdoor	Outdoor	Outdoor	Outdoor	
Audio I/O	With -R: not support Without -R: 1 input (line in), 1 output (line out), 3.5 mm connector, 2 channels	With -R: not support Without -R: 1 input (line in), 1 output (line out), 3.5 mm connector, 2 channels	Without -Y: not support with -Y 1 input (line in), 3.5 mm connector, 1 output (line out), 3.5 mm connector, mono sound	Without -Y: not support with -Y 1 input (line in), 3.5 mm connector, 1 output (line out), 3.5 mm connector, mono sound
Alarm I/O	2 inputs, 2 outputs (max. 24 VDC, 1A)	2 inputs, 2 outputs (max. 24 VDC, 1A)	2 input, 2 outputs (max. 24 VDC, 1 A)	2 input, 2 outputs (max. 24 VDC, 1 A)
Power	12 VDC ± 20%, two-core terminal block, reverse polarity protection; 24 VAC ± 20%; PoE: 802.3bt, Type3, Class 5	12 VDC ± 20%, two-core terminal block, reverse polarity protection; 24 VAC ± 20%; PoE: 802.3bt, Type3, Class 5	12 VDC ± 20%, three-core terminal block, reverse polarity protection; PoE: 802.3at, Type 2 Class 4	12 VDC ± 20%, three-core terminal block, reverse polarity protection; PoE: 802.3at, Type 2 Class 4

Model	IDS-2CD702660/EP-IHSY	IDS-2CD704660/EP-IHSY
Image	 <b>NEW</b> 	 <b>NEW</b> 
Image Sensor	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS
Max. Resolution	1920 × 1080	2688 × 1520
Video Compression	Main stream: H.265+/H.265/H.264+/H.264 Sub-stream/third stream/fourth stream/fifth stream/custom stream: H.265/H.264/MJPEG	Main stream: H.265+/H.265/H.264+/H.264Sub-stream/Third stream/Fourth stream/Fifth stream/custom stream:H.265/H.264/MJPEG
Min. Illumination	Color: 0.002 Lux @ (F1.4, AGC ON); B/W: 0.002 Lux @ (F1.4, AGC ON)	Color: 0.002 Lux @ (F1.4, AGC ON); B/W: 0.002 Lux @ (F1.4, AGC ON)
WDR	140 dB	140 dB
Lens	CS mount	CS mount
FOV	3.8 to 16 mm, horizontal FOV: 109.1° to 29.6°, vertical FOV: 61.3° to 16.8°, diagonal FOV: 125.1° to 33.9° 11 to 40 mm, horizontal FOV: 39.1° to 12.1°, vertical FOV: 21.4° to 6.8°, diagonal FOV: 45.8° to 13.9°	3.8 to 16 mm, horizontal FOV: 109.1° to 29.6°, vertical FOV: 61.3° to 16.8°, diagonal FOV: 125.1° to 33.9° 11 to 40 mm, horizontal FOV: 39.1° to 12.1°, vertical FOV: 21.4° to 6.8°, diagonal FOV: 45.8° to 13.9°
Max. IR Range	3.8 to 16 mm: 80 m 11 to 40 mm: 120 m	3.8 to 16 mm: 80 m 11 to 40 mm: 120 m
VCA	Deep Learning-based algorithm: Premier Protection, Road Traffic and Vehicle Detection Traditional algorithm: Motion detection, video tampering alarm, exception	Deep Learning-based algorithm: Premier Protection, Road Traffic and Vehicle Detection Traditional algorithm: Motion detection, video tampering alarm, exception
Frame Rate	50Hz: 50fps (1920 × 1080, 1280 × 720) 60Hz: 60fps (1920 × 1080, 1280 × 720)	50Hz: 25fps (2688 × 1520, 2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 30fps (2688 × 1520, 2560 × 1440, 1920 × 1080, 1280 × 720)
Streams	5+5	5+5
Protection Level	IP66, IK10	IP66, IK10
Angle Adjustment	-	-
Operating Temperature	-40 °C to 65 °C (-40 °F to 149 °F)	-40 °C to 65 °C (-40 °F to 149 °F)
Humidity	Humidity 95% or less (non-condensing)	Humidity 95% or less (non-condensing)
Local Storage	Built-in micro SD/SDHC/SDXC slot, up to 256 GB	Built-in micro SD/SDHC/SDXC slot, up to 256 GB
Indoor/Outdoor	Outdoor	Outdoor
Audio I/O	1 inputs (line in), 1 output (line out), 3.5 mm connector, 2 channels,	1 input (line in), 1 output (line out), 3.5 mm connector, 2 channels,
Alarm I/O	2 inputs, 2 outputs (max. 24 VDC, 1A)	2 inputs, 2 outputs (max. 24 VDC, 1 A)
Power	12 VDC ± 20%, two-core terminal block, reverse polarity protection; 24 VAC ± 20%; PoE: 802.3bt, Type3 Class 5	12 VDC ± 20%, two-core terminal block, reverse polarity protection; 24 VAC ± 20%; PoE: 802.3bt, Type3, Class 5

Model	DS-2CD682560/C-IS	DS-2CD682560/C-IVS
Image	 <b>HOT</b> 	 <b>HOT</b> 
Image Sensor	1/1.2.7" Progressive Scan CMOS	1/1.2.7" Progressive Scan CMOS
Max. Resolution	1920 × 1080	1920 × 1080
Video Compression	Main stream: H.265+/H.265/H.264+/H.264 Sub stream: H.265/H.264/MJPEG	Main stream: H.265+/H.265/H.264+/H.264 Sub stream: H.265/H.264/MJPEG
Min. Illumination	Color: 0.0176 Lux @ (F2.25, AGC ON) B/W: 0.0035 Lux @ (F2.2.5, AGC ON)	Color: 0.0176 Lux @ (F2.25, AGC ON) B/W: 0.0035 Lux @ (F2.2.5, AGC ON)
WDR	Digital WDR	Digital WDR
Lens	2 mm	2 mm
FOV	Horizontal FOV 104.5°, vertical FOV 70.5°, diagonal FOV 112°	Horizontal FOV 104.5°, vertical FOV 70.5°, diagonal FOV 112°
Max. IR Range	6 m	6 m
VCA	Counts people entering and exiting separately Supports real-time uploading and uploading by statistic cycle Sends email reports on daily, weekly, monthly or annually basis Supports target filtering by height	Counts people entering and exiting separately Supports real-time uploading and uploading by statistic cycle Sends email reports on daily, weekly, monthly or annually basis Supports target filtering by height
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)
Streams	2	2
Protection Level	-	IP67
Angle Adjustment	-	-
Operating Temperature	-30 °C to +45 °C (-22 °F to +113 °F)	-30 °C to +45 °C (-22 °F to +113 °F)
Humidity	95% or less (non-condensing)	95% or less (non-condensing)
Local Storage	-	-
Indoor/Outdoor	Indoor	Outdoor
Audio I/O	1 built-in mic -S: 1 input (line in, two-core terminal block), 1 output (two-core terminal block), mono sound	1 built-in mic -S: 1 input (line in, two-core terminal block), 1 output (two-core terminal block), mono sound
Alarm I/O	1 input, 1 output (max. 24 VDC, 1 A)	1 input, 1 output (max. 24 VDC, 1 A)
Power	12 VDC±20%, reverse polarity protection, Ø5.5mm coaxial power plug 12 VDC, PoE (36 to 57 VDC, 802.3af), Calss3	12 VDC±20%, reverse polarity protection, Ø5.5mm coaxial power plug 12 VDC, PoE (36 to 57 VDC, 802.3af), Calss3

# Ultra Series Network Cameras





- › Ultra Series Cameras easily meet the requirements for projects with surprisingly high performance, excellent stability and network security
- › Excellent adaptability to lighting conditions with DarkFighter and ColorVu technologies
- › False alarm reduction through human and vehicle target classification based on AcuSense technology
- › Excellent stability: dual-file system backup, wide voltage range, NEMA 4X anti-corrosion, etc.
- › Loaded with advanced security functionalities to increase your system's cyber defense capabilities, including 802.1x EAP-TLS 1.2, security audit log, stream encryption, SFTP, SD card encryption, etc.
- › Supports HEOP, Metadata, ONVIF, ISAPI, SDK, and E-Home to make integration easier





Model	DS-2CD502660-(AP)	DS-2CD504660-(AP)	DS-2CD508560-(AP)	DS-2CD50C560-(AP)
Image	 	 		
Image Sensor	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.7" Progressive Scan CMOS
Max. Resolution	1920 × 1080	2560 × 1440	3840×2160	4000 × 3000
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
Min. Illumination	Color: 0.002 Lux @ (F1.2, AGC ON); B/W: 0.0002 Lux @ (F1.2, AGC ON)	Color: 0.002 Lux @ (F1.2, AGC ON); B/W: 0.0002 Lux @ (F1.2, AGC ON)	Color: 0.007 Lux @ (F1.2, AGC ON); B/W: 0.0007 Lux @ (F1.2, AGC ON)	Color: 0.008 Lux @ (F1.2, AGC ON); B/W: 0.0008 Lux @ (F1.2, AGC ON) 0 Lux with IR
WDR	140 dB	140 dB	120 dB	DWDR
Lens	-	-	-	-
FOV	-	-	-	-
Max. IR Range	-	-	-	-
VCA	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection
Frame Rate	50Hz: 50fps (1920×1080, 1280×960, 1280×720) 60Hz: 60fps (1920×1080, 1280×960, 1280×720)	50Hz: 25fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 30fps (2560 × 1440, 1920 × 1080, 1280 × 720)	50Hz: 25fps (3840×2160, 3200×1800, 2560×1440, 1920×1080, 1280×720) 60Hz: 30fps (3840×2160, 3200×1800, 2560×1440, 1920×1080, 1280×720)	50Hz: 20fps(4000 × 3000), 25fps (4096 × 2160, 3840 × 2160, 3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 20fps(4000 × 3000), 30fps (4096 × 2160, 3840 × 2160, 3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720)
Multi-Streaming	5+5	5+5	5+5	5+5
Protection Level	-	-	-	-
Angle Adjustment	-	-	-	-
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)
Operating 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)
Local 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 micro SD/SDHC/SDXC slot, up to 256 GB	Built-in micro SD/SDHC/SDXC slot, up to 256 GB
Audio I/O	1 input (line in), 1 output (line out), mono	1 input (line in), 1 output (line out), mono	1 input (line in), 1 output (line out), mono	1 input (line in), 1 output (line out), mono
Alarm I/O	2 inputs, 2 outputs	2 inputs, 2 outputs	2 inputs, 2 outputs	2 inputs, 2 outputs
Installation	-	-	-	-
Power Supply	12 VDC is recommended, 10 to 48 VDC; 24 VAC (-25%, +24.9%); two-core terminal block; PoE (802.3af, class 3); Reverse polarity protection	12 VDC is recommended, 10 to 48 VDC; 24 VAC (-25%, +24.9%); two-core terminal block; PoE (802.3af, class 3); Reverse polarity protection	12 VDC is recommended, 10 to 48 VDC; 24 VAC (-25%, +24.9%); two-core terminal block; PoE (802.3af, class 3); Reverse polarity protection	12 VDC is recommended, 10 to 48 VDC; 24 VAC (-25%, +24.9%); two-core terminal block; PoE (802.3af, class 3); Reverse polarity protection

Model	DS-2CD512660-IZS	DS-2CD514660-IZS	DS-2CD518560-IZS	DS-2CD51C560-IZS
Image	 	 		
Image Sensor	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.7" Progressive Scan CMOS
Max. Resolution	1920×1080	2560 × 1440	3840×2160	4000×3000
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
Min. Illumination	Color: 0.002 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.002 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.007 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.008 Lux @ (F1.2, AGC ON), 0 Lux with IR
WDR	140 dB	140 dB	120 dB	DWDR
Lens	2.8 to 12 mm	2.8 to 12 mm	2.8 to 12 mm	2.8 to 12 mm
FOV	horizontal FOV 103.3° to 38.6°, vertical FOV 54.2° to 21.9°, diagonal FOV 124.2° to 44.3°	horizontal FOV 109.2° to 38.9°, vertical FOV 56.2° to 21.9°, diagonal FOV 134.5° to 45°	horizontal FOV 112.4° to 41°, vertical FOV 58° to 23°, diagonal FOV 137° to 47°	horizontal FOV 101° to 36.1°, vertical FOV 72° to 27.2°, diagonal FOV 130° to 45.2°
Max. IR Range	30 m	30 m	30 m	30 m
VCA	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection
Frame Rate	50Hz: 50fps (1920×1080, 1280×960, 1280×720) 60Hz: 60fps (1920×1080, 1280×960, 1280×720)	50Hz: 25fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 30fps (2560 × 1440, 1920 × 1080, 1280 × 720)	50Hz: 25fps (3840×2160, 3200×1800, 2560×1440, 1920×1080, 1080×720) 60Hz: 30fps (3840×2160, 3200×1800, 2560×1440, 1920×1080, 1080×720)	50Hz: 20fps(4000 × 3000), 25fps (4096 × 2160, 3840 × 2160, 3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 20fps(4000 × 3000), 30fps (4096 × 2160, 3840 × 2160, 3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720)
Multi-Streaming	5+5	5+5	5+5	5+5
Protection Level	IK10	IK10	IK10	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°
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)
Operating 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)
Local 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 micro SD/SDHC/SDXC slot, up to 256 GB	Built-in micro SD/SDHC/SDXC slot, up to 256 GB
Audio I/O	1 input (line in, 3.5 mm), 1 output (line out, 3.5 mm), mono sound	1 input (line in, 3.5 mm), 1 output (line out, 3.5 mm), mono sound	1 input (line in, 3.5 mm), 1 output (line out, 3.5 mm), mono sound	1 input (line in, 3.5 mm), 1 output (line out, 3.5 mm), mono sound
Alarm I/O	1 input, 1 output	1 input, 1 output	1 input, 1 output	1 input, 1 output
Installation	-	-	-	-
Power Supply	12 VDC is recommended, 10 to 48 VDC; reverse polarity protection; two-core terminal block; PoE (802.3af, class 3)	12 VDC is recommended, 10 to 48 VDC; reverse polarity protection; two-core terminal block; PoE (802.3af, class 3)	12 VDC is recommended, 10 to 48 VDC; reverse polarity protection; two-core terminal block; PoE (802.3af, class 3)	12 VDC is recommended, 10 to 48 VDC; reverse polarity protection; two-core terminal block; PoE (802.3af, class 3)

Model	DS-2CD5A2660-IZ(H)S	DS-2CD5A2660-IZ(H)SY	DS-2CD5A4660-IZ(H)S	DS-2CD5A4660-IZ(H)SY	DS-2CD5A8560-IZ(H)S	DS-2CD5AC560-IZ(H)S
<b>Image</b>	 <b>DarkFighter</b>	 <b>DarkFighter</b>	 <b>DarkFighter</b>	 <b>DarkFighter</b>	 <b>DarkFighter</b>	 <b>DarkFighter</b>
<b>Image Sensor</b>	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.7" Progressive Scan CMOS
<b>Max. Resolution</b>	1920×1080	1920×1080	2560 × 1440	2560 × 1440	3840 × 2160	4000×3000
<b>Video Compression</b>	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
<b>Min. Illumination</b>	Color: 0.004 Lux @ (F1.6, AGC ON), 0 Lux with IR	Color: 0.002 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.005 Lux @ (F1.8, AGC ON), 0 Lux with IR on	Color: 0.002 Lux @ (F1.2, AGC ON), 0 Lux with IR on	Color: 0.016 Lux @ (F1.8, AGC ON), 0 Lux with IR on	Color: 0.018 Lux @ (F1.8, AGC ON), 0 Lux with IR on
<b>WDR</b>	140 dB	140 dB	140 dB	140 dB	120 dB	DWDR
<b>Lens</b>	2.8 to 12 mm, 8 to 32 mm	2.8 to 12 mm	2.8 to 12 mm, 8 to 32mm	2.8 to 12 mm	2.8 to 12 mm, 8 to 32 mm	2.8 to 12 mm
<b>FOV</b>	2.8 to 12 mm, horizontal FOV 103.3° to 38.6°, vertical FOV 54.2° to 21.9°, diagonal FOV 124.2° to 44.3° 8 to 32 mm, horizontal FOV 42.5° to 13.4°, vertical FOV 23.4° to 7.7°, diagonal FOV 49° to 15.3°	2.8 to 12 mm, horizontal FOV 103.3° to 38.6°, vertical FOV 54.2° to 21.9°, diagonal FOV 124.2° to 44.3°	2.8 to 12 mm, horizontal FOV 109.2° to 38.9°, vertical FOV 56.2° to 21.9°, diagonal FOV 134.5° to 45° 8 to 32 mm, horizontal FOV 37.7° to 15.2°, vertical FOV 21° to 8.6°, diagonal FOV 43.3° to 17.24°	2.8 to 12 mm, horizontal FOV 109.2° to 38.9°, vertical FOV 56.2° to 21.9°, diagonal FOV 134.5° to 45°	2.8 to 12 mm, horizontal FOV 112.4° to 41°, vertical FOV 58° to 23°, diagonal FOV 137° to 47° 8 to 32 mm, horizontal FOV 39° to 15.6°, vertical FOV 21.8° to 8.9°, diagonal FOV 45° to 17.8°	2.8 to 12 mm, horizontal FOV 101° to 36.1°, vertical FOV 72° to 27.2°, diagonal FOV 130° to 45.2°
<b>Max. IR Range</b>	2.8 to 12 mm lens: 50 m 8 to 32 mm lens: 100 m	50 m	2.8-12 mm lens: 50 m 8-32 mm lens: 100 m	50 m	2.8-12 mm lens: 50 m 8-32 mm lens: 100 m	50 m
<b>VCA</b>	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection
<b>Frame Rate</b>	50Hz: 50fps (1920×1080, 1280×960, 1280×720) 60Hz: 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, 1920 × 1080, 1280 × 720) 60Hz: 30fps (2560 × 1440, 1920 × 1080, 1280 × 720)	50Hz: 25fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 30fps (2560 × 1440, 1920 × 1080, 1280 × 720)	50Hz: 25fps (3840×2160, 3200×1800, 2560×1440, 1920×1080, 1280×720) 60Hz: 30fps (3840×2160, 3200×1800, 2560×1440, 1920×1080, 1280×720)	50Hz: 20fps(4000 × 3000), 25fps (4096 × 2160, 3840 × 2160, 3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 20fps(4000 × 3000), 30fps (4096 × 2160, 3840 × 2160, 3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720)
<b>Multi-Streaming</b>	5+5	5+5	5+5	5+5	5+5	5+5
<b>Protection Level</b>	IP67, IK10	IP67, IK10, Anti-Corrosion Standard: NEMA 4X	IP67, IK10	IP67, IK10, Anti-Corrosion Standard: NEMA 4X	IP67, IK10	IP67, IK10
<b>Angle Adjustment</b>	Bracket, pan: 0° to 355°, tilt: 0° to 90°, rotate: 0° to 360°	Bracket, pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 360°	Bracket, pan: 0° to 355°, tilt: 0° to 90°, rotate: 0° to 360°	Bracket, pan: 0° to 355°, tilt: 0° to 90°, rotate: 0° to 360°	Bracket, pan: 0° to 355°, tilt: 0° to 90°, rotate: 0° to 360°	Bracket, pan: 0° to 355°, tilt: 0° to 90°, rotate: 0° to 360°
<b>Operating Temperature</b>	-30 °C to 65°C (-22 °F to 149 °F), -H: -40 °C to 65 °C (-40 °F to 149 °F)	-30 °C to 65°C (-22 °F to 149 °F), -H: -40 °C to 65 °C (-40 °F to 149 °F)	-30 °C to 65°C (-22 °F to 149 °F), -H: -40 °C to 65 °C (-40 °F to 149 °F)	-30 °C to 65°C (-22 °F to 149 °F), -H: -40 °C to 65 °C (-40 °F to 149 °F)	-30 °C to 65°C (-22 °F to 149 °F), -H: -40 °C to 65 °C (-40 °F to 149 °F)	-30 °C to 65°C (-22 °F to 149 °F), -H: -40 °C to 65 °C (-40 °F to 149 °F)
<b>Operating Humidity</b>	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)
<b>Local Storage</b>	Built-in micro SD/SDHC/SDXC slot, up to 256 GB	Built-in micro SD/SDHC/SDXC slot, up to 256 GB	Built-in micro SD/SDHC/SDXC slot, up to 256 GB	Built-in micro SD/SDHC/SDXC slot, up to 256 GB	Built-in micro SD/SDHC/SDXC slot, up to 256 GB	Built-in micro SD/SDHC/SDXC slot, up to 256 GB
<b>Audio I/O</b>	-	-	-	-	-	-
<b>Alarm I/O</b>	2 inputs, 2 outputs	2 inputs, 2 outputs	2 inputs, 2 outputs	2 inputs, 2 outputs	2 inputs, 2 outputs	2 inputs, 2 outputs
<b>Installation</b>	-	-	-	-	-	-
<b>Power Supply</b>	12 VDC ± 20%, two-core terminal block; reverse polarity protection, PoE (802.3at, class 4)	12 VDC ± 20%, three-core terminal block; reverse polarity protection, PoE (802.3at, type 2, class 4)	12 VDC ± 20%, two-core terminal block; reverse polarity protection, PoE (802.3at, class 4)	12 VDC ± 20%, three-core terminal block; reverse polarity protection, PoE (802.3at, type 2, class 4)	12 VDC ± 20%, two-core terminal block; reverse polarity protection, PoE (802.3at, class 4)	12 VDC ± 20%, two-core terminal block; reverse polarity protection, PoE (802.3at, class 4)

Model	DS-2CD552660-IZ(H)S	DS-2CD552660-IZ(H)SY	DS-2CD554660-IZ(H)S	DS-2CD554660-IZ(H)SY	DS-2CD558560-IZ(H)S	DS-2CD55C560-IZ(H)S	
Image	 <b>DarkFighter</b>	 <b>DarkFighter</b>	 <b>DarkFighter</b> <span style="color: yellow;">HOT</span>	 <b>DarkFighter</b> <span style="color: yellow;">HOT</span>			
Image Sensor	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.7" Progressive Scan CMOS	
Max. Resolution	1920×1080	1920×1080	2560 × 1440	2560 × 1440	3840 × 2160	4000 × 3000	
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: 0.004 Lux @ (F1.6, AGC ON), 0 Lux with IR	Color: 0.002 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.005 Lux @ (F1.8, AGC ON), 0 Lux with IR	Color: 0.002 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.016 Lux @ (F1.8, AGC ON), 0 Lux with IR	Color: 0.008 Lux @ (F1.2, AGC ON), 0 Lux with IR	
WDR	140 dB	140 dB	140 dB	140 dB	120 dB	DWDR	
Lens	2.8 to 12 mm, 8 to 32 mm	2.8 to 12 mm	2.8 to 12 mm, 8 to 32 mm	2.8 to 12 mm	2.8 to 12 mm, 8 to 32 mm	2.8 to 12 mm	
FOV	2.8 to 12 mm, horizontal FOV 103.3° to 38.6°, vertical FOV 54.2° to 21.9°, diagonal FOV 124.2° to 44.3° 8 to 32 mm, horizontal FOV 42.5° to 13.4°, vertical FOV 23.4° to 7.7°, diagonal FOV 49° to 15.3°	2.8 to 12 mm, horizontal FOV 103.3° to 38.6°, vertical FOV 54.2° to 21.9°, diagonal FOV 124.2° to 44.3°	2.8 to 12 mm, horizontal FOV 109.2° to 38.9°, vertical FOV 56.2° to 21.9°, diagonal FOV 134.5° to 45° 8 to 32 mm, horizontal FOV 37.7° to 15.2°, vertical FOV 21° to 8.6°, diagonal FOV 43.4° to 17.24°	2.8 to 12 mm, horizontal FOV 109.2° to 38.9°, vertical FOV 56.2° to 21.9°, diagonal FOV 134.5° to 45°	2.8 to 12 mm, horizontal FOV 112.4° to 41°, vertical FOV 58° to 23°, diagonal FOV 137° to 47° 8 to 32 mm, horizontal FOV 39° to 15.6°, vertical FOV 21.8° to 8.9°, diagonal FOV 45° to 17.8°	2.8 to 12 mm, horizontal FOV 101° to 36.1°, vertical FOV 72° to 27.2°, diagonal FOV 130° to 45.2°	
Max. IR Range	2.8 to 12 mm lens: 30 m 8 to 32 mm lens: 50 m	30 m	2.8-12 mm lens: 30 m 8-32 mm lens: 50 m	30 m	2.8-12 mm lens: 30 m 8-32 mm lens: 50 m	30 m	
VCA	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal 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) 60Hz: 60fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 30fps (2560 × 1440, 1920 × 1080, 1280 × 720)	50Hz: 25fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 30fps (2560 × 1440, 1920 × 1080, 1280 × 720)	50Hz: 25fps (3840×2160, 3200×1080, 2560×1440, 1920×1080, 1080×720) 60Hz: 30fps (3840×2160, 3200×1080, 2560×1440, 1920×1080, 1080×720)	50Hz: 20fps(4000 × 3000), 25fps (4096 × 2160, 3840 × 2160, 3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 20fps(4000 × 3000), 30fps (4096 × 2160, 3840 × 2160, 3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720)	
Multi-Streaming	5+5	5+5	5+5	5+5	5+5	5+5	
Protection Level	IP67, IK10	IP67, IK10 Anti-Corrosion Standard: NEMA 4X	IP67, IK10	IP67, IK10 Anti-Corrosion Standard: NEMA 4X	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 355°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	
Operating Temperature	-30 °C to 65°C (-22 °F to 149 °F), -H: -40 °C to 65 °C (-40 °F to 149 °F)	-30 °C to 65°C (-22 °F to 149 °F), -H: -40 °C to 65 °C (-40 °F to 149 °F)	-30 °C to 65°C (-22 °F to 149 °F), -H: -40 °C to 65 °C (-40 °F to 149 °F)	-30 °C to 65°C (-22 °F to 149 °F), -H: -40 °C to 65 °C (-40 °F to 149 °F)	-30 °C to 65°C (-22 °F to 149 °F), -H: -40 °C to 65 °C (-40 °F to 149 °F)	-30 °C to 65°C (-22 °F to 149 °F), -H: -40 °C to 65 °C (-40 °F to 149 °F)	
Operating 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 micro SD/SDHC/SDXC slot, up to 256 GB	Built-in micro SD/SDHC/SDXC slot, up to 256 GB	Built-in micro SD/SDHC/SDXC slot, up to 256 GB	Built-in micro SD/SDHC/SDXC slot, up to 256 GB	Built-in micro SD/SDHC/SDXC slot, up to 256 GB	Built-in micro SD/SDHC/SDXC slot, up to 256 GB	
Audio I/O	1-ch 3.5 mm input (line in), 1-ch 3.5 mm output (line out), mono	1-ch 3.5 mm input (line in), 1-ch 3.5mm output, mono	1-ch 3.5 mm input (line in), 1-ch 3.5mm output, mono	1-ch 3.5 mm input (line in), 1-ch 3.5mm output, mono	1-ch 3.5 mm input (line in), 1-ch 3.5mm output, mono	1-ch 3.5 mm input (line in), 1-ch 3.5mm output, mono	
Alarm I/O	1 input, 1 output	1 input, 1 output	1 input, 1 output	1 input, 1 output	1 input, 1 output	1 input, 1 output	
Installation	-	-	-	-	-	-	
Power Supply	12 VDC is recommended, 10 to 48 VDC; reverse polarity protection; two-core terminal block; PoE (802.3at, class 4)	12 VDC is recommended, 10 to 48 VDC; reverse polarity protection; two-core terminal block; PoE (802.3at, class 4)	12 VDC is recommended, 10 to 48 VDC; reverse polarity protection; two-core terminal block; PoE (802.3at, class 4)	12 VDC is recommended, 10 to 48 VDC; reverse polarity protection; two-core terminal block; PoE (802.3at, class 4)	12 VDC is recommended, 10 to 48 VDC; reverse polarity protection; two-core terminal block; PoE (802.3at, class 4)	12 VDC is recommended, 10 to 48 VDC; reverse polarity protection; two-core terminal block; PoE (802.3at, class 4)	12 VDC is recommended, 10 to 48 VDC; reverse polarity protection; two-core terminal block; PoE (802.3at, class 4)

Model	DS-2CD4A4560-IZ(H)S	DS-2CD4B2560-IZS	DS-2CD4C26FWD-(A)(P)	DS-2CD4C36FWD-(A)(P)
Image				
Image Sensor	1/2.5" progressive scan CMOS	1/2.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS
Max. Resolution	2560 × 1440	1920 × 1080	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
Min. Illumination	Color: 0.007 Lux @(F1.2, AGC ON), 0.01 Lux @(F1.4, AGC ON)	0.005 Lux @(F1.2, AGC ON), 0.007 Lux @(F1.4, AGC ON)	Color: 0.002 Lux @(F1.2, AGC ON) B/W: 0.0002 Lux @(F1.2, AGC ON), 0 Lux with IR	Color: 0.005 Lux @(F1.2, AGC ON) B/W: 0.0005 Lux @(F1.2, AGC ON), 0 Lux with IR
WDR	105 dB	120 dB	120 dB	120 dB
Lens	4.7 to 94 mm	4.7 to 65.8 mm	-	-
FOV	Horizontal FOV 58.248° - 2.896° Vertical FOV 33.602° - 1.644° Diagonal FOV 65.868° - 3.31°	4.7 to 65.8 mm @F1.4, horizontal FOV 54.84° to 3.12°, vertical FOV 31.62° to 1.76°, diagonal FOV 62.08° to 3.58°	-	-
Max. IR Range	150 m	120 m	-	-
VCA	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection
Frame Rate	50Hz: 25fps (2560 × 1440, 2304 × 1296, 1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (2560 × 1440, 2304 × 1296, 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 (2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720)
Multi-Streaming	€3.00	€3.00	€3.00	€3.00
Protection Level	IP67	IP67	-	-
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°	-	-
Operating Temperature	-IZS: -30 °C to 60 °C (-22 °F to 140 °F) -IZ(H)S: -40 °C to 60 °C (-40 °F to 140 °F)	-30 °C to 60 °C (-22 °F to 140 °F)	-30 °C - 60 °C (-22 °F - 140 °F)	-30 °C - 60 °C (-22 °F - 140 °F)
Operating 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)
Local Storage	Built-in Micro SD/SDHC/SDXC slot, up to 128 GB	Support Micro SD/SDHC/SDXC card (128G)	Built-in Micro SD/SDHC/SDXC slot, up to 128 GB	Built-in Micro SD/SDHC/SDXC slot, up to 128 GB
Audio I/O	1 input (line in/mic in), 1 output (line out), mono	1 input (line in), 1 output (line out), mono	1-ch 3.5mm audio input(line in/mic in), 1-ch 3.5mm audio output 1 build-in microphone(can be turned off)	1-ch 3.5mm audio input(line in/mic in), 1-ch 3.5mm audio output 1 build-in microphone(can be turned off)
Alarm I/O	1 input, 1 output	1 input, 1 output	1 input, 1 output	1 input, 1 output
Power Supply	12 VDC ± 20%, PoE (802.3at, class 4), three-core terminal blocks	12 VDC ± 20%, PoE (802.3at, class 4), three-core terminal blocks	12 VDC ± 25%, 24 VDC ± 25%, PoE (802.3af, class 3) Terminal block	12 VDC ± 25%, 24 VDC ± 25%, PoE (802.3af, class 3) Terminal block

3 Series

Model	DS-2CD3T23G1-I/4G	DS-2CD3B26G2T-IZHS(Y)	DS-2CD3B46G2T-IZHS(Y)	DS-2CD3B86G2T-IZHS(Y)	DS-2CD3D26G2T-IZHS(Y)	DS-2CD3D46G2T-IZHS(Y)
Image	 <span style="color: red;">NEW</span> <span style="border: 1px solid red; border-radius: 50%; padding: 2px;">4G</span>	 <span style="color: yellow;">HOT</span> <span style="color: red;">NEW</span> <span style="border: 1px solid red; border-radius: 50%; padding: 2px;">DarkFighter</span>	 <span style="color: yellow;">HOT</span> <span style="color: red;">NEW</span> <span style="border: 1px solid red; border-radius: 50%; padding: 2px;">DarkFighter</span>	 <span style="color: yellow;">HOT</span> <span style="color: red;">NEW</span> <span style="border: 1px solid red; border-radius: 50%; padding: 2px;">DarkFighter</span>	 <span style="color: yellow;">HOT</span> <span style="color: red;">NEW</span> <span style="border: 1px solid red; border-radius: 50%; padding: 2px;">DarkFighter</span>	 <span style="color: yellow;">HOT</span> <span style="color: red;">NEW</span> <span style="border: 1px solid red; border-radius: 50%; padding: 2px;">DarkFighter</span>
Image Sensor	1/2.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS
Max. Resolution	1920 × 1080	1920 × 1080	2688 × 1520	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	0.004 Lux @ (F1.4, AGC ON)	0.0014 Lux @ (F1.4, AGC ON), 0 Lux with IR on	0.0014 Lux @ (F1.4, AGC ON), 0 Lux with IR on	0.004 Lux @ (F1.4, AGC ON), 0 Lux with IR on	0.0014 Lux @ (F1.4, AGC ON), 0 Lux with IR on	0.0014 Lux @ (F1.4, AGC ON), 0 Lux with IR on
WDR	120 dB	140 dB	140 dB	120 dB	140 dB	140 dB
Lens	2.8 mm, 4 mm, 8 mm	"2.8 to 12 mm 8 to 32 mm"	"2.8 to 12 mm 8 to 32 mm"	"2.8 to 12 mm 8 to 32 mm"	"2.8 to 12 mm 8 to 32 mm"	"2.8 to 12 mm 8 to 32 mm"
FOV	2.8 mm @1.4: Horizontal FOV: 107°, vertical FOV: 57°, diagonal FOV: 128° 4 mm @F1.4: Horizontal FOV: 86°, vertical FOV: 46°, diagonal FOV: 102° 8 mm @F1.6: Horizontal FOV: 41°, vertical FOV: 22°, diagonal FOV: 47°	2.8 to 12 mm: horizontal FOV: 107.4° to 39.8°, vertical FOV: 56° to 22.3°, diagonal FOV: 130° to 45.7° 8 to 32 mm: horizontal FOV: 42.5° to 15.1°, vertical FOV: 23.4° to 8.6°, diagonal FOV: 49.6° to 17.3°	2.8 to 12 mm: horizontal FOV 107.4° to 39.8°, vertical FOV 56° to 22.3°, diagonal FOV 130° to 45.7° 8 to 32 mm: horizontal FOV 42.5° to 15.1°, vertical FOV 23.4° to 8.6°, diagonal FOV 49.6° to 17.3°	2.8 to 12 mm: horizontal FOV 107.4° to 39.8°, vertical FOV 56° to 22.3°, diagonal FOV 130° to 45.7° 8 to 32 mm: horizontal FOV 41.8° to 14.9°, vertical FOV 22.9° to 8.5°, diagonal FOV 48.7° to 17.1°	2.8 to 12 mm, horizontal FOV 114.5° to 41.8°, vertical FOV 59.3° to 23.6°, diagonal FOV 141.1° to 48.1° 8 to 32 mm, horizontal FOV 42.5° to 15.1°, vertical FOV 23.4° to 8.6°, diagonal FOV 49.6° to 17.3°	2.8 to 12 mm, horizontal FOV 114.5° to 41.8°, vertical FOV 59.3° to 23.6°, diagonal FOV 141.1° to 48.1° 8 to 32 mm, horizontal FOV 42.5° to 15.1°, vertical FOV 23.4° to 8.6°, diagonal FOV 49.6° to 17.3°
Max. IR Range	30 m	2.8 to 12 mm: 60 m 8 to 32 mm: 100 m	2.8 to 12 mm: 60 m 8 to 32 mm: 100 m	2.8 to 12 mm: 60 m 8 to 32 mm: 100 m	2.8 to 12 mm: 40 m 8 to 32 mm: 60 m	2.8 to 12 mm: 40 m 8 to 32 mm: 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 (1920 × 1080, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 720)	50Hz: 25 fps (2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720) 60Hz: 30 fps (2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720)	50Hz: 20 fps (3840 × 2160, 3072 × 1728) 25 fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60Hz: 20 fps (3840 × 2160, 3072 × 1728) 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 720)	50Hz: 25 fps (2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720) 60Hz: 30 fps (2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720)
Multi-Streaming	3	4	4	4	4	4
Protection Level	IP67	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 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	-40 °C to +60 °C (-40 °F to +140 °F)	-40 °C to +60 °C (-40 °F to +140 °F)	-40 °C to +60 °C (-40 °F to +140 °F)	-40 °C to +60 °C (-40 °F to +140 °F)	-40 °C to +60 °C (-40 °F to +140 °F)	-40 °C to +60 °C (-40 °F to +140 °F)
Operating Humidity	95% or less	95% or less	95% or less	95% or less	95% or less	95% or less
Local Storage	256 GB	256 GB	256 GB	256 GB	256 GB	256 GB
Audio I/O	-	1 in, 1 out	1 in, 1 out	1 in, 1 out	1 in, 1 out	1 in, 1 out
Alarm I/O	-	3 in, 3 out	3 in, 3 out	3 in, 3 out	2 in, 2 out	2 in, 2 out
Power Supply	12 VDC ± 20%	12 VDC ± 25%, 13W 24 VAC ± 20%, 13W PoE (802.3at, 42.5V to 57V), 15W	12 VDC ± 25%, 13W 24 VAC ± 20%, 13W PoE (802.3at, 42.5V to 57V), 15W	12 VDC ± 25%, 13W 24 VAC ± 20%, 13W PoE (802.3at, 42.5V to 57V), 15W	12 VDC ± 25%, 10.8W 24 VAC ± 20%, 10.8W PoE (802.3af, 36V to 57V), 12.9W	12 VDC ± 25%, 10.8W 24 VAC ± 20%, 10.8W PoE (802.3af, 36V to 57V), 12.9W





DS-2CD3D8662T-IZHS(Y)	DS-2CD3D8662T-IZHS(Y)	DS-2CD302662-IS	DS-2CD305662-IS	DS-2CD308662-IS	DS-2CD312662-IS(U)	DS-2CD315662-IS(U)
Image	 <span style="color: red;">HOT</span> <span style="color: red;">NEW</span> <span style="border: 1px solid red; border-radius: 10px; padding: 2px;">DarkFighter</span>	 <span style="color: red;">NEW</span>	 <span style="color: red;">NEW</span>	 <span style="color: red;">NEW</span>	 <span style="color: red;">NEW</span>	 <span style="color: red;">NEW</span>
Image Sensor	1/1.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS
Max. Resolution	3840 × 2160	1920 × 1080	2592 × 1944	3840 × 2160	1920 × 1080	2592 × 1944
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	0.004 Lux @ (F1.4, AGC ON), 0 Lux with IR on	0.002 Lux @ (F1.4, AGC ON), 0 Lux with IR on	0.003 Lux @ (F1.4, AGC ON), 0 Lux with IR on	0.003 Lux @ (F1.6, AGC ON), 0 Lux with IR on	0.002 Lux @ (F1.4, AGC ON), 0 Lux with IR on	0.003 Lux @ (F1.4, AGC ON), 0 Lux with IR on
WDR	120 dB	120 dB	120 dB	120 dB	120 dB	120 dB
Lens	2.8 to 12 mm, 8 to 32 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 to 12 mm: horizontal FOV 112.3° to 41.2°, vertical FOV: 58° to 23°, diagonal FOV 137.3° to 47.3° 8 to 32 mm: horizontal FOV 41.8° to 14.9°, vertical FOV 22.9° to 8.5°, diagonal FOV 48.7° to 17.1°	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 97°, vertical FOV 71°, diagonal FOV 129° 4 mm, horizontal FOV 78°, vertical FOV 58°, diagonal FOV 102° 6 mm, horizontal FOV 44°, vertical FOV 34°, diagonal FOV 54°	2.8 mm, horizontal FOV 111°, vertical FOV 59°, diagonal FOV 131° 4 mm, horizontal FOV 87°, vertical FOV 47°, diagonal FOV 102° 6 mm, horizontal FOV 51°, vertical FOV 28°, diagonal FOV 60°	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 97°, vertical FOV 71°, diagonal FOV 129° 4 mm, horizontal FOV 78°, vertical FOV 58°, diagonal FOV 102° 6 mm, horizontal FOV 44°, vertical FOV 34°, diagonal FOV 54°
Max. IR Range	2.8 to 12 mm: 40 m, 8 to 32 mm: 60 m	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	Line crossing detection, intrusion detection, region entrance detection, region exiting detection
Frame Rate	50Hz: 20 fps (3840 × 2160, 3072 × 1728) 25 fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60Hz: 20 fps (3840 × 2160, 3072 × 1728) 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720)	50Hz: 50fps (1920 × 1080, 1280 × 720) 60Hz: 60fps (1920 × 1080, 1280 × 720)	50Hz: 20 fps (2592 × 1944) 25 fps (2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720) 60Hz: 20 fps (2592 × 1944) 30 fps (2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720)	50Hz: 20 fps (3840 × 2160, 3072 × 1728) 25 fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60Hz: 20 fps (3840 × 2160, 3072 × 1728) 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720)	50Hz: 50fps (1920 × 1080, 1280 × 720) 60Hz: 60fps (1920 × 1080, 1280 × 720)	50Hz: 20 fps (2592 × 1944) 25 fps (2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720) 60Hz: 20 fps (2592 × 1944) 30 fps (2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720)
Multi-Streaming	4	4	4	4	4	4
Protection Level	IP67,IK10	IP67	IP67	IP67	IP67,IK10	IP67,IK10
Angle Adjustment	Pan: 0° to 355°, 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°	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	-40 °C to +60 °C (-40 °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)
Operating Humidity	95% or less	95% or less	95% or less	95% or less	95% or less	95% or less
Local Storage	256 GB	256 GB	256 GB	256 GB	256 GB	256 GB
Audio I/O	1 in, 1 out	1 in, 1 out	1 in, 1 out	1 in, 1 out	1 in, 1 out, Built-in microphone(-U)	1 in, 1 out, Built-in microphone(-U)
Alarm I/O	2 in, 2 out	1 in, 1 out	1 in, 1 out	1 in, 1 out	1 in, 1 out	1 in, 1 out
Power Supply	12 VDC ± 25%, 10.8W 24 VAC ± 20%, 10.8W PoE (802.3af, 36V to 57V), 12.9W	12 VDC ± 25%, 7.2W PoE (802.3af, 36V to 57V), 8.5W	12 VDC ± 25%, 7.2W PoE (802.3af, 36V to 57V), 8.5W	12 VDC ± 25%, 7.2W PoE (802.3af, 36V to 57V), 8.5W	12 VDC ± 25%, 6.5W PoE (802.3af, 36V to 57V), 7.5W	12 VDC ± 25%, 6.5W PoE (802.3af, 36V to 57V), 7.5W




DS-2CD3D86G2T-IZHS(Y)	DS-2CD3186G2-IS(U) <span style="color: red;">NEW</span>	DS-2CD3326G2-IS <span style="color: red;">NEW</span>	DS-2CD3356G2-IS <span style="color: red;">NEW</span>	DS-2CD3386G2-IS <span style="color: red;">NEW</span>	DS-2CD3T26G2-4IS <span style="color: red;">NEW</span>	DS-2CD3T56G2-4IS <span style="color: red;">NEW</span>
<b>Image</b>						
<b>Image Sensor</b>	1/1.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS
<b>Max. Resolution</b>	3840 × 2160	1920 × 1080	2592 × 1944	3840 × 2160	1920 × 1080	2592 × 1944
<b>Video Compression</b>	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+
<b>Min. Illumination</b>	0.003 Lux @ (F1.6, AGC ON), 0 Lux with IR on	0.002 Lux @ (F1.4, AGC ON), 0 Lux with IR on	0.003 Lux @ (F1.4, AGC ON), 0 Lux with IR on	0.003 Lux @ (F1.6, AGC ON), 0 Lux with IR on	0.002 Lux @ (F1.4, AGC ON), 0 Lux with IR on	0.003 Lux @ (F1.4, AGC ON), 0 Lux with IR on
<b>WDR</b>	120 dB	120 dB	120 dB	120 dB	120 dB	120 dB
<b>Lens</b>	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, 12 mm	2.8 mm, 4 mm, 6 mm, 12 mm
<b>FOV</b>	2.8 mm, horizontal FOV 111°, vertical FOV 59°, diagonal FOV 131° 4 mm, horizontal FOV 87°, vertical FOV 47°, diagonal FOV 102° 6 mm, horizontal FOV 51°, vertical FOV 28°, diagonal FOV 60°	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 97°, vertical FOV 71°, diagonal FOV 129° 4 mm, horizontal FOV 78°, vertical FOV 58°, diagonal FOV 102° 6 mm, horizontal FOV 44°, vertical FOV 34°, diagonal FOV 54°	2.8 mm, horizontal FOV 111°, vertical FOV 59°, diagonal FOV 131° 4 mm, horizontal FOV 87°, vertical FOV 47°, diagonal FOV 102° 6 mm, horizontal FOV 51°, vertical FOV 28°, diagonal FOV 60°	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° 12 mm, horizontal FOV 25°, vertical FOV 14°, diagonal FOV 29°	2.8 mm, horizontal FOV 97°, vertical FOV 71°, diagonal FOV 129° 4 mm, horizontal FOV 78°, vertical FOV 58°, diagonal FOV 102° 6 mm, horizontal FOV 44°, vertical FOV 34°, diagonal FOV 54° 12 mm, horizontal FOV 23°, vertical FOV 18°, diagonal FOV 29°
<b>Max. IR Range</b>	40 m	40 m	40 m	40 m	90 m	90 m
<b>VCA</b>	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
<b>Frame Rate</b>	50Hz: 20 fps (3840 × 2160, 3072 × 1728) 25 fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60Hz: 20 fps (3840 × 2160, 3072 × 1728) 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720)	50Hz: 50fps (1920 × 1080, 1280 × 720) 60Hz: 60fps (1920 × 1080, 1280 × 720)	50Hz: 20 fps (2592 × 1944) 25 fps (2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720) 60Hz: 20 fps (2592 × 1944) 30 fps (2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720)	50Hz: 20 fps (3840 × 2160, 3072 × 1728) 25 fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60Hz: 20 fps (3840 × 2160, 3072 × 1728) 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720)	50Hz: 50fps (1920 × 1080, 1280 × 720) 60Hz: 60fps (1920 × 1080, 1280 × 720)	50Hz: 20 fps (2592 × 1944) 25 fps (2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720) 60Hz: 20 fps (2592 × 1944) 30 fps (2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720)
<b>Multi-Streaming</b>	4	4	4	4	4	4
<b>Protection Level</b>	IP67,IK10	IP67	IP67	IP67	IP67	IP67
<b>Angle Adjustment</b>	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°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°
<b>Operating Temperature</b>	-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)
<b>Operating Humidity</b>	95% or less	95% or less	95% or less	95% or less	95% or less	95% or less
<b>Local Storage</b>	256 GB	256 GB	256 GB	256 GB	256 GB	256 GB
<b>Audio I/O</b>	1 in, 1 out, Built-in microphone(-U)	1 in, 1 out	1 in, 1 out	1 in, 1 out	1 in, 1 out	1 in, 1 out
<b>Alarm I/O</b>	1 in, 1 out	1 in, 1 out	1 in, 1 out	1 in, 1 out	2 in, 2 out	2 in, 2 out
<b>Power Supply</b>	12 VDC ± 25%, 6.5W PoE (802.3af, 36V to 57V), 7.5W	12 VDC ± 25%, 5.8W PoE (802.3af, 36V to 57V), 6.8W	12 VDC ± 25%, 5.8W PoE (802.3af, 36V to 57V), 6.8W	12 VDC ± 25%, 5.8W PoE (802.3af, 36V to 57V), 6.8W	12 VDC ± 25%, 13W PoE (802.3at, 42.5V to 57V), 14W	12 VDC ± 25%, 13W PoE (802.3at, 42.5V to 57V), 14W









DS-2CD3D8662T-IZHS(Y)	DS-2CD3T8662-4IS	DS-2CD362662-IZS	DS-2CD362662T-IZS	DS-2CD365662-IZS	DS-2CD365662T-IZS	DS-2CD368662-IZS	
<b>Image</b>	 <span style="color: red; font-weight: bold;">NEW</span>	 <span style="color: red; font-weight: bold;">NEW</span>	 <span style="color: red; font-weight: bold;">NEW</span>	 <span style="color: red; font-weight: bold;">NEW</span>	 <span style="color: red; font-weight: bold;">NEW</span>	 <span style="color: red; font-weight: bold;">NEW</span>	
<b>Image Sensor</b>	1/1.8" Progressive Scan CMOS	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	
<b>Max. Resolution</b>	3840 × 2160	1920 × 1080	1920 × 1080	2592 × 1944	2592 × 1944	3840 × 2160	
<b>Video Compression</b>	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+	
<b>Min. Illumination</b>	0.003 Lux @ (F1.4, AGC ON), 0 Lux with IR on	0.002 Lux @ (F1.4, AGC ON), 0 Lux with IR on	0.002 Lux @ (F1.4, AGC ON), 0 Lux with IR on	0.002 Lux @ (F1.4, AGC ON), 0 Lux with IR on	0.003 Lux @ (F1.4, AGC ON), 0 Lux with IR on	0.003 Lux @ (F1.6, AGC ON), 0 Lux with IR on	
<b>WDR</b>	120 dB	120 dB	120 dB	120 dB	120 dB	120 dB	
<b>Lens</b>	2.8 mm, 4 mm, 6 mm, 12 mm	2.7 to 13.5 mm, 7 to 35 mm	2.7 to 13.5 mm, 7 to 35 mm	2.7 to 13.5 mm, 7 to 35 mm	2.7 to 13.5 mm, 7 to 35 mm	2.7 to 13.5 mm, 7 to 35 mm	
<b>FOV</b>	2.8 mm, horizontal FOV 111°, vertical FOV 59°, diagonal FOV 131° 4 mm, horizontal FOV 87°, vertical FOV 47°, diagonal FOV 102° 6 mm, horizontal FOV 51°, vertical FOV 28°, diagonal FOV 60° 12 mm, horizontal FOV 24°, vertical FOV 14°, diagonal FOV 27°	2.7 to 13.5 mm: horizontal FOV 112.5° to 34°, vertical FOV 57.2° to 18.9°, diagonal FOV 138.1° to 39.1° 7 to 35 mm: horizontal FOV 29.7° to 10.9°, vertical FOV 16.5° to 6.2°, diagonal FOV 34.3° to 12.4°	2.7 to 13.5 mm: horizontal FOV 112.5° to 34°, vertical FOV 57.2° to 18.9°, diagonal FOV 138.1° to 39.1° 7 to 35 mm: horizontal FOV 29.7° to 10.9°, vertical FOV 16.5° to 6.2°, diagonal FOV 34.3° to 12.4°	2.7 to 13.5 mm: horizontal FOV 101° to 31°, vertical FOV 72.2° to 23.4°, diagonal FOV 138.8° to 39.8° 7 to 35 mm: horizontal FOV 27.2° to 10.4°, vertical FOV 20.3° to 7.5°, diagonal FOV 34.4° to 12.5°	2.7 to 13.5 mm: horizontal FOV 101° to 31°, vertical FOV 72.2° to 23.4°, diagonal FOV 138.8° to 39.8° 7 to 35 mm: horizontal FOV 27.2° to 10.4°, vertical FOV 20.3° to 7.5°, diagonal FOV 34.4° to 12.5°	2.7 to 13.5 mm: horizontal FOV 108.1° to 45.5°, vertical FOV 58.4° to 25.7°, diagonal FOV 127.3° to 52.1° 7 to 35 mm: horizontal FOV 41.8° to 14.9°, vertical FOV 22.9° to 8.5°, diagonal FOV 48.7° to 17.1°	2.7 to 13.5 mm: horizontal FOV 108.1° to 45.5°, vertical FOV 58.4° to 25.7°, diagonal FOV 127.3° to 52.1° 7 to 35 mm: horizontal FOV 41.8° to 14.9°, vertical FOV 22.9° to 8.5°, diagonal FOV 48.7° to 17.1°
<b>Max. IR Range</b>	90 m	60 m	2.7 to 13.5 mm: 60 m 7 to 35 mm: 100 m	60 m	2.7 to 13.5 mm: 60 m 7 to 35 mm: 100 m	60 m	
<b>VCA</b>	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	
<b>Frame Rate</b>	50Hz: 20 fps (3840 × 2160, 3072 × 1728) 25 fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60Hz: 20 fps (3840 × 2160, 3072 × 1728) 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720)	50Hz: 50fps (1920 × 1080, 1280 × 720) 60Hz: 60fps (1920 × 1080, 1280 × 720)	50Hz: 50fps (1920 × 1080, 1280 × 720) 60Hz: 60fps (1920 × 1080, 1280 × 720)	50Hz: 20 fps (2592 × 1944) 25 fps (2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720) 60Hz: 20 fps (2592 × 1944) 30 fps (2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720)	50Hz: 20 fps (2592 × 1944) 25 fps (2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720) 60Hz: 20 fps (2592 × 1944) 30 fps (2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720)	50Hz: 20 fps (3840 × 2160, 3072 × 1728) 25 fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60Hz: 20 fps (3840 × 2160, 3072 × 1728) 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720)	50Hz: 20 fps (3840 × 2160, 3072 × 1728) 25 fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60Hz: 20 fps (3840 × 2160, 3072 × 1728) 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720)
<b>Multi-Streaming</b>	4	4	4	4	4	4	
<b>Protection Level</b>	IP67	IP67,IK10	IP67,IK10	IP67,IK10	IP67,IK10	IP67,IK10	
<b>Angle Adjustment</b>	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 355°, 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 90°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 355°, tilt: 0° to 90°, rotate: 0° to 360°	
<b>Operating Temperature</b>	-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)	
<b>Operating Humidity</b>	95% or less	95% or less	95% or less	95% or less	95% or less	95% or less	
<b>Local Storage</b>	256 GB	256 GB	256 GB	256 GB	256 GB	256 GB	
<b>Audio I/O</b>	1 in, 1 out	1 in, 1 out	1 in, 1 out	1 in, 1 out	1 in, 1 out	1 in, 1 out	
<b>Alarm I/O</b>	2 in, 2 out	1 in, 1 out	2 in, 2 out	1 in, 1 out	2 in, 2 out	1 in, 1 out	
<b>Power Supply</b>	12 VDC ± 25%, 13W PoE (802.3at, 42.5V to 57V), 14W	12 VDC ± 25%, 13W PoE (802.3at, 42.5V to 57V), 15W	12 VDC ± 25%, 13.5W PoE (802.3at, 42.5V to 57V), 15W	12 VDC ± 25%, 13W PoE (802.3at, 42.5V to 57V), 15W	12 VDC ± 25%, 13.5W PoE (802.3at, 42.5V to 57V), 15W	12 VDC ± 25%, 13W PoE (802.3at, 42.5V to 57V), 15W	

DS-2CD3D86G2T-IZHS(Y)	DS-2CD3686G2T-IZS	DS-2CD3726G2-IZS	DS-2CD3726G2T-IZS	DS-2CD3756G2-IZS	DS-2CD3756G2T-IZS	DS-2CD3786G2-IZS	
<b>Image</b>	 <span style="color: red; font-weight: bold;">NEW</span>	 <span style="color: red; font-weight: bold;">NEW</span>	 <span style="color: red; font-weight: bold;">NEW</span>	 <span style="color: red; font-weight: bold;">NEW</span>	 <span style="color: red; font-weight: bold;">NEW</span>	 <span style="color: red; font-weight: bold;">NEW</span>	
<b>Image Sensor</b>	1/1.8" Progressive Scan CMOS	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	
<b>Max. Resolution</b>	3840 × 2160	1920 × 1080	1920 × 1080	2592 × 1944	2592 × 1944	3840 × 2160	
<b>Video Compression</b>	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+	
<b>Min. Illumination</b>	0.003 Lux @ (F1.6, AGC ON), 0 Lux with IR on	0.002 Lux @ (F1.4, AGC ON), 0 Lux with IR on	0.002 Lux @ (F1.4, AGC ON), 0 Lux with IR on	0.003 Lux @ (F1.4, AGC ON), 0 Lux with IR on	0.003 Lux @ (F1.4, AGC ON), 0 Lux with IR on	0.003 Lux @ (F1.6, AGC ON), 0 Lux with IR on	
<b>WDR</b>	120 dB	120 dB	120 dB	120 dB	120 dB	120 dB	
<b>Lens</b>	2.7 to 13.5 mm, 7 to 35 mm	2.7 to 13.5 mm, 7 to 35 mm	2.7 to 13.5 mm, 7 to 35 mm	2.7 to 13.5 mm, 7 to 35 mm	2.7 to 13.5 mm, 7 to 35 mm	2.7 to 13.5 mm, 7 to 35 mm	
<b>FOV</b>	2.7 to 13.5 mm: horizontal FOV 108.1° to 45.5°, vertical FOV 58.4° to 25.7°, diagonal FOV 127.3° to 52.1° 7 to 35 mm: horizontal FOV 41.8° to 14.9°, vertical FOV 22.9° to 8.5°, diagonal FOV 48.7° to 17.1°	2.7 to 13.5 mm: horizontal FOV 112.5° to 34°, vertical FOV 57.2° to 18.9°, diagonal FOV 138.1° to 39.1° 7 to 35 mm: horizontal FOV 29.7° to 10.9°, vertical FOV 16.5° to 6.2°, diagonal FOV 34.3° to 12.4°	2.7 to 13.5 mm: horizontal FOV 112.5° to 34°, vertical FOV 57.2° to 18.9°, diagonal FOV 138.1° to 39.1° 7 to 35 mm: horizontal FOV 29.7° to 10.9°, vertical FOV 16.5° to 6.2°, diagonal FOV 34.3° to 12.4°	2.7 to 13.5 mm: horizontal FOV 101° to 31°, vertical FOV 72.2° to 23.4°, diagonal FOV 138.8° to 39.8° 7 to 35 mm: horizontal FOV 27.2° to 10.4°, vertical FOV 20.3° to 7.5°, diagonal FOV 34.4° to 12.5°	2.7 to 13.5 mm: horizontal FOV 101° to 31°, vertical FOV 72.2° to 23.4°, diagonal FOV 138.8° to 39.8° 7 to 35 mm: horizontal FOV 27.2° to 10.4°, vertical FOV 20.3° to 7.5°, diagonal FOV 34.4° to 12.5°	2.7 to 13.5 mm: horizontal FOV 101° to 31°, vertical FOV 72.2° to 23.4°, diagonal FOV 138.8° to 39.8° 7 to 35 mm: horizontal FOV 27.2° to 10.4°, vertical FOV 20.3° to 7.5°, diagonal FOV 34.4° to 12.5°	2.7 to 13.5 mm: horizontal FOV 108.1° to 45.5°, vertical FOV 58.4° to 25.7°, diagonal FOV 127.3° to 52.1° 7 to 35 mm: horizontal FOV 41.8° to 14.9°, vertical FOV 22.9° to 8.5°, diagonal FOV 48.7° to 17.1°
<b>Max. IR Range</b>	2.7 to 13.5 mm: 60 m 7 to 35 mm: 100 m	40 m	2.7 to 13.5 mm: 40 m 7 to 35 mm: 60 m	40 m	2.7 to 13.5 mm: 40 m 7 to 35 mm: 60 m	40 m	
<b>VCA</b>	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	
<b>Frame Rate</b>	50Hz: 20 fps (3840 × 2160, 3072 × 1728) 25 fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60Hz: 20 fps (3840 × 2160, 3072 × 1728) 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720)	50Hz: 50fps (1920 × 1080, 1280 × 720) 60Hz: 60fps (1920 × 1080, 1280 × 720)	50Hz: 50fps (1920 × 1080, 1280 × 720) 60Hz: 60fps (1920 × 1080, 1280 × 720)	50Hz: 20 fps (2592 × 1944) 25 fps (2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720) 60Hz: 20 fps (2592 × 1944) 30 fps (2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720)	50Hz: 20 fps (2592 × 1944) 25 fps (2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720) 60Hz: 20 fps (2592 × 1944) 30 fps (2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720)	50Hz: 20 fps (2592 × 1944) 25 fps (2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720) 60Hz: 20 fps (2592 × 1944) 30 fps (2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720)	50Hz: 20 fps (3840 × 2160, 3072 × 1728) 25 fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60Hz: 20 fps (3840 × 2160, 3072 × 1728) 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720)
<b>Multi-Streaming</b>	4	4	4	4	4	4	
<b>Protection Level</b>	IP67,IK10	IP67,IK10	IP67,IK10	IP67,IK10	IP67,IK10	IP67,IK10	
<b>Angle Adjustment</b>	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°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	
<b>Operating Temperature</b>	-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)	
<b>Operating Humidity</b>	95% or less	95% or less	95% or less	95% or less	95% or less	95% or less	
<b>Local Storage</b>	256 GB	256 GB	256 GB	256 GB	256 GB	256 GB	
<b>Audio I/O</b>	1 in, 1 out	1 in, 1 out	1 in, 1 out	1 in, 1 out	1 in, 1 out	1 in, 1 out	
<b>Alarm I/O</b>	3 in, 3 out	1 in, 1 out	2 in, 2 out	1 in, 1 out	2 in, 2 out	1 in, 1 out	
<b>Power Supply</b>	12 VDC ± 25%, 13.5W PoE (802.3af, 42.5V to 57V), 15W	12 VDC ± 25%, 11W PoE (802.3af, 36V to 57V), 12.9W	12 VDC ± 25%, 11W PoE (802.3af, 36V to 57V), 12.9W	12 VDC ± 25%, 11W PoE (802.3af, 36V to 57V), 12.9W	12 VDC ± 25%, 11W PoE (802.3af, 36V to 57V), 12.9W	12 VDC ± 25%, 11W PoE (802.3af, 36V to 57V), 12.9W	

DS-2CD3D8662T-IZHS(Y)	DS-2CD378662T-IZS	DS-2CD304762-LS	DS-2CD334762-LSU	DS-2CD302662-IU/SL	DS-2CD305662-IU/SL	DS-2CD332662-ISU/SL
<b>Image</b>	 <b>NEW</b>	 <b>NEW</b>	 <b>NEW</b>	 <b>NEW</b>	 <b>NEW</b>	 <b>NEW</b>
<b>Image Sensor</b>	1/1.8" 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	1/2.8" Progressive Scan CMOS
<b>Max. Resolution</b>	3840 × 2160	2688 × 1520	2688 × 1520	1920 × 1080	2592 × 1944	1920 × 1080
<b>Video Compression</b>	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+
<b>Min. Illumination</b>	0.003 Lux @ (F1.6, AGC ON), 0 Lux with IR on	0.0005 Lux @ (F1.0, AGC ON), 0 Lux with light	0.0005 Lux @ (F1.0, AGC ON), 0 Lux with light	0.002 Lux @ (F1.4, AGC ON), 0 Lux with IR on	0.003 Lux @ (F1.4, AGC ON), 0 Lux with IR on	0.002 Lux @ (F1.4, AGC ON), 0 Lux with IR on
<b>WDR</b>	120 dB	130 dB	130 dB	120 dB	120 dB	120 dB
<b>Lens</b>	"2.7 to 13.5 mm 7 to 35 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
<b>FOV</b>	"2.7 to 13.5 mm: horizontal FOV 108.1° to 45.5°, vertical FOV 58.4° to 25.7°, diagonal FOV 127.3° to 52.1° 7 to 35 mm: horizontal FOV 41.8° to 14.9°, vertical FOV 22.9° to 8.5°, diagonal FOV 48.7° to 17.1°"	"2.8 mm, horizontal FOV 109°, vertical FOV 55°, diagonal FOV 138° 4 mm, horizontal FOV 94°, vertical FOV 49°, diagonal FOV 113° 6 mm, horizontal FOV 57°, vertical FOV 32°, diagonal FOV 66°"	"2.8 mm, horizontal FOV 109°, vertical FOV 55°, diagonal FOV 138° 4 mm, horizontal FOV 94°, vertical FOV 49°, diagonal FOV 113° 6 mm, horizontal FOV 57°, vertical FOV 32°, diagonal FOV 66°"	"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 97°, vertical FOV 71°, diagonal FOV 129° 4 mm, horizontal FOV 78°, vertical FOV 58°, diagonal FOV 102° 6 mm, horizontal FOV 44°, vertical FOV 34°, diagonal FOV 54°"	"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°"
<b>Max. IR Range</b>	"2.7 to 13.5 mm: 40 m 7 to 35 mm: 60 m"	40 m	40 m	40 m	40 m	40 m
<b>VCA</b>	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
<b>Frame Rate</b>	"50Hz: 20 fps (3840 × 2160, 3072 × 1728) 25 fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60Hz: 20 fps (3840 × 2160, 3072 × 1728) 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720)"	"50Hz: 25 fps (2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720) 60Hz: 30 fps (2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720)"	"50Hz: 25 fps (2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720) 60Hz: 30 fps (2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720)"	"50Hz: 25fps (1920 × 1080, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 720)"	"50Hz: 20 fps (2592 × 1944) 25 fps (2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720) 60Hz: 20 fps (2592 × 1944) 30 fps (2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720)"	"50Hz: 25fps (1920 × 1080, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 720)"
<b>Multi-Streaming</b>	4	4	4	4	4	4
<b>Protection Level</b>	IP67,IK10	IP67	IP67	IP67	IP67	IP67
<b>Angle Adjustment</b>	Pan: 0° to 355°, 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 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°
<b>Operating Temperature</b>	-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]
<b>Operating Humidity</b>	95% or less	95% or less	95% or less	95% or less	95% or less	95% or less
<b>Local Storage</b>	256 GB	256 GB	256 GB	256 GB	256 GB	256 GB
<b>Audio I/O</b>	1 in, 1 out	1 in, 1 out	1 in, 1 out, Built-in microphone	1 built-in microphone 1 built-in speaker	1 built-in microphone 1 built-in speaker	1 in, 1 out, Built-in microphone Built-in speaker
<b>Alarm I/O</b>	2 in, 2 out	2 in, 2 out	1 in, 1 out	-	-	1 in, 1 out
<b>Power Supply</b>	"12 VDC ± 25%, 11W PoE (802.3af, 36V to 57V), 12.9W"	12 VDC ± 25%, 7.5W PoE (802.3af, 36V to 57V), 9W	12 VDC ± 25%, 7.2W PoE (802.3af, 36V to 57V), 8.2W	12 VDC ± 25%, 6.5W PoE (802.3af, 36V to 57V), 8W	12 VDC ± 25%, 6.5W PoE (802.3af, 36V to 57V), 8W	12 VDC ± 25%, 7.2W PoE (802.3af, 36V to 57V), 8.2W

DS-2CD3D86G2T-IZHS(Y)	DS-2CD3356G2-ISU/SL	DS-2CD3T26G2-ISU/SL	DS-2CD3T56G2-ISU/SL	DS-2CD302360-I	DS-2CD304360-I	DS-2CD306360-I
Image	 <b>NEW</b>	 <b>NEW</b>	 <b>NEW</b>			
Image Sensor	1/2.7" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/2.9" Progressive Scan CMOS
Max. Resolution	2592 × 1944	1920 × 1080	2592 × 1944	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+	H.265 / H.264 / MJPEG / H.264+ / H.265+
Min. Illumination	0.003 Lux @ (F1.4, AGC ON), 0 Lux with IR on	0.002 Lux @ (F1.4, AGC ON), 0 Lux with IR on	0.003 Lux @ (F1.4, AGC ON), 0 Lux with IR on	Color: 0.028 Lux @ (F2.0, AGC ON), 0 Lux with IR	Color: 0.018 Lux @ (F1.6, AGC ON), 0 Lux with IR	Color: 0.028 lux @(F2.0, AGC ON), 0 lux with IR
WDR	120 dB	120 dB	120 dB	120 dB	120 dB	120 dB
Lens	2.8 mm, 4 mm, 6 mm	2.8 mm, 4 mm, 6 mm	2.8 mm, 4 mm, 6 mm	2.8, 4 or 6 mm	2.8, 4 or 6 mm	2.8, 4 or 6 mm
FOV	2.8 mm, horizontal FOV 97°, vertical FOV 71°, diagonal FOV 129° 4 mm, horizontal FOV 78°, vertical FOV 58°, diagonal FOV 102° 6 mm, horizontal FOV 44°, vertical FOV 34°, diagonal FOV 54°	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 97°, vertical FOV 71°, diagonal FOV 129° 4 mm, horizontal FOV 78°, vertical FOV 58°, diagonal FOV 102° 6 mm, horizontal FOV 44°, vertical FOV 34°, diagonal FOV 54°	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°
Max. IR Range	40 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, 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 (2592 × 1944) 25 fps (2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720) 60Hz: 20 fps (2592 × 1944) 30 fps (2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 720)	50Hz: 20 fps (2592 × 1944) 25 fps (2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720) 60Hz: 20 fps (2592 × 1944) 30 fps (2688 × 1520, 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) 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)
Multi-Streaming	4	4	4	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 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)	-30 °C to +60 °C (-22 °F to +140 °F)
Operating Humidity	95% or less	95% or less	95% or less	95% or less	95% or less	95% or less
Local Storage	256 GB	256 GB	256 GB	128 GB	128 GB	128 GB
Audio I/O	1 in, 1 out, Built-in microphone Built-in speaker	1 in, 1 out, Built-in microphone Built-in speaker	1 in, 1 out, Built-in microphone Built-in speaker	-	-	-
Alarm I/O	1 in, 1 out	2 in, 2 out	2 in, 2 out	-	-	-
Power Supply	12 VDC ± 25%, 7.8W PoE (802.3af, 36V to 57V), 8.8W	12 VDC ± 25%, 12W PoE (802.3at, 42.5V to 57V), 13W	12 VDC ± 25%, 12W PoE (802.3at, 42.5V to 57V), 13W	12 VDC ± 25%, 6W PoE (802.3af, 37V to 57V), 7.5W	12 VDC ± 25%, 6W PoE (802.3af, 37V to 57V), 7.5W	12 VDC ± 25%, 6W PoE (802.3af, 37V to 57V), 7.5W

Model	DS-2CD312360-I(S)	DS-2CD314360-I(S)	DS-2CD316360-I(S)	DS-2CD332360-I	DS-2CD334360-I	DS-2CD336360-I	
<b>Image</b>							
<b>Image Sensor</b>	1/2.8" 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	
<b>Max. Resolution</b>	1920 × 1080	2688 × 1520	3072 × 2048	1920 × 1080	2688 × 1520	3072 × 2048	
<b>Video Compression</b>	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+	
<b>Min. Illumination</b>	Color: 0.028 Lux @ (F2.0, AGC ON), 0 Lux with IR	Color: 0.018 Lux @ (F1.6, 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 @ (F1.6, AGC ON), 0 Lux with IR	Color: 0.028 lux @ (F2.0, AGC ON), 0 lux with IR	
<b>WDR</b>	120 dB	120 dB	120 dB	120 dB	120 dB	120 dB	
<b>Lens</b>	2.8, 4 or 6 mm	2.8, 4 or 6 mm	2.8, 4 or 6 mm	2.8, 4 or 6 mm	2.8, 4 or 6 mm	2.8, 4 or 6 mm	
<b>FOV</b>	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: 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: 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°
<b>Max. IR Range</b>	40 m	40 m	40 m	40 m	40 m	40 m	
<b>VCA</b>	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	
<b>Frame Rate</b>	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: 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)
<b>Multi-Streaming</b>	3	3	3	3	3	3	
<b>Protection Level</b>	IP67, IK10	IP67, IK10	IP67, IK10	IP67	IP67	IP67	
<b>Angle Adjustment</b>	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°	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°	
<b>Operating Temperature</b>	-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)	
<b>Operating Humidity</b>	95% or less	95% or less	95% or less	95% or less	95% or less	95% or less	
<b>Local Storage</b>	128 GB	128 GB	128 GB	128 GB	128 GB	128 GB	
<b>Audio I/O</b>	With -S model: 1 in, 1 out	With -S model: 1 in, 1 out	With -S model: 1 in, 1 out	-	-	-	
<b>Alarm I/O</b>	With -S model: 1 in, 1 out	With -S model: 1 in, 1 out	With -S model: 1 in, 1 out	-	-	-	
<b>Power Supply</b>	12 VDC ± 25%, 6W PoE (802.3af, class 3), 7.5W	12 VDC ± 25%, 6W PoE (802.3af, 37V to 57V), 7.5W	12 VDC ± 25%, 7.5W PoE (802.3af, 37V to 57V), 9W	12 VDC ± 25%, 6W PoE (802.3af, 37V to 57V), 7.5W	12 VDC ± 25%, 6W PoE (802.3af, 37V to 57V), 7.5W	12 VDC ± 25%, 6W PoE (802.3af, 37V to 57V), 7.5W	

Model	DS-2CD362361-IZ(S)	DS-2CD364361-IZ(S)	DS-2CD366361-IZ(S)	DS-2CD372361-IZ(S)	DS-2CD374361-IZ(S)	DS-2CD376361-IZ(S)
<b>Image</b>						
<b>Image Sensor</b>	1/2.8" 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
<b>Max. Resolution</b>	1920 × 1080	2688 × 1520	3072 × 2048	1920 × 1080	2688 × 1520	3072 × 2048
<b>Video Compression</b>	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+
<b>Min. Illumination</b>	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	Color: 0.018 Lux @ (F1.6, AGC ON), 0 Lux with IR	Color: 0.018 Lux @ (F1.6, AGC ON), 0 Lux with IR
<b>WDR</b>	120 dB	120 dB	120 dB	120 dB	120 dB	120 dB
<b>Lens</b>	2.7 to 13.5 mm	2.7 to 13.5 mm	2.7 to 13.5 mm	2.7 to 13.5 mm	2.7 to 13.5 mm	2.7 to 13.5 mm
<b>FOV</b>	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 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°
<b>Max. IR Range</b>	60 m	60 m	60 m	40 m	40 m	40 m
<b>VCA</b>	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
<b>Frame Rate</b>	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)
<b>Multi-Streaming</b>	3	3	3	3	3	3
<b>Protection Level</b>	IP67, IK10	IP67, IK10	IP67, IK10	IP67, IK10	IP67, IK10	IP67, IK10
<b>Angle Adjustment</b>	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 90°, 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°
<b>Operating Temperature</b>	-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)
<b>Operating Humidity</b>	95% or less	95% or less	95% or less	95% or less	95% or less	95% or less
<b>Local Storage</b>	128 GB	128 GB	128 GB	128 GB	128 GB	128 GB
<b>Audio I/O</b>	With -S model: 1 in, 1 out	With -S model: 1 in, 1 out	With -S model: 1 in, 1 out	With -S model: 1 in, 1 out	With -S model: 1 in, 1 out	With -S model: 1 in, 1 out
<b>Alarm I/O</b>	With -S model: 1 in, 1 out	With -S model: 1 in, 1 out	With -S model: 1 in, 1 out	With -S model: 1 in, 1 out	With -S model: 1 in, 1 out	With -S model: 1 in, 1 out
<b>Power Supply</b>	12 VDC ± 25%, 14.5W PoE (802.3at, 42.5V to 57V), 18W	12 VDC ± 25%, 14.5W PoE (802.3at, 42.5V to 57V), 18W	12 VDC ± 25%, 14.5W PoE (802.3at, 42.5V to 57V), 18W	12 VDC ± 25%, 10W PoE (802.3af, 37V to 57V), 12W	12 VDC ± 25%, 10W PoE (802.3af, 37V to 57V), 12W	12 VDC ± 25%, 10W PoE (802.3af, 36V to 57V), 12W

Model	DS-2CD3T2360-2(SI)/4(S)	DS-2CD3T4360-2(SI)/4(S)	DS-2CD3T6360-2(SI)/4(S)	DS-2CD382360
<b>Image</b>				
<b>Image Sensor</b>	1/2.8" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/2.9" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS
<b>Max. Resolution</b>	1920 × 1080	2688 × 1520	3072 × 2048	1920 × 1080
<b>Video Compression</b>	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+
<b>Min. Illumination</b>	Color: 0.028 Lux @ (F2.0, AGC ON), 0 Lux with IR	Color: 0.018 Lux @ (F1.6, AGC ON), 0 Lux with IR	Color: 0.028 Lux @ (F2.0, AGC ON), 0 lux with IR	Color: 0.005 Lux @ (F1.2, AGC ON)
<b>WDR</b>	120 dB	120 dB	120 dB	DWDR
<b>Lens</b>	2.8, 4 or 6 mm	2.8, 4 or 6 mm	2.8, 4 or 6 mm	2.7 to 10 mm, 2.7 to 13 mm, or 5 to 50 mm
<b>FOV</b>	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°	2.7 to 10 mm: horizontal FOV: 105.8° to 35.1°, vertical FOV: 55.8° to 19.7°, diagonal FOV: 126.5° to 40.3° 2.7 to 13 mm: horizontal FOV: 106.5° to 26.4°, vertical FOV: 58.4° to 14.9°, diagonal FOV: 123.6° to 30.3° 5 to 50 mm: horizontal FOV: 55.2° to 6.4°, vertical FOV: 31.1° to 3.6°, diagonal FOV: 63.2° to 7.3°
<b>Max. IR Range</b>	-2l: 60 m -4l: 90 m	-2l: 60 m -4l: 90 m	-2l: 60 m -4l: 90 m	-
<b>VCA</b>	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
<b>Frame Rate</b>	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)
<b>Multi-Streaming</b>	3	3	3	3
<b>Protection Level</b>	IP67	IP67	IP67	-
<b>Angle Adjustment</b>	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 100°, rotate: 0° to 360°	-
<b>Operating Temperature</b>	-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]
<b>Operating Humidity</b>	95% or less	95% or less	95% or less	95% or less
<b>Local Storage</b>	128 GB	128 GB	128 GB	128 GB
<b>Audio I/O</b>	With -S model: 1 in, 1 out	With -S model: 1 in, 1 out	With -S model: 1 in, 1 out	1 in, 1 out, 1 mic in
<b>Alarm I/O</b>	With -S model: 1 in, 1 out	With -S model: 1 in, 1 out	With -S model: 1 in, 1 out	1 in, 1 out
<b>Power Supply</b>	2l: 12 VDC ± 25%, 7.5W PoE (802.3af, class 3), 9.5W 4l: 12 VDC ± 25%, 11.5W PoE (802.3af, class 3), 12.5W	2l: 12 VDC ± 25%, 7.5W PoE (802.3af, class 3), 9.5W 4l: 12 VDC ± 25%, 11.5W PoE (802.3af, class 3), 12.5W	2l: 12 VDC ± 25%, 7W PoE (802.3af, class 3), 8.5W 4l: 12 VDC ± 25%, 10W PoE (802.3af, class 3), 12W	DC: 12 V ± 25% AC: 24 V ± 20% PoE (802.3af, class 3), two-core terminal block

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