

A futuristic cityscape at night, featuring glowing skyscrapers and a digital grid overlay. The scene is dominated by blue and white light, with a large, semi-transparent circular graphic element in the upper right corner. The city is reflected in the water in the foreground.

PRODUCT QUICK GUIDE
**CCTV PROJECT
PRODUCTS**

Winter/Spring 2023

HIKVISION®

CONTENTS

01

Network Camera

- 02 DeepinView Series
- 11 Ultra Series
- 12 Special Series

15

PTZ Dome Camera

- 16 TandemVu PTZ Cameras
- 18 Ultra Series
- 22 Special Series

24

Panoramic Camera

- 25 PanoVu Series
- 29 Fisheye Series

31

Explosion-Proof & Anti-Corrosion Series

- 32 Explosion-Proof Series
- 35 Anti-Corrosion Series

37

NVR

- 38 DeepinMind Series
- 40 Ultra Series

45

Network Storage

- 46 Hybrid SAN

49

Thermal

- 50 HeatPro Series
- 52 Presence Detectors
- 53 Security Group Cameras
- 56 Thermographic Group Products

59

Commercial Display

- 60 Interactive Flat Panels
- 63 Digital Signage

65

Decoder

- 66 Decoder

68

Software

- 69 HikCentral Professional
- 71 HikCentral Connect

73

Accessories

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)



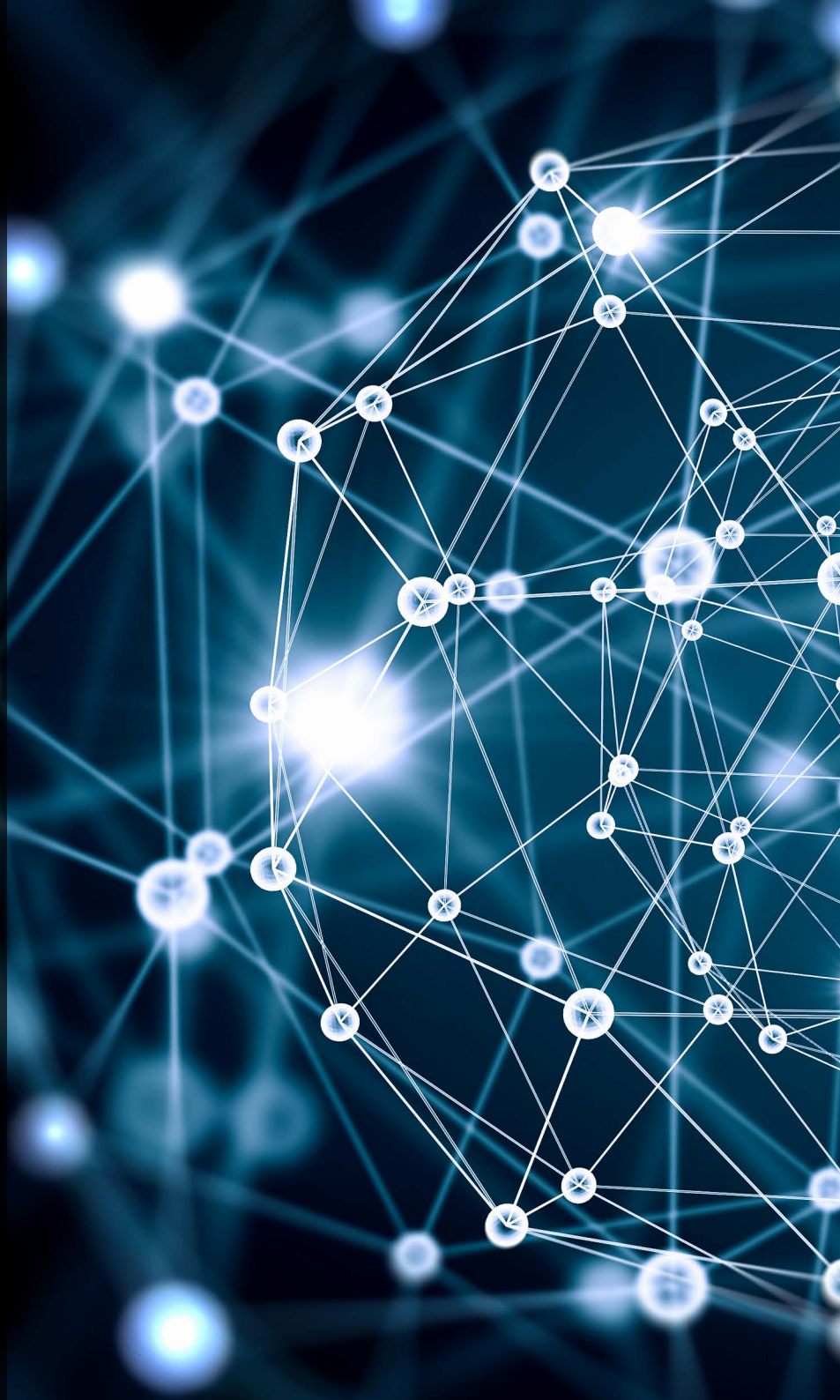
People Counting



Hard Hat Detection



More



HIKVISION ACUSENSE TECHNOLOGY

Easy and affordable Artificial Intelligence has come to the mass market and a diverse set of users.

Hikvision's AcuSense technology embeds deep-learning algorithms into various security cameras and video recorders to automatically detect humans and vehicles through real-time video analytics and push instant notifications to users' mobile devices.

By minimizing false alarms triggered by animals, falling leaves, heavy rain, and other moving objects, and by sorting video footage into "Person Files" and "Vehicle Files" for easier search, AcuSense enables businesses and homeowners to focus security resources on real threats. Camera models with the Live Guard function also feature visual and auditory warnings to ward off trespassers the moment they are detected.

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
Technology

Making

a Breeze



The logo for ColorVu Technology, featuring the word "ColorVu" in a stylized font with a multi-colored "C" and "Technology" in a smaller font below it, all set against a dark blue background.

24 Hours  7 Colourful Imaging

View in colour,
Even in darkness

HIKVISION COLORVU TECHNOLOGY

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, colourful details—such as the colour 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 colour rendition to produce accurate colourful images. Moreover, active alignment technology guarantees the focusing performance of lenses in the mass production of ultra-high definition ColorVu products, resulting in superior 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 colourful imaging. For most scenes, the environmental light is bright enough for ColorVu cameras to render vivid colour without supplemental lighting.

The logo for ColorVu Technology, featuring the word "ColorVu" in a stylized font with a multi-colored "C" and "Technology" in a smaller font below it.



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 enhancement is crystal-clear, detail-rich images with true colour 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 a 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.

8K

Four times the resolution of 4K, and 16 times that of 1080p, 8K is a display resolution of 7680 x 4320. Being the highest resolution within the security industry so far, 8K Ultra High Definition offers an unprecedented capacity to get more detail from a scene.

In order to deliver a “True 8K” experience to users, Hikvision has put forward a total solution combining the 8K cameras with 8K NVRs and displays. Hikvision’s 8K cameras deliver vast area coverage and crystal clear images, whereas its 8K NVRs take care of video access, storage, transfer, decoding, and output of 8K images, enabling vivid details, smooth preview and playback, as well as efficient video analytics.

Hikvision’s all-encompassing 8K solution facilitates users from various industries with the capacity to zoom into large scenes to view exact details without quality loss. The solution is suitable for both indoor and outdoor spaces such as airports, harbours, parking lots, public halls, squares, stadiums, and stations where wider angle of view and sharper, more detailed images are required.





TANDEM VU TECHNOLOGY

As uncertainty in many aspects of life increases, people today have higher-than-ever expectations for security. Unforeseen incidents and risks continually challenge existing security systems. In many cases, conventional fixed-angle network cameras—with their limited field of view—cannot take in the full scene. And when they zoom in, they lose the original big picture. Incidents get missed and unexpected losses ensue. But there is an answer.

The new TandemVu technology features Hikvision's next-generation camera design, integrating multiple lenses in one unit to provide big picture and small details in tandem, which is a breakthrough in camera innovation.

Equipped with this technology, Hikvision's TandemVu PTZ Cameras maintain original, big-picture view even during pan, tilt, and zoom maneuvers. Users will see everything and miss nothing at any given instant, getting great situational awareness from the moment they set the camera up.

HIKVISION HEATPRO VCA2.0

Any object with a temperature above absolute zero emits a detectable amount of infra-red (IR) radiation. Taking advantage of the differences in IR intensity between objects, thermal cameras make the invisible IR “visible” in the form of heat zone images. Therefore, thermal cameras “see” from different distances under virtually any light or weather condition, distinguishing people and vehicles from other objects.

The image reproduction of thermal cameras is not affected by lighting conditions—either extremely low light or even no light at all. And compared with imaging with visible light, thermal cameras are much less impacted by weather conditions such as fog, smog, rain and snow, so that they can work in virtually any environment, anytime.

HeatPro series thermal cameras adopt VCA2.0 to produce reliable alarms for users. VCA 2.0 is an intelligent video content analysis technology based on deep learning algorithms, which detects targets and classifies them into human, vehicle and filters the others. With the 3-steps configuration, users can easily set up VCA rules to detect actions such as line crossing, intrusion, region entrance, and region exit with high accuracy.

Hikvision’s HeatPro series Bi-spectrum thermal cameras, comprised of turrets and bullets, provide professional protection with AI-enabled human/vehicle detection and classification, accurate temperature measurement for fire detection and real-time visual and audible alarms. The cameras hit the target for cost and performance with a variety of applications in apartments, construction sites, warehouses, industrial parks, stores and more.

The logo for HeatPro, featuring the word "Heat" in a multi-colored gradient font and "Pro" in a white, outlined font, with a shield icon behind the "o".

Hikvision HeatPro Series Thermal Cameras
Professional Protection Made Simple



Network Camera

02 DeepinView Series

11 Ultra Series

12 Special Series



DeepinView Series Network Cameras





Deeper Intelligence Beyond the Edge




DeepinView Series Cameras feature Hikvision's state-of-the-art video analytics based on deep learning technology. These cameras bring AI edge computing to life, enabling automated detection, categorization, and analysis of objects in view with unparalleled accuracy and efficiency.







- With Deep Learning algorithms and high performance GPU, the DeepinView series supports multiple algorithms built into one device and can be switched to use, so it can be applied in various scenes. The supported intelligent functions include people counting, multi-target-type detection, ANPR, hard hat detection, facial recognition, perimeter protection, queue management, and heat mapping.
- Capture images and video clearly with advanced technologies, including WDR, low-light imaging, smooth streaming, and more. Certain models with TandemVu technology feature multi-lens design and are able to capture small details and the big picture at the same time.
- DeepinView Series Cameras are edge nodes in the AI Cloud architecture, focusing on multidimensional data collection and front-end intelligent processing. These cameras feature high security levels with a variety of cybersecurity measures and the Common Criteria security certification.



Model	IDS-2CD704660-(API)/(F11)	IDS-2CD714660-IZ(HIS(Y)	IDS-2CD718660-IZ(HIS(Y)	IDS-2CD71C560-IZS
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	1/1.7" Progressive Scan CMOS
Max. Resolution	2560 × 1440	2560 × 1440	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 Main stream: H.265+/H.265/H.264+/H.264, Sub-stream: H.265/H.264/MJPEG, Third stream: H.265/H.264, Fourth stream: H.265/H.264/MJPEG, Fifth stream: H.265/H.264/MJPEG	Main stream: H.265+/H.265/H.264+/H.264 Main stream: H.265+/H.265/H.264+/H.264, Sub-stream: H.265/H.264/MJPEG, Third stream: H.265/H.264, Fourth stream: H.265/H.264/MJPEG, Fifth 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	Colour: 0.0005 Lux @ (F1.2, AGC ON); B/W: 0.0001 Lux @ (F1.2, AGC ON)	Colour: 0.0005 Lux @ (F1.2, AGC ON); B/W: 0.0001 Lux @ (F1.2, AGC ON), 0 Lux with IR	Colour: 0.002 Lux @ (F1.2, AGC ON); B/W: 0.0002 Lux @ (F1.2, AGC ON), 0 Lux with IR	Colour: 0.009 Lux @ (F1.2, AGC ON); B/W: 0.0009 Lux @ (F1.2, AGC ON)
WDR	140 dB	140 dB	120 dB	DWDR
Lens	CS mount	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 107.4° to 39.8°, vertical FOV 56° to 22.4°, diagonal FOV 130.1° to 45.7° 8 to 32 mm, horizontal FOV 42.5° to 14°, vertical FOV 23.4° to 8°, diagonal FOV 49.7° to 17°	2.8 to 12 mm, horizontal FOV 98.0° to 38.1°, vertical FOV 51.4° to 21.6°, diagonal FOV 118.0° to 44° 8 to 32 mm, horizontal FOV 37.0° to 15.0°, vertical FOV 21.0° to 9.0°, diagonal FOV 43.0° to 17.0°	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: 40 m 8 to 32 mm: 60 m	2.8 to 12 mm: 40 m 8 to 32 mm: 60 m	2.8 to 12 mm: 30 m 8 to 32 mm: 50 m
VCA	Deep-learning-based algorithm: Multi-target-type Detection, Face Recognition, People Management, People Counting, Heat Map, AIOP, Premier Protection Traditional algorithm: Motion detection, video tampering alarm, exception	Deep-learning-based algorithm: Multi-target-type Detection, Face Recognition, People Management, People Counting, Heat Map, AIOP, Premier Protection Traditional algorithm: Motion detection, video tampering alarm, exception	Deep-learning-based algorithm: Multi-target-type Detection, Face Recognition, People Management, People Counting, Heat Map, AIOP, Premier Protection Traditional algorithm: Motion detection, video tampering alarm, exception	Deep-learning-based algorithm: Multi-target-type Detection, Face Recognition, Premier Protection Traditional algorithm: Motion detection, video tampering alarm, exception
Frame Rate	50 Hz: 50 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60 Hz: 60 fps (2560 × 1440, 1920 × 1080, 1280 × 720)	50 Hz: 50 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60 Hz: 60 fps (2560 × 1440, 1920 × 1080, 1280 × 720)	50 Hz: 25 fps (3840 × 2160, 3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720) 60 Hz: 30 fps (3840 × 2160, 3072 × 1728, 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)
Streams	5	5	5	5+5
Protection Level	-	IP67, IK10, -Y: NEMA 4X	IP67, IK10, -Y: NEMA 4X	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°
Operating Temperature	-30 °C to 60 °C (-22 °F to 140 °F).	-30 °C to 60 °C [-22 °F to 140 °F] With heater model (-H): -40 °C to 60 °C [-40 °F to 140 °F]	-30 °C to 60 °C [-22 °F to 140 °F] With heater model (-H): -40 °C to 60 °C [-40 °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	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	Outdoor	Outdoor	Indoor
Audio I/O	1 input (line in), 1 output (line out), 3.5 mm connector, 1 built-in microphone	1 input (line in), 3.5 mm connector; 1 output (line out), 3.5 mm connector, 2 built-in microphones, 1 built-in speaker	1 input (line in), 3.5 mm connector; 1 output (line out), 3.5 mm connector, 2 built-in microphones, 1 built-in speaker	1 input (line in), 3.5 mm connector; 1 output (line out), 3.5 mm connector, mono sound, 1 built-in microphone
Alarm I/O	2 inputs, 2 outputs (max. 24 VDC, 1A)	2 input, 2 output (max. 24 VDC/24 VAC, 1 A)	2 input, 2 output (max. 24 VDC/24 VAC, 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 ± 25%, three-core terminal block 24 VAC ± 25%, PoE: 802.3at, Type 2 Class 4	12 VDC ± 25%, three-core terminal block 24 VAC ± 25%, PoE: 802.3at, Type 2 Class 4	12 VDC ± 20%, two-core terminal block, reverse polarity protection; 24 VAC ± 20%; PoE: 802.3af, Type 1 Class 3

Model	IDS-2CD754660-IZHS(Y)	IDS-2CD758660-IZHS(Y)	IDS-2CD75C560-IZHS(Y)(R)	IDS-2CD7A4660-IZHS(Y)
Image	 DeepinView	 DeepinView	 DeepinView	 DeepinView
Image Sensor	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.7" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS
Max. Resolution	2560 × 1440	3840 × 2160	4000 × 3000	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	Colour: 0.0005 Lux @ (F1.2, AGC ON); B/W: 0.0001 Lux @ (F1.2, AGC ON), 0 Lux with IR	Colour: 0.002 Lux @ (F1.2, AGC ON); B/W: 0.0002 Lux @ (F1.2, AGC ON), 0 Lux with IR	Colour: 0.009 Lux @ (F1.2, AGC ON); B/W: 0.0009 Lux @ (F1.2, AGC ON)	Colour: 0.0005 Lux @ (F1.2, AGC ON); B/W: 0.0001 Lux @ (F1.2, AGC ON), 0 Lux with IR
WDR	140 dB	120 dB	DWDR	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
FOV	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 8.48°, 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: 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	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: 50 m 8 to 32 mm: 80 m
VCA	Deep-learning-based algorithm: Multi-target-type Detection, Face Recognition, People Management, People Counting, Heat Map, AIOP, Premier Protection Traditional algorithm: Motion detection, video tampering alarm, exception	Deep-learning-based algorithm: Multi-target-type Detection, Face Recognition, People Management, People Counting, Heat Map, AIOP, Premier Protection Traditional algorithm: Motion detection, video tampering alarm, exception	Deep-learning-based algorithm: Multi-target-type Detection, Face Recognition, Premier Protection Traditional algorithm: Motion detection, video tampering alarm, exception	Deep-learning-based algorithm: Multi-target-type Detection, Face Recognition, Premier Protection Traditional algorithm: Motion detection, video tampering alarm, exception
Frame Rate	50 Hz: 50 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60 Hz: 60 fps (2560 × 1440, 1920 × 1080, 1280 × 720)	50 Hz: 25 fps (3840 × 2160, 3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720) 60 Hz: 30 fps (3840 × 2160, 3072 × 1728, 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)	50 Hz: 50 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60 Hz: 60 fps (2560 × 1440, 1920 × 1080, 1280 × 720)
Streams	5	5	5+5	5
Protection Level	IP67, IK10 -Y: NEMA 4X	IP67, IK10 -Y: NEMA 4X	IP67, IK10 -Y: NEMA 4X	IP67, IK10 -Y: NEMA 4X
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°	Bracket, pan: 0° to 355°, tilt: 0° to 90°, rotate: 0° to 360°
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 (-22 °F to 140 °F)	-40 °C to 60 °C (-40 °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	Outdoor
Audio I/O	1 input (line in), 3.5 mm connector, 1 output (line out), 3.5 mm connector, 2 built-in microphones	1 input (line in), 3.5 mm connector, 1 output (line out), 3.5 mm connector, 2 built-in microphones	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	Without -Y: not support With -Y: 1 input (line in), 1 output (line out), 3.5 mm connector
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)	2 input, 2 outputs (max. 24 VDC, 1 A)
Power	With -Y: 12 VDC ± 20%, three-core terminal block; 24 VAC ± 20%, three-core terminal block; PoE: 802.3at, Type 2, Class 4 Without -Y: 12 VDC ± 20%, two-core terminal block; 24 VAC ± 20%, two-core terminal block; PoE: 802.3at, Type 2, Class 4	With -Y: 12 VDC ± 20%, three-core terminal block; 24 VAC ± 20%, three-core terminal block; PoE: 802.3at, Type 2, Class 4 Without -Y: 12 VDC ± 20%, two-core terminal block; 24 VAC ± 20%, two-core terminal block; PoE: 802.3at, Type 2, 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%, three-core terminal block, reverse polarity protection; PoE: 802.3at, Type 2 Class 4

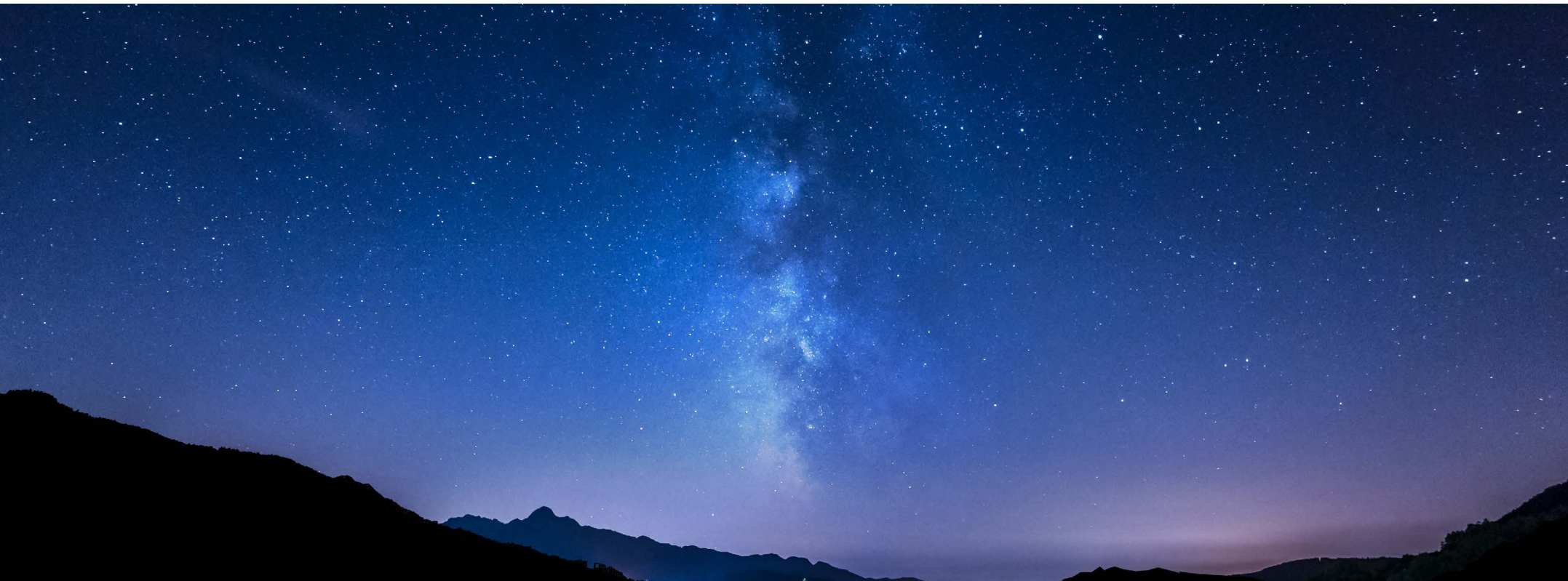
Model	IDS-2CD7A8660-IZHS(Y)	IDS-2CD7AC560-IZHS(Y)(R)	IDS-2CD7A2660/P-IZHS(Y)
Image	 DeepinView	 DeepinView	 ANPR DeepinView
Image Sensor	1/1.8" Progressive Scan CMOS	1/1.7" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS
Max. Resolution	3840 × 2160	4000 × 3000	1920 × 1080
Video Compression	Main stream: 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
Min. Illumination	Colour: 0.002 Lux @ (F1.2, AGC ON); B/W: 0.0002 Lux @ (F1.2, AGC ON), 0 Lux with IR	Colour: 0.009 Lux @ (F1.2, AGC ON); B/W: 0.0009 Lux @ (F1.2, AGC ON)	Colour: 0.0005 Lux @ (F1.2, AGC ON); B/W: 0.0001 Lux @ (F1.2, AGC ON), 0 Lux with IR
WDR	120 dB	DWDR	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
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: 96.2° 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°	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	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	2.8-12mm:50m 8-32mm:100m
VCA	Deep-learning-based algorithm: Multi-target-type Detection, Face Recognition, People Management, People Counting, Heat Map, AIOP, Premier Protection Traditional algorithm: Motion detection, video tampering alarm, exception	Deep-learning-based algorithm: Multi-target-type Detection, Face Recognition, Premier Protection 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	50 Hz: 25 fps (3840 × 2160, 3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720) 60 Hz: 30 fps (3840 × 2160, 3072 × 1728, 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)
Streams	5	5+5	5
Protection Level	IP67, IK10 -Y: NEMA 4X	IP67, IK10 -Y: NEMA 4X	IP67, IK10 -Y: NEMA 4X
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°
Operating Temperature	-40 °C to 60 °C (-40 °F to 140 °F).	-40 °C to 60 °C (-22 °F to 140 °F)	-40 °C to 60 °C (-40 °F to 140 °F).
Humidity	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
Indoor/Outdoor	Outdoor	Outdoor	Outdoor
Audio I/O	Without -Y: not support With -Y: 1 input (line in), 1 output (line out), 3.5 mm connector	With -R: not support with -IZHSY 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 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)
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






Model	IDS-2CD7A46G0/P-IZHS(Y)	IDS-2CD7A45G0-IZ(H)SI(Y)	IDS-2CD7547G0/P-XZHSY
Image	 	 	 
Image Sensor	1/1.8" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS
Max. Resolution	2688 x 1520	2688 x 1520	2688 x 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/Fourth stream/Fifth stream: H.265/H.264/MJPEG Third stream: H.265/H.264	Main stream: H.265+/H.265/H.264+/H.264, Sub-stream: H.265/H.264/MJPEG, Third stream: H.265/H.264, Fourth stream: H.265/H.264/MJPEG, Fifth stream: H.265/H.264
Min. Illumination	Colour: 0.0005 Lux @ (F1.2, AGC ON); B/W: 0.0001 Lux @ (F1.2, AGC ON), 0 Lux with IR	Colour: 0.009 Lux @ (F1.6, AGC ON), B/W: 0.0018 Lux @ (F1.6, AGC ON), 0 Lux with IR	Colour: 0.0003 Lux @ (F1.0, AGC ON), B/W: 0.0001 Lux @ (F1.0, AGC ON), 0 Lux with light
WDR	140 dB	140 dB	140 dB
Lens	2.8 to 12 mm or 8 to 32 mm	4.7 to 118 mm	2.8 to 12 mm
FOV	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	4.7 to 118 mm, horizontal FOV 55.8° to 2.8°, vertical FOV 32.3° to 1.6°, diagonal FOV 63° to 3°	2.8 to 12 mm, horizontal FOV 104.2° to 44.1°, vertical FOV 55.3° to 24.8°, diagonal FOV 126.8° to 51.1°
Supplement Light Range	2.8-12mm:50m 8-32mm:100m	Up to 200 m	Hybrid (IR and White Light) Light Up to 30 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, Multi-target-type Detection, Face Capture, Face Comparison Traditional algorithm: Motion detection, video tampering alarm, exception, video quality diagnosis, vibration detection	Deep-learning-based algorithm: Multi-target-type Detection, Face Recognition, People Management, People Counting, Heat Map, AIOP, Premier Protection Traditional algorithm: Motion detection, video tampering alarm, exception
Frame Rate	50Hz: 25fps (2688 x 1520, 2560 x 1440, 1920 x 1080, 1280 x 720) 60Hz: 30fps (2688 x 1520, 2560 x 1440, 1920 x 1080, 1280 x 720)	50 Hz: 25 fps (2688 x 1520, 2560 x 1440, 1920 x 1080, 1280 x 720) 50 fps (2560 x 1440, 1920 x 1080, 1280 x 720) 60 Hz: 30 fps (2688 x 1520, 2560 x 1440, 1920 x 1080, 1280 x 720) 60 fps (2560 x 1440, 1920 x 1080, 1280 x 720)	50 Hz: 50 fps (2688 x 1520, 2560 x 1440, 1920 x 1080, 1280 x 720) 60 Hz: 60 fps (2688 x 1520, 2560 x 1440, 1920 x 1080, 1280 x 720)
Streams	5	5	5
Protection Level	IP67, IK10 -Y: NEMA 4X	IP67, IK10 -Y: NEMA 4X	IP67, IK10 -Y: NEMA 4X
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°	Pan: 0° to 355°, tilt: 0° to 85°, rotate: 0° to 355°
Operating Temperature	-40 °C to 60 °C (-40 °F to 140 °F).	Without -H: -30 °C to 60 °C (-22 °F to 140 °F) With -H: -40 °C to 60 °C (-40 °F to 140 °F)	-40 °C to 60 °C (-40 °F to 140 °F).
Humidity	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 memory card slot, support microSD/microSDHC/microSDXC card, up to 256 GB	Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 256 GB
Indoor/Outdoor		Outdoor	Outdoor
Audio I/O	Without -Y: not support with -Y 1 input (line in), 3.5 mm connector, 1 output (line out), 3.5 mm connector, mono sound	1 input (line in), 1 output (line out), 3.5 mm connector	2 built-in microphones; 1 Built-in Speaker; 1 input (line in), 1 output (line out), 3.5 mm connector
Alarm I/O	2 input, 2 outputs (max. 24 VDC, 1 A)	2 inputs, 2 outputs (max. 24 VDC, 1 A)	1 input, 1 output (max. 24 VDC, 1 A)
Power	12 VDC ± 20%, three-core terminal block, reverse polarity protection; PoE: 802.3at, Type 2, Class 4	With -Y: 12 VDC ± 20%, three-core terminal block 24 VAC ± 20%, three-core terminal block PoE: 802.3at, Type 2, Class 4 Without -Y: 12 VDC ± 20%, two-core terminal block 24 VAC ± 20%, two-core terminal block PoE: 802.3at, Type 2, Class 4	12 VDC ± 20%, three-core terminal block; 24 VAC ± 20%, three-core terminal block; PoE: 802.3at, Type 2, Class 4


Ultra Series Network Cameras






Hikvision's Ultra Series Network Cameras are designed for security projects with high requirements on hardware performance, software capabilities, and long-term service. Featuring excellent imagery, convenient AI applications, customizable functionalities, and a 5-year warranty, the Ultra Series boosts and expands the success of system integrators and installers with a variety of highly reliable product choices.

- › Many camera models of the Ultra Series are embedded with a deep-learning algorithm to distinguish humans and vehicles from other moving objects. Select models are able to automatically ward off detected trespassers with visual and auditory warnings.
- › With resolution up to 4K (8 MP), 120 dB WDR, and the ColorVu and DarkFighter low-light imaging technologies, Ultra Series Cameras provide clear details and vivid colours even in the most challenging light conditions.
- › The Ultra Series Cameras come in bullet, turret, dome, and other form factors, so you can always pick the ones that suit your customers' installation environments. The series includes outdoor models resistant to water, dust and vandalism, along with specialty models with extended corrosion protection.
- › Loaded with advanced functionalities to increase your system's cybersecurity level, including 802.1x EAP-TLS 1.2, security audit logs, stream encryption, SFTP, SD card encryption, etc.
- › Supports HEOP, Metadata, ONVIF, ISAPI, SDK, and E-Home to facilitate integration



Model	PCI-D14Z2HS / PCI-D14Z8HS	PCI-B18F2S	PCI-D15F2S / PCI-D15F4S / PCI-D15F6S
Image	 	 	
Image Sensor	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS
Max. Resolution	2688 × 1520	3840 × 2160	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+
Min. Illumination	0.0014 Lux @ (F1.2, AGC ON), B/W: 0 Lux with IR	0.003 Lux @ (F1.6, AGC ON), 0 Lux with IR on	0.003 Lux @ (F1.4, AGC ON), 0 Lux with IR on
WDR	140 dB	120 dB	120 dB
Lens	2.8 to 12 mm 8 to 32 mm	2.8 m	2.8 m
FOV	2.8 to 12 mm: horizontal FOV 107° to 40°, vertical FOV 56° to 22°, diagonal FOV 130° to 46° 8 to 32 mm: horizontal FOV 43° to 15°, vertical FOV 23° to 9°, diagonal FOV 50° to 17°	2.8 mm, horizontal FOV 111°, vertical FOV 59°, diagonal FOV 131°	2.8 mm, horizontal FOV 98°, vertical FOV 72°, diagonal FOV 131°
Max. IR Range	2.8 to 12 mm: 40 m 8 to 32 mm: 60 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
Frame Rate	50Hz: 25fps (1920 × 1080, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 720)	50 Hz: 25 fps (3840 × 2160, 3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 24 fps (3840 × 2160) 30 fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720)	50 Hz: 25 fps (2592 × 1944, 2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 24 fps (2592 × 1944) 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720)
Multi-Streaming	4	4	4
Protection Level	IP67,IK10	IP67	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 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]
Operating Humidity	95% or less	95% or less	95% or less
Local Storage	256 GB	256 GB	256 GB
Audio I/O	1 in, 1 out	1 in, 1 out	1 in, 1 out, Built-in microphone(-U)
Alarm I/O	2 in, 2 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% PoE: 802.3af, Type 1, Class 3	12 VDC ± 25% PoE: 802.3af, Type 1, Class 3

Model	PCI-D18F2S / PCI-D18F4S / PCI-D18F6S	PCI-T15F2S / PCI-T15F4S / PCI-T15F6S	PCI-T18F2S / PCI-T18F4S / PCI-T18F6S	PCI-LB15F2S / PCI-LB15F4S / PCI-LB15F6S	PCI-LB18F2S / PCI-LB18F4S / PCI-LB18F6S
Image					
Image Sensor	1/1.8" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS
Max. Resolution	3840 × 2160	2592 × 1944	3840 × 2160	2592 × 1944	3840 × 2160
Video Compression	H.265 / H.264 / MJPEG / H.264+ / H.265+	H.265 / H.264 / MJPEG / H.264+ / H.265+	H.265 / H.264 / MJPEG / H.264+ / H.265+	H.265 / H.264 / MJPEG / H.264+ / H.265+	H.265 / H.264 / MJPEG / H.264+ / H.265+
Min. Illumination	0.003 Lux @ (F1.6, 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	0.003 Lux @ (F1.4, AGC ON), 0 Lux with IR on	0.003 Lux @ (F1.6, AGC ON), 0 Lux with IR on
WDR	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 mm, 4 mm, 6 mm	2.8 mm, 4 mm, 6 mm
FOV	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 98°, vertical FOV 72°, diagonal FOV 131° 4 mm, horizontal FOV 80°, vertical FOV 58°, diagonal FOV 104° 6 mm, horizontal FOV 51°, vertical FOV 37°, diagonal FOV 66°	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 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°
Max. IR Range	40 m	40 m	40 m	90 m	90 m
VCA	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection
Frame Rate	50 Hz: 25 fps (3840 × 2160, 3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 24 fps (3840 × 2160) 30 fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720)	50 Hz: 25 fps (2592 × 1944, 2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 24 fps (2592 × 1944) 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720)	50 Hz: 25 fps (3840 × 2160, 3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 24 fps (3840 × 2160) 30 fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720)	50 Hz: 25 fps (2592 × 1944, 2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 24 fps (2592 × 1944) 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720)	50 Hz: 25 fps (2592 × 1944, 2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 24 fps (2592 × 1944) 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720)
Multi-Streaming	4	4	4	4	4
Protection Level	IP67, IK10	IP67	IP67	IP67	IP67
Angle Adjustment	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°
Operating Temperature	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]
Operating Humidity	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
Audio I/O	1 in, 1 out, Built-in microphone(-U)	1 in, 1 out	1 in, 1 out	1 in, 1 out	1 in, 1 out
Alarm I/O	1 in, 1 out	1 in, 1 out	1 in, 1 out	2 in, 2 out	2 in, 2 out
Power Supply	12 VDC ± 25% PoE: 802.3af, Type 1, Class 3	12 VDC ± 25%, reverse polarity protection PoE: 802.3af, Type 1, Class 3	12 VDC ± 25%, reverse polarity protection PoE: 802.3af, Type 1, Class 3	12 VDC ± 25%, reverse polarity protection PoE: 802.3at, Class 4	12 VDC ± 25%, reverse polarity protection PoE: 802.3at, Class 4

Model	PCI-B15Z2S	PCI-B18Z2S	PCI-D15Z2S	PCI-D18Z2S	PCI-T15Z2S
Image					
Image Sensor	1/2.7" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS
Max. Resolution	2592 × 1944	3840 × 2160	2592 × 1944	3840 × 2160	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+
Min. Illumination	0.002 Lux @ (F1.4, AGC ON), 0 Lux with IR on	0.003 Lux @ (F1.6, 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	0.003 Lux @ (F1.4, AGC ON), B/W: 0 Lux with IR
WDR	120 dB	120 dB	120 dB	120 dB	120 dB
Lens	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
FOV	2.7 to 13.5 mm: horizontal FOV 113° to 34°, vertical FOV 58° to 19°, diagonal FOV 138° to 39°	2.7 to 13.5 mm: horizontal FOV 113° to 34°, vertical FOV 58° to 19°, diagonal FOV 138° to 39°	2.7 to 13.5 mm: horizontal FOV 113° to 34°, vertical FOV 58° to 19°, diagonal FOV 138° to 39°	2.7 to 13.5 mm: horizontal FOV 113° to 34°, vertical FOV 58° to 19°, diagonal FOV 138° to 39°	2.7 to 13.5 mm, horizontal FOV 103° to 32°, vertical FOV 73° to 24°, diagonal FOV 142° to 40°
Max. IR Range	2.7 to 13.5 mm: up to 60 m	2.7 to 13.5 mm: up to 60 m	2.7 to 13.5 mm: up to 60 m	2.7 to 13.5 mm: up to 60 m	40 m
VCA	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection
Frame Rate	50 Hz: 25 fps (2592 × 1944, 2688 × 1520, 1920 × 1080, 1280 × 720)	50 Hz: 25 fps (2592 × 1944, 2688 × 1520, 1920 × 1080, 1280 × 720)	50 Hz: 25 fps (2592 × 1944, 2688 × 1520, 1920 × 1080, 1280 × 720)	50 Hz: 25 fps (2592 × 1944, 2688 × 1520, 1920 × 1080, 1280 × 720)	50 Hz: 25 fps (2592 × 1944, 2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 24 fps (2592 × 1944) 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720)
Multi-Streaming	4	4	4	4	4
Protection Level	IP67,IK10	IP67,IK10	IP67,IK10	IP67,IK10	IP66 (IEC 60529-2013), IK10 (IEC 62262:2002)
Angle Adjustment	Pan: 0° to 355°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 355°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 360°
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)
Operating Humidity	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
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	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%, reverse polarity protection PoE: 802.3at, Class 4	12 VDC ± 25%, reverse polarity protection PoE: 802.3at, Class 4	12 VDC ± 25% PoE: 802.3af, class 3	12 VDC ± 25% PoE: 802.3af, class 3	12 VDC ± 25% PoE: 802.3af, class 3


Model	PCI-T18Z2S	PCI-T15F2SL / PCI-T15F4SL / PCI-T15F6SL	PCI-LB15F2SL / PCI-LB15F4SL / PCI-LB15F6SL
Image			
Image Sensor	1/1.8" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS
Max. Resolution	3840 × 2160	2592 × 1944	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+
Min. Illumination	0.003 Lux @ (F1.4, AGC ON), B/W: 0 Lux with IR	0.003 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
Lens	2.7 to 13.5 mm	2.8 mm, 4 mm, 6 mm	2.8 mm, 4 mm, 6 mm
FOV	2.7 to 13.5 mm, horizontal FOV 108° to 46°, vertical FOV 58° to 26°, diagonal FOV 127° to 52°	2.8 mm, horizontal FOV 98°, vertical FOV 72°, diagonal FOV 131° 4 mm, horizontal FOV 80°, vertical FOV 58°, diagonal FOV 104° 6 mm, horizontal FOV 51°, vertical FOV 37°, diagonal FOV 66°	2.8 mm, horizontal FOV 98°, vertical FOV 72°, diagonal FOV 131° 4 mm, horizontal FOV 80°, vertical FOV 58°, diagonal FOV 104° 6 mm, horizontal FOV 51°, vertical FOV 37°, diagonal FOV 66°
Max. IR Range	40 m	40 m	60 m
VCA	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection
Frame Rate	50 Hz: 25 fps (3840 × 2160, 3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 24 fps (3840 × 2160) 30 fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720)	50 Hz: 25 fps (2592 × 1944, 2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 24 fps (2592 × 1944) 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720)	50 Hz: 25 fps (2592 × 1944, 2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 24 fps (2592 × 1944) 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720)
Multi-Streaming	4	4	4
Protection Level	IP66 (IEC 60529-2013), IK10 (IEC 62262:2002)	IP67	IP67
Angle Adjustment	Pan: 0° to 355°, 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°
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)
Operating Humidity	95% or less	95% or less	95% or less
Local Storage	256 GB	256 GB	256 GB
Audio I/O	1 in, 1 out	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	1 in, 1 out	2 in, 2 out
Power Supply	12 VDC ± 25% PoE: 802.3af, class 3	12 VDC ± 25% PoE: 802.3af, Class 3	12 VDC ± 25%, reverse polarity protection PoE: 802.3at, Class 4

Special Series Network Cameras


Fit Anywhere, Monitor Everything

- › Covert design
- › Various lens options
- › Deep learning face capture or ANPR (optional)
- › Dual channels on one camera
- › Standalone security site with solar panels and 4G connectivity



Model	DS-2CD642561-10	DS-2CD642561-20	DS-2CD642561-30	DS-2CD202561-D/NF	DS-2CD202561/M-D/NF
Image				 Dual-lens	
Image Sensor	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS
Max. Resolution	1920 × 1080	1920 × 1080	1920 × 1080	1920 × 1080	1920 × 1080
Video Compression	Main stream: H.265+ / H.265 / H.264+ / H.264 Sub-stream: H.265 / H.264 / MJPEG Third stream: H.265 / H.264	Main stream: H.265+ / H.265 / H.264+ / H.264 Sub-stream: H.265 / H.264 / MJPEG Third stream: H.265 / H.264	Main stream: H.265+ / H.265 / H.264+ / H.264 Sub-stream: H.265 / H.264 / MJPEG Third stream: H.265 / H.264	Main stream: H.265/H.264 Sub-stream: H.265/ H.264/MJPEG Third stream: H.265/H.264	Main stream: H.265/H.264 Sub-stream: H.265/H.264/MJPEG Third stream: H.265/H.264
Min. Illumination	Colour: 0.002 Lux @ (F1.2, AGC ON)	Colour: 0.002 Lux @ (F1.2, AGC ON)	Colour: 0.002 Lux @ (F1.2, AGC ON)	Colour: 0.002 Lux @ (F1.2, AGC ON)	Colour: 0.002 Lux @ (F1.2, AGC ON)
WDR	120 dB	120 dB	120 dB	120 dB	120 dB
Lens	3.7 mm	2.8 or 3.7 mm	2.8 or 4.0 mm	3.7 mm: F2.5	2.8 mm: F2.0
FOV	3.7mm:horizontal FOV 75.5°	2.8mm:horizontal FOV 93.9° 3.7mm:horizontal FOV 75.5°	2.8mm:horizontal FOV 107.8° 4.0mm:horizontal FOV 82.8°	3.7 mm: horizontal FOV: 75.5°, vertical FOV: 41.6°, diagonal FOV: 87.3°	2.8 mm: horizontal FOV: 107.8°, vertical FOV: 57.9°, diagonal FOV: 126.7°
Max. IR Range	-	-	-	-	-
VCA	Intrusion detection, line crossing detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection Audio exception detection, defocus detection, scene change detection	Intrusion detection, line crossing detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection Audio exception detection, defocus detection, scene change detection	Intrusion detection, line crossing detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection Audio exception detection, defocus detection, scene change detection	Intrusion detection, line crossing detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection Audio exception detection, defocus detection, scene change detection	Intrusion detection, line crossing detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection Audio exception detection, defocus detection, scene change detection
Frame Rate	50 Hz: 25 fps (1920 × 1080, 1280 × 720) 60 Hz: 30 fps (1920 × 1080, 1280 × 720)	50 Hz: 25 fps (1920 × 1080, 1280 × 720) 60 Hz: 30 fps (1920 × 1080, 1280 × 720)	50 Hz: 25 fps (1920 × 1080, 1280 × 720) 60 Hz: 30 fps (1920 × 1080, 1280 × 720)	60 Hz: 60 fps (1920 × 1080, 1280 × 720)	Main Stream 60 Hz: 60 fps (1920 × 1080, 1280 × 720)
Multi-Streaming	3	3	3	3	3
Protection Level	-	-	-	-	-
Angle Adjustment	-	-	-	-	-
Operating Temperature	-10 °C to +40 °C (14 °F to +104 °F)	-10 °C to +40 °C (14 °F to +104 °F)	-10 °C to +40 °C (14 °F to +104 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)
Operating Humidity	5%- 95%	5%- 95%	5%- 95%	≤ 95%	≤ 95%
Local Storage	128 GB	128 GB	128 GB	N/A	N/A
Audio I/O	1 in, 1 out	1 in, 1 out	1 in, 1 out	1 in	1 in
Alarm I/O	1 in, 1 out	1 in, 1 out	1 in, 1 out	N/A	N/A
Installation	Indoor	Indoor	Indoor	Indoor	Indoor
Power Supply	12 VDC ± 20%, two-core terminal block, PoE: (802.3af, class 2)	12 VDC ± 20%, two-core terminal block, PoE: (802.3af, class 2)	12 VDC ± 20%, two-core terminal block, PoE: (802.3af, class 2)	12 VDC ± 20%	12 VDC ± 20%

Underwater Camera

Model	DS-2CD2D45G1/M-D/NF
Image	
Image Sensor	1/3" Progressive Scan CMOS
Max. Resolution	2560 × 1440
Video Compression	Main stream: H.265/H.264 Sub-stream: H.265/H.264/MJPEG Third stream: H.265/H.264
Min. Illumination	Colour: 0.005 Lux @ (F1.2, AGC ON)
WDR	120 dB
Lens	2.8 mm: F2.0
FOV	2.8 mm: horizontal FOV: 98°, vertical FOV: 53°, diagonal FOV: 115°
Max. IR Range	-
VCA	Intrusion detection, line crossing detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection Audio exception detection, defocus detection, scene change detection
Frame Rate	50 Hz: 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720) 60 Hz: 30 fps (2560 × 1440, 1920 × 1080, 1280 × 720)
Multi-Streaming	3
Protection Level	-
Angle Adjustment	-
Operating Temperature	-30 °C to +60 °C (-22 °F to +140 °F)
Operating Humidity	≤ 95%
Local Storage	N/A
Audio I/O	1 in
Alarm I/O	N/A
Installation	Indoor
Power Supply	12 VDC ± 20%

Model	DS-2XC6244G0-L
Image	
Image Sensor	1/1.8" Progressive Scan CMOS
Max. Resolution	2688 × 1520
Video Compression	Main stream: H.265+/H.265/H.264+/H.264 Sub-stream: H.265/H.264/MJPEG Third stream: H.265/H.264
Min. Illumination	Colour: 0.001 Lux @ (F1.0, AGC ON), B/W: 0 Lux with Light
WDR	120 dB
Lens	Varifocal lens, 3 to 9 mm
FOV	3 to 9 mm, horizontal FOV 87° to 45.8°, vertical FOV 46° to 25.6°, diagonal FOV 104° to 52.4°
Max. White Light Range	10 m
VCA	Line crossing detection, intrusion detection, region entrance detection, region exiting detection Scene change detection, unattended baggage detection, object removal detection
Frame Rate	H.265/H.264 50Hz: 25fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60Hz: 30fps (2688 × 1520, 1920 × 1080, 1280 × 720)
Multi-Streaming	3
Protection Level	IP68
Operating Temperature	-30 °C to +60 °C (-22 °F to +140 °F)
Operating Humidity	≤ 100%
Local Storage	128 GB
Audio I/O	-
Alarm I/O	-
Installation	-
Power Supply	36 VDC ± 20%, 0.6 A, max. 17 W, two-core terminal block PoE (802.3.at, Class 3, 42.5 V to 57 V), 0.45 A to 0.3 A, 17 W

Model	DS-2XS6A87G1-LS/C36S80
Image	
Image Sensor	1/1.2" Progressive Scan CMOS
Max. Resolution	3840 × 2160
Video Compression	Main stream: H.265 Sub-stream: H.264/H.265/MJPEG Third Stream: H.265/H.264 *Performance mode: main stream supports H.265+
Min. Illumination	Colour: 0.0005 Lux @ (F1.0, AGC ON), B/W: 0 Lux with white light
WDR	130 dB
Lens	Fixed focal lens, 2.8 and 4 mm optional
FOV	2.8 mm, horizontal FOV: 101.6°, vertical FOV: 52.4°, diagonal FOV: 124° 4 mm, horizontal FOV: 88.0°, vertical FOV: 47.0°, diagonal FOV: 104.3°
Supplement Light Range	30 m
VCA	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection, scene change detection, face detection *Smart events are only supported under performance mode.
Frame Rate	50 Hz: 12.5 fps (3840 × 2160, 2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 15 fps (3840 × 2160, 2688 × 1520, 1920 × 1080, 1280 × 720)
Multi-Streaming	3
Protection Level	IP67
Operating Temperature	Charging: -20 °C to 45 °C (-4 °F to 113 °F) Discharging: -20 °C to 60 °C (-4 °F to 140 °F)
Operating Humidity	Humidity 95% or less (non-condensing)
Local Storage	Built-in memory card slot, support microSD card, up to 256 GB; Built-in 64 GB eMMC storage
Audio I/O	1 input (line in), max. input amplitude: 3.3 Vpp, input impedance: 4.7 kΩ, interface type: non-equilibrium, 1 output (line out), max. output amplitude: 3.3 Vpp, output impedance: 100 Ω, interface type: non-equilibrium
Alarm I/O	1 input(s), 1 output(s) [max. 12 VDC, 1 A]
Installation	Outdoor
Power Supply	12 VDC ± 20%, 4-pin M8 waterproof connector 1. Standby power consumption: 53 mW 2. The average power consumption of 24 hours: 2 W [4G transmission is excluded]. 3. The max. power consumption: 3.2 W

PTZ Dome Camera

16 TandemVu PTZ Cameras

18 Ultra Series

22 Special Series












TandemVu PTZ Cameras

Big Picture and Small Details in One View

- › H.265+/H.265 codec
- › High-quality imaging with 4 MP resolution for both bullet and PTZ channels
- › ColorVu, DarkFighter, Powered by DarkFighter technologies
- › 180° image stitching (panoramic models only)
- › Smart linkage
- › Deep-learning-based target classification algorithm for Auto-Tracking 3.0 and perimeter protection
- › False alarm reduction through human and vehicle target classification based on AcuSense technology
- › Traffic management with vehicle attributes analysis, license plate recognition, and traffic violation detection
- › Image enhancement including rapid focus, P-Iris (Precise Iris for best quality or best depth of field), 120 dB WDR, and IR
- › High zoom ratio & built-in gyroscope to improve EIS performance (GIS)
- › Supports IK10 & IP67, wiper
- › Supports Open Network Video Interface and ISAPI
- › Supports Hikvision SDK and third-party management platforms







Model	DS-2SE4C425MW6-E(14F0)	DS-2SE7C432MW-AEB(14F1)	DS-2SF8C442MXS-DLW(24F0)
Image	  Powered by 	  Powered by 	  Powered by 
Image Sensor	[Bullet channel]: 1/3" Progressive Scan CMOS; [PTZ channel]: 1/2.8" progressive scan CMOS	[Bullet channel]: 1/1.8" Progressive Scan CMOS; [PTZ channel]: 1/1.8" progressive scan CMOS	[Bullet channel] 1/1.8" Progressive Scan CMOS, [PTZ channel] 1/1.8" Progressive Scan CMOS
Resolution	2560 × 1440	[Bullet channel] 2560 × 1440, [PTZ channel] 2560 × 1440	[Bullet channel] 3840 × 1080, [PTZ channel] 2560 × 1440
Video Compression	Main Stream: H.265+ / H.265 / H.264+ / H.264	Main Stream: H.265+ / H.265 / H.264+ / H.264	Main stream: H.265+/H.265/H.264+/H.264
Lens	[Bullet channel]: 2.8 mm; [PTZ channel]: 4.8 to 120 mm	[Bullet channel]: 4 mm; [PTZ channel]: 5.9 to 188.8 mm, 32 × optical	[Bullet channel] 2.8 mm, [PTZ channel] 5.9 to 247.8 mm
Angle of View	[Bullet channel]: Horizontal field of view: 96.1°, Vertical field of view: 52.1°, Diagonal field of view: 113.3°; [PTZ channel]: Horizontal field of view: 55° to 2.4° (wide-tele), Vertical field of view: 33° to 1.4° (wide-tele), Diagonal field of view: 61.5° to 2.8° (wide-tele)	[Bullet channel]: Horizontal field of view: 88.7°, Vertical field of view: 44.7°; [PTZ channel]: Horizontal field of view: 60.2° to 2.3° (wide-tele)	[Bullet channel] horizontal field of view: 190° ± 5°, vertical field of view: 50° ± 5°, diagonal field of view: 198° ± 5°, [PTZ channel] horizontal field of view: 56.6° to 3.1°, vertical field of view: 34.2° to 1.1°, diagonal field of view: 67.1° to 2.3°
Min. Illumination	[Bullet channel]: 0.0005 Lux @ (F1.0, AGC ON), 0 Lux with light; [PTZ channel]: Colour: 0.005 Lux @ (F1.6, AGC ON), B/W: 0.001 Lux @ (F1.6, AGC ON), 0 Lux with IR	[Bullet channel]: 0.0005 Lux @ (F1.0, AGC ON), 0 Lux with light; [PTZ channel]: Colour: 0.005 Lux @ (F1.5, AGC ON), B/W: 0.001 Lux @ (F1.5, AGC ON), 0 Lux with IR	[Bullet channel] Colour: 0.0005 Lux @ (F1.0, AGC ON), B/W: 0.0001 Lux @ (F1.0, AGC ON), 0 Lux with light, [PTZ channel] Colour: 0.0005 Lux @ (F1.2, AGC ON), B/W: 0.0001 Lux @ (F1.2, AGC ON), 0 lux with IR
WDR	120 dB	120 dB	[Bullet channel] No, [PTZ channel] 120 dB
Max. IR Range	[PTZ channel]: up to 100 m; [Bullet channel]: up to 30 m	300m	300m
VCA	Motion detection, video tampering alarm, exception, alarm input and output audio exception detection, region exiting detection, region entrance detection, intrusion detection, Line crossing detection	[PTZ channel & bullet channel] audio exception detection, [PTZ channel] line crossing detection, intrusion detection, region entrance detection, region exiting detection, [Bullet channel] line crossing detection, intrusion detection, region entrance detection, region exiting detection ANR; Dual-VCA white light and audible warning	[PTZ channel & bullet channel] audio exception detection, [PTZ channel] line crossing detection, intrusion detection, region entrance detection, region exiting detection
Frame Rate	[Bullet channel]: 50 Hz: 25 fps (2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720) 60 Hz: 30 fps (2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720) [PTZ channel]: 50 Hz: 25 fps (2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720) 60 Hz: 30 fps (2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720)	[Bullet channel]: 50 Hz: 25 fps (2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720) 60 Hz: 30 fps (2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720) [PTZ channel]: 50 Hz: 25 fps (2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720) 60 Hz: 30 fps (2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720)	[Bullet channel] 50 Hz: 25 fps (3840 × 1080), 60 Hz: 24 fps (3840 × 1080), [PTZ channel] 50 Hz: 25 fps (2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720), 60 Hz: 30 fps (2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720)
Streams	3	3	3
Protection Level	IP66 Standard, 6000 V Lightning Protection, Surge Protection and Voltage Transient Protection	IK10 ; IP66	IK10 ; IP67
Pan Range	360° endless	360° endless	[PTZ channel] 0° to 360°
Tilt Range	-15° to 90° (auto flip)	-15° to 90° (auto flip)	[Bullet channel] 7° to 17°, [PTZ channel] -20° to 90°
Pan Speed	pan speed: configurable from 0.1° to 80°/s; preset speed: 80°/s	pan speed: configurable from 0.1° to 160°/s; preset speed: 240°/s	[PTZ channel] pan speed: configurable from 0.1° to 160°/s, preset speed: 240°/s
Tilt Speed	Tilt speed: configurable from 0.1° to 80°/s, preset speed 80°/s	tilt speed: configurable from 0.1° to 120°/s, preset speed 200°/s	[Bullet channel] tilt speed configurable, [PTZ channel] tilt speed: configurable from 0.1° to 120°/s, preset speed 200°/s
Operating Temperature	-30°C to 65°C (-22°F to 149°F),	-30°C to 65°C (-22°F to 149°F)	-40 °C to 70 °C (-40 °F to 158 °F).
Humidity	≤ 90%	≤ 90%	≤ 95%
Local Storage	Built-in memory card slot, support Micro SD/Micro SDHC/Micro SDXC, up to 256 GB	Built-in memory card slot, support Micro SD/Micro SDHC/Micro SDXC, up to 256 GB	Built-in memory card slot, support Micro SD/Micro SDHC/Micro SDXC, up to 256 GB
Audio I/O	1/1	1/1	1/1
Alarm I/O	1/1	2/1	7/2
Power	DC12V, PoE+ Max. 24 W, including max. 2.6 W for heater and max. 11 W for supplement light	24 VAC, Hi-PoE	36 VDC ± 25%, max. 70 W, including max. 6 W for heater and max. 6 W for supplement light of bullet channel, and max. 6 W for heater and max. 15 W for supplement light of PTZ channel


Ultra Series PTZ Cameras


Great Innovation, Inside and Out



- > H.265+/H.265 codec
- > 4K ultra HD
- > ColorVu, DarkFighter, DarkFighterX technology
- > High resolution DarkFighter deep-learning-based target classification algorithm for Auto-Tracking 3.0 and perimeter protection
- > False alarm reduction
- > Face capture and ANPR
- > Traffic management with vehicle attributes analysis, license plate recognition, and traffic violation detection
- > Smart Pan-Tilt Correction, automatically recovering accidental viewing angle changes
- > Image enhancement including rapid focus, P-Iris, 140 dB WDR, and extended IR
- > High zoom ratio & optical image stabilization (OIS)
- > Supports IK10 & IP67, wiper, anti-corrosion
- > Supports Open Network Video Interface and ISAPI
- > Supports Hikvision SDK and third-party management platform



Model	DS-2DF8242IX-AEL(W)(T5)	DS-2DF8442IXS-AEL(W)(T5)	DS-2DF6A436X-AEL(T5)	DS-2DF6A836X-AEL(T5)
Image	 DarkFighter ⁺	 DarkFighter ⁺	 DarkFighter ⁺	 4K DarkFighter ⁺
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	1920 × 1080	2560 × 1440	2560 × 1440	3840 × 2160
Video Compression	Main Stream: H.265+ / H.265 / H.264+ / H.264	Main Stream: H.265+ / H.265 / H.264+ / H.264	Main Stream: H.265+ / H.265 / H.264+ / H.264	Main Stream: H.265+ / H.265 / H.264+ / H.264
Lens	6.0 to 252 mm, 42x optical	6.0 to 252 mm, 42x optical	6.0 to 216 mm, 36x optical zoom	6.0 mm to 216 mm, 36x Optical
Angle of View	Horizontal field of view: 56.6° to 1.7° (wide-tele), Vertical field of view: 33.7° to 0.9° (wide-tele), Diagonal field of view: 63.4° to 1.9° (wide-tele)	Horizontal field of view: 56.6° to 1.7° (wide-tele), Vertical field of view: 33.7° to 0.9° (wide-tele), Diagonal field of view: 63.4° to 1.9° (wide-tele)	Horizontal field of view: 56.6° to 2.0° (wide-tele), Vertical field of view: 33.7° to 1.2° (wide-tele), Diagonal field of view: 63.4° to 2.3° (wide-tele)	Horizontal field of view: 56.6° to 1.7° (wide-tele), Vertical field of view: 33.7° to 0.9° (wide-tele), Diagonal field of view: 63.4° to 1.9° (wide-tele)
Min. Illumination	Colour: 0.001 Lux @(F1.2, AGC ON)	Colour: 0.001 Lux @(F1.2, AGC ON)	Colour: 0.002 lux @(F1.2, AGC ON)	Colour: 0.005 lux @(F1.5, AGC ON)
WDR	140 dB	140 dB	140 dB	140 dB
Max. IR Range	400 m	400 m	-	-
VCA	Face Capture, Road Traffic, Auto tracking 2.0 (support tracking specified target types such as human and vehicle), Event tracking Filtering out mistaken alarm caused by target types such as leaf, light, animal, and flag, etc. Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Unattended Baggage Detection, Object Removal Detection, Audio Exception Detection	Multi-target-type Detection (support face and human body capture, and output linked information), Face capture, Road Traffic, People Arming, Vehicle Arming, Auto tracking 3.0 (support tracking specified target types such as human and vehicle Note:ATK 3.0 will support in Q4), Event tracking Filtering out mistaken alarm caused by target types such as leaf, light, animal, and flag, etc. Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Unattended Baggage Detection, Object Removal Detection, Audio Exception Detection	Face Capture, Road Traffic, Auto tracking 2.0 (support tracking specified target types such as human and vehicle), Event tracking Filtering out mistaken alarm caused by target types such as leaf, light, animal, and flag, etc. Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Unattended Baggage Detection, Object Removal Detection, Audio Exception Detection	Face Capture, Auto tracking 2.0 (support tracking specified target types such as human and vehicle), Event tracking Filtering out mistaken alarm caused by target types such as leaf, light, animal, and flag, etc. Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Unattended Baggage Detection, Object Removal Detection, Audio Exception Detection
Frame Rate	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25 fps(2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30 fps(2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (2560 × 1440, 1920×1080, 1280 × 960, 1280×720) 60Hz: 30fps (2560 × 1440, 1920×1080, 1280 × 960, 1280×720)	50 Hz: 25 fps (3840 × 2160, 2560×1440, 1920×1080, 1280×960, 1280×720) 60 Hz: 24 fps (3840 × 2160, 2560×1440, 1920×1080, 1280×960, 1280×720)
Streams	3	3	3	3
Protection Level	IP67 (IEC 60529-2013), IK10 (IEC 62262:2002), Lightning Protection, Surge Protection and Voltage Transient Protection, ±6kV Line to Gnd, ±3kV Line to Line	IP67 (IEC 60529-2013), IK10 (IEC 62262:2002), Lightning Protection, Surge Protection and Voltage Transient Protection, ±6kV Line to Gnd, ±3kV Line to Line	Lightning Protection, Surge Protection and Voltage Transient Protection, ±6kV Line to Gnd, ±3kV Line to Line, IEC61000-4-5, IP67 Standard, IK10	IP67 Standard, IK10, 6000V Lightning Protection, Surge Protection and Voltage Transient Protection
Pan Range	360° endless	360° endless	360° endless	360° endless
Tilt Range	From -20° to 90°	From -20° to 90°	From -20° to 90° (auto flip)	From -20° to 90° (auto flip)
Pan Speed	Configurable, from 0.1°/s to 210°/s, Preset Speed: 280°/s	Configurable, from 0.1°/s to 210°/s, Preset Speed: 280°/s	Configurable, from 0.1°/s to 300°/s, preset speed: 540°/s	Configurable, from 0.1°/s to 350°/s, preset speed: 540°/s
Tilt Speed	Configurable, from 0.1°/s to 150°/s, Preset Speed: 250°/s	Configurable, from 0.1°/s to 150°/s, Preset Speed: 250°/s	Configurable, from 0.1°/s to 240°/s, Preset Speed: 400°/s	Configurable, from 0.1°/s to 240°/s, Preset Speed: 400°/s
Operating Temperature	Temperature: -40°C to 70°C (-40°F to 158°F)	Temperature: -40°C to 70°C (-40°F to 158°F)	Temperature: -40°C to 70°C (-40°F to 158°F)	-40°C to 70°C (-40°F to 158°F)
Humidity	≤ 95%	≤ 95%	≤ 90%	≤ 95%
Local Storage	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NFS, SMB/ CIFS), ANR	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NFS, SMB/CIFS), ANR
Audio I/O	1/1	1/1	1/1	1/1
Alarm I/O	7/2	7/2	7/2	7/2
Power	24 VAC (Max. 60 W) , Hi-PoE (Max. 50 W)	24 VAC (Max. 60 W) , Hi-PoE (Max. 50 W)	24 VAC (Max. 60 W) , Hi-PoE (Max. 50 W)	24 VAC (Max. 45 W) , Hi-PoE (Max. 50 W)

Model	DS-2DF5232X-AEL(3)(T5)
Image	
Image Sensor	1/2.8" progressive scan CMOS
Resolution	1920 × 1080
Video Compression	Main Stream: H.265+ / H.265 / H.264+ / H.264
Lens	4.8 to 153 mm, 32x optical
Angle of View	Horizontal field of view: 58.4° to 2.14° (wide-tele) Vertical field of view: 33.8° to 1.2° (wide-tele) Diagonal field of view: 65.6° to 2.46° (wide-tele)
Min. Illumination	Colour: 0.002 lux @ (F1.2, AGC ON)
WDR	120 dB
Max. IR Range	-
VCA	Face Capture, Road Traffic, Auto tracking 2.0 (support tracking specified target types such as human and vehicle), Event tracking Filtering out mistaken alarm caused by target types such as leaf, light, animal, and flag, etc. Intrusion Detection, Line Crossing Detection, Region Entrance Detection, Region Exiting Detection, Unattended Baggage Detection, Object Removal Detection, Audio Exception Detection
Frame Rate	50Hz: 50fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 60fps (1920 × 1080, 1280 × 960, 1280 × 720)
Streams	3
Protection Level	IP66 Standard (Outdoor), IK10
Pan Range	360° endless
Tilt Range	From -15° to 90° (Auto flip)
Pan Speed	Configurable, from 0.1°/s to 300°/s, Preset Speed: 540°/s
Tilt Speed	Configurable, from 0.1°/s to 240°/s, Preset Speed: 400°/s
Operating Temperature	Outdoor model: -40°C to 70°C (-40°F to 158°F) Indoor model: -10°C to 50°C (14°F to 122°F)
Humidity	≤ 95%
Local Storage	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NFS, SMB/ CIFS), ANR
Audio I/O	1/1
Alarm I/O	7/2
Power	Outdoor model: 24 VAC (Max. 60 W) , Hi-PoE (Max. 40 W) Indoor model: 24 VAC (Max. 25 W) , Hi-PoE (Max. 25 W)

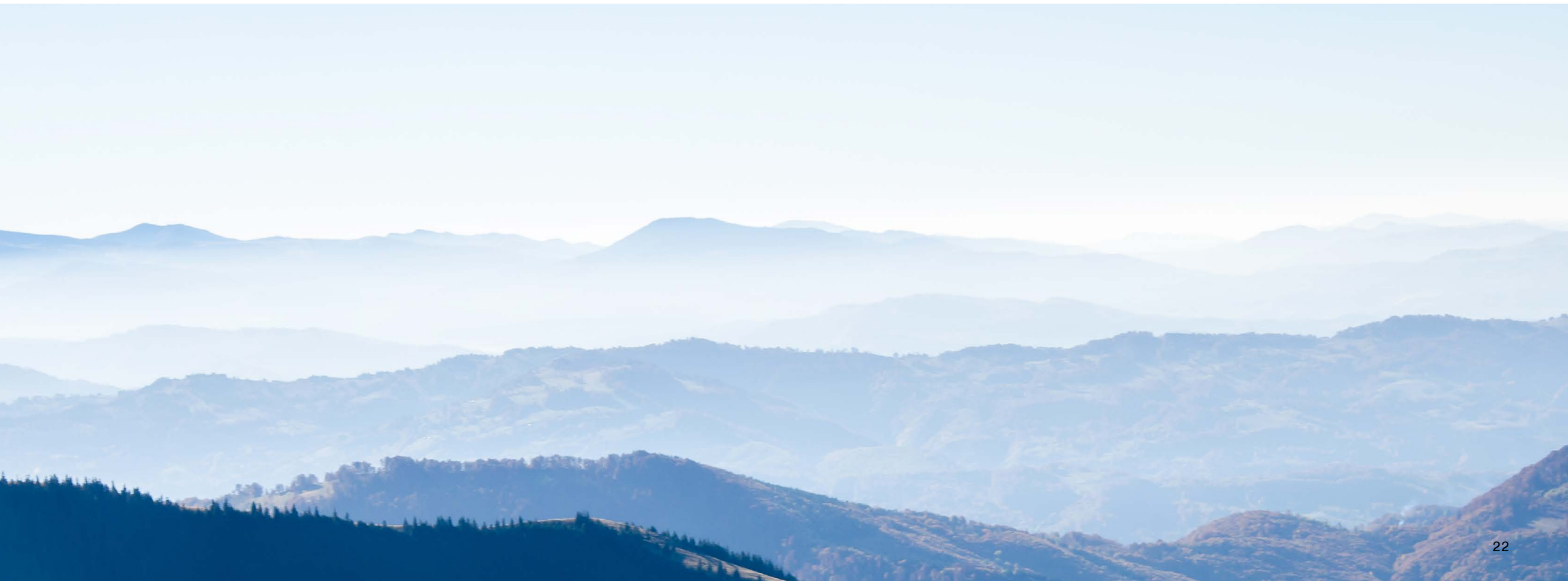
Model	DS-2DE7A412MC6-EB
Image	 ColorVu
Image Sensor	1/1.8" progressive scan CMOS
Resolution	2560 × 1440
Video Compression	Main stream: H.265+ /H.265/H.264+ /H.264
Lens	6.7 mm to 80.4 mm, 12 × optical, 16 × digital
Angle of View	Horizontal field of view: 51.5° to 7.9° (wide-tele), Vertical field of view: 30.3° to 4.4° (wide-tele), Diagonal field of view: 57.9° to 9.0° (wide-tele)
Min. Illumination	Colour:0.0005Lux @ (F1.2, AGC ON), B/W:0.0001Lux @ (F1.2, AGC ON), 0 Lux with Light
WDR	120 dB
Max. IR Range	White light: up to 100 m IR: up to 150 m
VCA	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection, audio exception detection, Manual tracking, auto-tracking, Motion detection, video tampering alarm, exception, alarm input and output, Face Capture:Detects up to 5 faces simultaneously. Supports detecting, capturing, grading, selecting of face in motion, and output the best face picture of the face
Frame Rate	50 Hz: 25 fps (2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720); 60 Hz: 30 fps (2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720)
Streams	3
Protection Level	IP66 (IEC 60529-2013), IK10 (excluding glass window), TVS 6000V lightning protection, surge protection and voltage transient protection
Pan Range	360° endless
Tilt Range	From -15° to 90° (Auto-flip)
Pan Speed	Pan speed: configurable from 0.1° to 160°/s; preset speed: 240°/s
Tilt Speed	Tilt speed: configurable from 0.1° to 120°/s, preset speed 200°/s
Operating Temperature	-30 °C to 65 °C (-22 °F to 149 °F).
Humidity	≤ 90%
Local Storage	Built-in memory card slot, support Micro SD / SDHC / SDXC, up to 256 GB
Audio I/O	1/1
Alarm I/O	2/1
Power	24 VAC, max. 42 W (including max. 12 W for IR and max. 2 W for heater) Hi-PoE





Model	DS-2DE7A432IW-AEB(T5)	DS-2DE7A825IW-AEB(T5)
Image		 (4K)
Image Sensor	1/1.8" progressive scan CMOS	1/1.8" progressive scan CMOS
Resolution	2560 × 1440	3840 × 2160
Video Compression	Main Stream: H.265+ / H.265 / H.264+ / H.264	Main Stream: H.265+ / H.265 / H.264+ / H.264
Lens	5.9 mm to 188.8 mm, 32x optical	5.9mm to 147.5 mm, 25x optical
Angle of View	Horizontal field of view: 50.8° to 2.6° (wide-tele), Vertical field of view: 29.4° to 1.5° (wide-tele), Diagonal field of view: 57.4° to 3° (wide-tele)	Horizontal field of view: 50.8° to 2.6° (wide-tele), Vertical field of view: 29.4° to 1.5° (wide-tele), Diagonal field of view: 57.4° to 3° (wide-tele)
Min. Illumination	Colour: 0.005 Lux @ (F1.6, AGC ON), B/W: 0.001 Lux@(F1.6, AGC ON), 0 Lux with IR	Colour: 0.005 Lux @ (F1.6, AGC ON), B/W: 0.001 Lux@(F1.6, AGC ON), 0 Lux with IR
WDR	120 dB	120 dB
Max. IR Range	200 m	200 m
VCA	Face Capture, Intrusion detection, line crossing detection(Support alarm triggering by specified target types [human and vehicle]), region entrance detection, region exiting detection, unattended baggage detection, object removal detection, audio exception	Face Capture, Intrusion detection, line crossing detection(Support alarm triggering by specified target types [human and vehicle]), region entrance detection, region exiting detection, unattended baggage detection, object removal detection, audio exception
Frame Rate	50 Hz: 25 fps (2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720); 60 Hz: 30 fps (2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720)	50 Hz: 25 fps (3840 × 2160, 2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720); 60 Hz: 24 fps (3840 × 2160, 2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720)
Streams	3	3
Protection Level	IP66 (IEC 60529-2013), IK10 (excluding glass window), TVS 6000V lightning protection, surge protection and voltage transient protection	IP66 (IEC 60529-2013), IK10 (excluding glass window), TVS 6000V lightning protection, surge protection and voltage transient protection
Pan Range	360° endless	360° endless
Tilt Range	From -15° to 90° (Auto Flip)	From -15° to 90° (Auto Flip)
Pan Speed	Configurable, from 0.1°/s to 160°/s, Preset Speed: 240°/s	Configurable, from 0.1°/s to 160°/s, Preset Speed: 240°/s
Tilt Speed	Configurable, from 0.1°/s to 120°/s, Preset Speed: 200°/s	Configurable, from 0.1°/s to 120°/s, Preset Speed: 200°/s
Operating Temperature	-30°C to 65°C (-22°F to 149°F)	-30°C to 65°C (-22°F to 149°F)
Humidity	≤ 90%	≤ 90%
Local Storage	support microSD/microSDHC/microSDXC cards, up to 256 GB	support microSD/microSDHC/microSDXC cards, up to 256 GB
Audio I/O	1/1	1/1
Alarm I/O	2/1	2/1
Power	24 VAC, max. 42 W (including max. 18 W for IR and max. 10 W for heater); Hi-PoE	24 VAC, max. 42 W (including max. 18 W for IR and max. 10 W for heater); Hi-PoE

Special Series PTZ Cameras

Great Innovation, Inside and Out

- › Up to 1920 x 1080 resolution
- › H.265+ / H.265 codec
- › DarkFighter Technology
- › False alarm reduction through human and vehicle target classification based on AcuSense technology
- › More zoom ratio options 25x / 36x / 40x / 50x / 100x
- › Supplemental light options – IR (up to 400 m in distance), Laser (up to 3,000 m in distance)
- › Supports IP66, wiper
- › Supports Open Network Video Interface and ISAPI
- › Supports Hikvision SDK and third-party management platform
- › Traffic violation detection with deep-learning algorithm (only supported by Traffic PTZ Cameras)
- › Built-in gauge reading algorithm (only supported by Water-Level Monitoring PTZ Cameras)



Model	DS-2DY9240IX-A(T5)	DS-2DY9250IAX-A(T5)	DS-2DY9250X-A(T5)	DS-2DY5225IX-AE(T5)
Image	 DarkFighter ⁺	 DarkFighter ⁺	 DarkFighter ⁺	 DarkFighter ⁺
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
Resolution	1920 × 1080	1920 × 1080	1920 × 1080	1920 × 1080
Video Compression	Main Stream: H.265+ / H.265 / H.264+ / H.264	Main Stream: H.265+ / H.265 / H.264+ / H.264	Main Stream: H.265+ / H.265 / H.264+ / H.264	Main Stream: H.265+ / H.265 / H.264+ / H.264
Lens	6.0 mm to 240 mm, 40 × optical	6.0 mm to 300 mm, 50 × optical	6.0 mm to 300 mm, 50 × optical	5.9-147.5 mm, 25 × optical
Angle of View	Horizontal field of view: 59.0 to 1.8° (wide-tele) Vertical field of view: 33.7° to 1.1° (wide-tele), Diagonal field of view: 63.4° to 2.1° (wide-tele)	Horizontal field of view: 56.6° to 1.4° (wide-tele) Vertical field of view: 33.7° to 0.9° (wide-tele) Diagonal field of view: 63.4° to 1.6° (wide-tele)	Horizontal field of view: 56.6° to 1.4° (wide-tele) Vertical field of view: 33.7° to 0.9° (wide-tele) Diagonal field of view: 63.4° to 1.6° (wide-tele)	Horizontal FOV: 55.4° to 2.1° (wide-tele), Vertical FOV: 32.4° to 1.2° (wide-tele), Diagonal FOV: 62° to 3.3° (wide-tele)
Min. Illumination	colour: 0.005 Lux @ (F1.2, AGC ON), 0 Lux with IR	Colour: 0.005 Lux @ (F1.2, AGC ON), B/W: 0.001 Lux @ (F1.2, AGC ON), 0 Lux with Laser	B/W: 0.001 Lux @ (F1.2, AGC ON), colour: 0.005 Lux @ (F1.2, AGC ON)	colour: 0.005 Lux @ (F1.5, AGC ON), B/W: 0.001 Lux @ (F1.5, AGC ON), 0 Lux with IR
WDR	140 dB	140 dB	140 dB	120 dB
Max. IR Range	400 m	1000 m	N/A	250 m
VCA	Face capture, Intrusion detection, Line crossing detection, Audio exception detection, Region entrance detection, Region exiting detection	Face capture, Intrusion detection, Line crossing detection, Audio exception detection, Region entrance detection, Region exiting detection	Face capture, Intrusion detection, Line crossing detection, Audio exception detection, Region entrance detection, Region exiting detection	Face capture, Intrusion detection, Line crossing detection, Audio exception detection, Region entrance detection, Region exiting detection
Frame Rate	50Hz: 25 fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30 fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30 fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30 fps (1920 × 1080, 1280 × 960, 1280 × 720)	50 Hz: 25 fps (1920 × 1080, 1280 × 960, 1280 × 720) 60 Hz: 30 fps (1920 × 1080, 1280 × 960, 1280 × 720)
Streams	3	3	3	3
Protection Level	IP66 Standard, 6000V Lightning Protection, Surge Protection and Voltage Transient Protection	IP66 Standard, 6000V Lightning Protection, Surge Protection and Voltage Transient Protection	IP66 Standard, 6000V Lightning Protection, Surge Protection and Voltage Transient Protection	IP66, TVS 6000V Lightning Protection, Surge Protection and Voltage Transient Protection
Pan Range	360°	360°	360°	360° endless
Tilt Range	+40° to -90°	+40° to -90°	+40° to -90°	From +90° to -90° (auto flip)
Pan Speed	pan speed: configurable from 0.1° to 120°/s; preset speed: 120°/s	pan speed: configurable from 0.1° to 120°/s; preset speed: 120°/s	pan speed: configurable from 0.1° to 120°/s; preset speed: 120°/s	Configurable, from 0.1°/s to 150°/s, Preset speed: 150°/s
Tilt Speed	tilt speed: configurable from 0.1° to 50°/s, preset speed 50°/s	tilt speed: configurable from 0.1° to 50°/s, preset speed 50°/s	tilt speed: configurable from 0.1° to 50°/s, preset speed 50°/s	Configurable, from 0.1°/s to 80°/s Preset Speed: 80°/s
Operating Temperature	-40°C to 70°C (-40°F to 158°F)	-40°C to 70°C (-40°F to 158°F)	-40°C to 70°C (-40°F to 158°F)	-40°C to 70°C (-40°F to 158°F)
Humidity	≤ 95%	≤ 95%	≤ 95%	≤ 95%
Local Storage	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NFS, SMB/ CIFS), ANR	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NFS, SMB/ CIFS), ANR	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NFS, SMB/ CIFS), ANR	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NFS, SMB/ CIFS), ANR
Audio I/O	1/1	1/1	1/1	1/1
Alarm I/O	7/2	7/2	7/2	7/2
Power	24 VAC	24 VAC	24 VAC	24 VAC & Hi-PoE Max.: 45 W

Panoramic Camera

025 PanoVu Series

029 Fisheye Series





PanoVu Series



From Expansive Scenes to Detailed Close-Ups





- > 360° / 270° / 180° image stitching of up to 32 MP
- > Multiple display modes
- > F1.0 super large aperture (ColorVu technology)
- > Face capture (PTZ PanoVu only)
- > Augmented Reality
- > Saves labour costs and IP address costs











PanoVu Mini

Model	DS-2PT3326IZ-DE3	DS-2PT5326IZ-DE
Image	 PanoVu	 PanoVu
Image Sensor	Fixed: 3×1/2.8" progressive scan CMOS PTZ: 1/2.8" progressive scan CMOS	Fixed: 3×1/2.8" progressive scan CMOS PTZ: 1/2.8" progressive scan CMOS
Resolution	1920 × 1080	1920 × 1080
Video Compression	H.265 / H.264 / MJPEG	H.265 / H.264 / MJPEG
Min. Illumination	Colour: 0.05 lux @ (F2.0, AGC ON)	Colour: 0.005 lux @ (F1.6, AGC ON)
WDR	Digital WDR	Digital WDR
Lens	Fixed: 2 mm PTZ: 2.8-12 mm	Fixed: 4 mm PTZ: 5-50 mm
FOV	Fixed: Horizontal field of view: 128.5° Vertical field of view: 75.7° Diagonal field of view: 144° PTZ cam: Horizontal field of view: 120° to 56.6° (wild-tele) Vertical field of view: 61.8° to 31.7° (wild-tele) Diagonal field of view: 149° to 65° (wild-tele)	Panoramic cam: Horizontal field of view: 80.7° × 3 Vertical field of view: 43.5° PTZ cam: Horizontal field of view: 58.6° to 6.4° (wide - tele)
Optical Zoom	PTZ: 4x	PTZ: 10x
Max. IR Range	10 m	Panoramic cam: 30 m PTZ cam: 50 m
VCA	Audio Exception Detection, Intrusion Detection, Line Crossing Detection, motion detection	Audio Exception Detection, Intrusion Detection, Line Crossing Detection, motion detection
Frame Rate	50Hz: 25fps (1920×1080, 1280×720, 704×576, 640×480, 352×288) 60Hz: 30fps (1920×1080, 1280×720, 704×480, 640×480, 352×240)	50Hz: 25fps (1920×1080, 1280×720, 704×576, 640×480, 352×288) 60Hz: 30fps (1920×1080, 1280×720, 704×480, 640×480, 352×240)
Streams	2	2
Protection Level	-	IP66
Operating Temperature	-10°C to 50°C (14°F to 122°F)	-30°C to 65°C (-22°F to 149°F), with heater on
Humidity	Humidity 90% or less (non-condensing)	Humidity 90% or less (non-condensing)
Local Storage	Built-in memory card slot, support Micro SD / SDHC / SDXC, up to 256 GB	Built-in memory card slot, support Micro SD / SDHC / SDXC, up to 256 GB
Indoor/Outdoor	Indoor	Outdoor
Audio I/O	1-ch audio input and 1-ch audio output.	1-ch audio input and 1-ch audio output.
Alarm I/O	-	1-ch alarm input and 1-ch alarm output
Power	12 VDC (Max.24 W), PoE+ (Max. 25 W), IR Max. 6 W	12 VDC & PoE+ (802.3 at, class 4) Max.27 W (Max. 9 W for IR)

Model	DS-2DP1618ZIXS-DE_440(F0)(P5)	DS-2DP3236ZIXS-D_440(F0)(P5)
Image	 PanoVu	 PanoVu
Image Sensor	[Panoramic channel]: 1/1.8" progressive scan CMOS, [PTZ channel]: 1/1.8" progressive scan CMOS	[Panoramic channel]: 1/1.8" progressive scan CMOS, [PTZ channel]: 1/1.8" progressive scan CMOS
Resolution	5520 × 2400	5520 × 2400
Video Compression	Main stream: H.265+/H.265/H.264+/H.264 Sub-stream: H.265/H.264/MJPEG Third stream: H.265/H.264/MJPEG	Main stream: H.265+/H.265/H.264+/H.264 Sub-stream: H.265/H.264/MJPEG Third stream: H.265/H.264/MJPEG
Min. Illumination	[Panoramic channel] Colour: 0.0005 Lux (F1.0, AGC ON), B/W: 0.0001 Lux (F1.0, AGC ON); [PTZ channel]: 0.0005 Lux (F1.2, AGC ON), B/W: 0.0001 Lux (F1.2, AGC ON), 0 Lux with IR	[Panoramic channel] Colour: 0.0005 Lux (F1.0, AGC ON), B/W: 0.0001 Lux (F1.0, AGC ON); [PTZ channel] 0.0005 Lux (F1.2, AGC ON), B/W: 0.0001 Lux (F1.2, AGC ON), 0 Lux with IR
WDR	[Panoramic channel] no, [PTZ channel] 120 dB	120 dB
Lens	[Panoramic channel] 2.8 mm; [PTZ channel] 6.0 to 240 mm	[Panoramic channel] 2.8 mm; [PTZ channel] 6.0 to 240 mm
FOV	Horizontal FOV 56.6° to 1.8°, vertical FOV 33.7° to 1.0°, diagonal FOV 63.4° to 2.0°	Horizontal FOV 56.6° to 1.8°, vertical FOV 33.7° to 1.0°, diagonal FOV 63.4° to 2.0°
Optical Zoom	40x	40x
Max. IR Range	250 m	250 m
VCA	Line crossing detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection, intrusion detection	Line crossing detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection, intrusion detection
Frame Rate	[Panoramic channel]: 50 Hz: 25 fps (5520 × 2400, 4096 × 1800, 3840 × 1680, 2784 × 1200) 60 Hz: 30 fps (5520 × 2400, 4096 × 1800, 3840 × 1680, 2784 × 1200) [PTZ channel]: 50 Hz: 25 fps (2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720) 60 Hz: 30 fps (2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720)	[Panoramic channel]: 50 Hz: 25 fps (5520 × 2400 × 2, 4096 × 1800 × 2, 3840 × 1680 × 2, 2784 × 1200 × 2) 60 Hz: 30 fps (5520 × 2400 × 2, 4096 × 1800 × 2, 3840 × 1680 × 2, 2784 × 1200 × 2) [PTZ channel]: 50 Hz: 25 fps (2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720) 60 Hz: 30 fps (2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720)
Streams	3	3
Protection Level	IP67, IK10	IP67 Standard, Lightning Protection, Surge Protection and Voltage Transient Protection, ±6kV Line to Gnd, ±3kV Line to Line, IEC61000-4-5, IK10
Angle Adjustment	-	-
Operating Temperature	Outdoor: -40°C to 70°C (-40°F to 158°F)	-40°C to 70°C (-40°F to 158°F).
Humidity	≤ 90%	≤ 90%
Local Storage	Built-in memory card slot, support microSD/microSDHC/microSDXC cards, up to 256 GB	Built-in memory card slot, support microSD/microSDHC/microSDXC cards, up to 256 GB
Indoor/Outdoor	Outdoor	Outdoor
Audio I/O	1 input (line in), max. input amplitude: 2-2.4 vpp, input impedance: 1 KΩ ± 10%; 1 output (line out), line level, output impedance: 600 Ω	1 input (line in), max. input amplitude: 2-2.4 vpp, input impedance: 1 KΩ ± 10%; 1 output (line out), line level, output impedance: 600 Ω
Alarm I/O	7 alarm inputs, 2 alarm outputs	7 alarm inputs, 2 alarm outputs
Power	36 VDC, max. 135 W (including max. 12 W for IR)	36 VDC, max. 135 W (including max. 12 W for IR)

Model	DS-2CD692460-IHS/(NFC)	DS-2CD698460-IH(S)/(NFC)	DS-2CD6D24FWD-(I)Z(H)(S)/(NFC)	DS-2CD6D54FWD-(I)Z(H)(S)/(NFC)
Image	 PanoVu	 PanoVu	 PanoVu	 PanoVu
Image Sensor	1/1.8" Progressive Scan CMOS	1/1.8" Progressive scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS
Resolution	3840 × 2160 (Panorama mode)	8160 × 3616 (Panorama mode)	1920 × 1080	2560 × 1920
Video Compression	H.265+ / H.264+ / H.265 / H.264 / MJPEG	H.265+ / H.264+ / H.265 / H.264	H.265+ / H.264+ / H.265 / H.264 / MJPEG	H.265+ / H.264+ / H.265 / H.264 / MJPEG
Min. Illumination	Colour: 0.003 lux @ (F1.2, AGC ON), B/W: 0.0018 lux @ (F1.6, AGC ON), 0 lux with IR	Colour: 0.012 lux @ (F1.4, AGC ON) B/W: 0.0012 lux @ (F1.4, AGC ON), 0 lux with IR	Colour: 0.006 Lux @ (F1.2, AGC ON), 0.01 Lux @ (F1.6, AGC ON) B/W: 0.002 Lux @ (F1.2, AGC ON); 0.003 Lux @ (F1.6, AGC ON) 0 Lux with IR on	Colour: 0.006 Lux @ (F1.2, AGC ON), 0.010 Lux @ (F1.6, AGC ON) B/W: 0.002 Lux @ (F1.2, AGC ON); 0.003 Lux @ (F1.6, AGC ON) 0 Lux with IR on
WDR	Digital WDR	Digital WDR	120 dB	120 dB
Lens	Four 2.8 mm	Four 2.8 mm	Four 2.8 to 12 mm	Four 2.8 to 12 mm
FOV	2.8 mm: horizontal FOV 180°, vertical FOV 90°	Single lens image: horizontal FOV 102°, vertical FOV 55°, diagonal FOV 120° Panorama Image: horizontal field of view 180°, vertical FOV 95°	Horizontal field of view: 30° to 96.3° Vertical field of view: 17° to 54° Diagonal field of view: 34° to 121°	Horizontal field of view: 30° to 101° Vertical field of view: 22.4° to 73° Diagonal field of view: 37° to 137°
Optical Zoom	-	-	-	-
Max. IR Range	20 m (Four IR LEDs)	20 m (Four IR LEDs)	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
Frame Rate	50Hz: 25fps (3840 × 2160, 2560 × 1440, 1920 × 1080)	50Hz: 25fps (8160 × 3616, 8160 × 2304) 60Hz: 30fps (8160 × 3616, 8160 × 2304)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (2560 × 1920, 2048 × 1536, 1920 × 1080, 1280 × 720) 60Hz: 24fps (2560 × 1920, 2048 × 1536, 1920 × 1080, 1280 × 720)
Streams	2	1	3	3
Protection Level	IP67, IK10	IP67, IK10	IP67, IK10	IP67, IK10
Angle Adjustment	Pan: 0° to 355°, tilt: 0° to 90°	Pan: 0° to 355°, tilt: 0° to 90°	Four flexible lens in one track, slide range: -180° to 180°, tilt: 0° to 135°, rotate: 0° to 355°	Four flexible lens in one track, slide range: -180° to 180°, tilt: 0° to 135°, 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)	-30 °C to 60 °C (-22 °F to 140 °F). -H: -40 °C to 60 °C (-40 °F to 140 °F)	-30 °C to 60 °C (-22 °F to 140 °F). -H: -40 °C to 60 °C (-40 °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	Micro SD / SDHC / SDXC slot, up to 256 GB	Built-in micro SD / SDHC / SDXC slot, up to 128 GB	Built-in micro SD / SDHC / SDXC slot, up to 128 GB	Built-in micro SD / SDHC / SDXC slot, up to 128 GB
Indoor/Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Audio I/O	1 Input (line in/mic in, 3.5 mm), 1 output(3.5 mm)	With S: 1 input (line in), 1 output (line out)	With -S: 1-ch 3.5 mm input (line in/Mic in), 1-ch 3.5mm output, dual-track, stereo	With -S: 1-ch 3.5 mm input (line in), 1-ch 3.5mm output, dual-track, stereo
Alarm I/O	2 Inputs, 2 outputs	With S: 2 Inputs, 2 outputs	With -S: 2 inputs, 2 outputs	With -S: 2 inputs, 2 outputs
Power	12 VDC & PoE(802.3at) Max.: 24W	12 VDC & PoE(802.3at)	12 VDC ± 20%, 24 VAC ± 20% (for customization), three-core terminal block, -I, -IZS/NFC: Hi-PoE: 42.5 VDC to 57 VDC, -Z: PoE (802.3at)	12 VDC ± 20%, 24 VAC ± 20% (for customization), three-core terminal block, -I, -IZS/NFC, -IZHS/NFC: Hi-PoE: 42.5 VDC to 57 VDC, -Z: PoE (802.3at)

Model	DS-2CD6D54G1-IZ(S)	DS-2CD6D54G1-ZS/RC	DS-2CD6D5260-IH(S)	DS-2CD6D8260-IH(S)
Image	 	 	 	 
Image Sensor	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS
Resolution	2560 x 1920	2560 x 1920	2560 x 1920	3840 x 2160
Video Compression	H.265+ / H.264+ / H.265 / H.264 / MJPEG	H.265+ / H.264+ / H.265 / H.264 / MJPEG	H.265+ / H.264+ / H.265 / H.264 / MJPEG	H.265+ / H.264+ / H.265 / H.264 / MJPEG
Min. Illumination	Colour: 0.0125 lux @ (F1.9, AGC ON); B/W: 0.0025 lux @ (F1.9, AGC ON)	Colour: 0.0125 lux @ (F1.9, AGC ON); B/W: 0.0025 lux @ (F1.9, AGC ON)	Colour: 0.009 Lux @ (F1.6, AGC ON), B/W: 0.0018 Lux @ (F1.6, AGC ON), 0 Lux with IR	Colour: 0.056 Lux @ (F2.0, AGC ON), 0 Lux with IR
WDR	120 dB	120 dB	120 dB	120 dB
Lens	Four 2.8 to 8 mm	Four 2.8 to 8 mm	2.8 mm/4 mm	2.8 mm
FOV	Horizontal FOV 100° to 49°, vertical FOV 72° to 36.4°, diagonal FOV 134.4° to 61.4°	Horizontal FOV 100° to 49°, vertical FOV 72° to 36.4°, diagonal FOV 134.4° to 61.4°	2.8mm @ F1.6 horizontal FOV 97°, vertical FOV 70°, diagonal FOV 128° 4 mm @ F1.6, horizontal FOV 79°, vertical FOV 57°, diagonal FOV 104°	2.8mm @ F2.0, horizontal FOV 103°, vertical FOV 53°, diagonal FOV 124°
Optical Zoom	-	-	-	-
Max. IR Range	30 m	-	10 m	10 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	-	-
Frame Rate	50Hz: 25fps (2560 × 1920, 2048 × 1536, 1920 × 1080, 1280 × 720) 60Hz: 24fps (2560 × 1920, 2048 × 1536, 1920 × 1080, 1280 × 720)	50Hz: 25fps (2560 × 1920, 2048 × 1536, 1920 × 1080, 1280 × 720) 60Hz: 24fps (2560 × 1920, 2048 × 1536, 1920 × 1080, 1280 × 720)	50Hz: 25fps (2560 × 1920, 2048 × 1536) 60Hz	50Hz: 25fps (3840 × 2160, 3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 24fps (3840 × 2160, 3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720)
Streams	3	3	3	3
Protection Level	IP67, IK10	IP67, IK10	IP67, IK10	IP67, IK10
Angle Adjustment	Pan: -60° to 60°, tilt: 10° to 90°	Pan: -60° to 60°, tilt: 10° to 90°	P: -90 to 90°; T: 0 to 60° (2.8mm), 0 to 70° (4 mm)	P: -90 to 90°; T: 0 to 60° (2.8mm), 0 to 70°
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 (-40 °F to 140 °F)	-40 °C to 60 °C (-40 °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 128 GB	Built-in micro SD / SDHC / SDXC slot, up to 128 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
Audio I/O	With S: 1 input (line in), 1 output (line out), mono sound	1 input (line in), 1 output (line out), mono sound	Without -S: 2 built-in mics With S: 2 built-in mics, 1 line in, 1 line out	Without -S: 2 built-in mics With S: 2 built-in mics, 1 line in, 1 line out
Alarm I/O	With S: 2 inputs, 2 outputs	2 inputs, 2 outputs	With S: 1 input, 1 output (max. 36 VDC, 30mA)	With S: 1 input, 1 output (max. 36 VDC, 30mA)
Power	12 VDC ± 20%, reverse polarity protection; three-core terminal block 24 VAC ± 20%; PoE (802.3af, class 4)	12 VDC ± 20%, reverse polarity protection; three-core terminal block 24 VAC ± 20%; PoE (802.3af, class 0)	12 VDC & PoE (802.3af)	12 VDC & PoE (802.3af)



Network Camera
PTZ Dome Camera
Panoramic Camera
Explosion-Proof & Anti-Corrosion
NVR
Network Storage
Thermal
Commercial Display
Decoder
Software
Accessories




Fisheye Series

Single Sensor Panorama Camera

- > 360° / 180° overview
- > Multiple display modes
- > ImmerVision lens (DS-2CD63C5G0 only)
- > Deep learning heat map, intersection flow analysis and people counting
- > Supports onboard dewarping
- > IK10+ (50J) vandal-proof



Model	DS-2CD63C560-IV(S)	DS-2CD63C560E-IV(S)
Image	 <p>IMMERVISION</p> <p>Heat map, intersection analysis, people counting with deep learning algorithm, onboard dewarping and client dewarping, built-in microphone and speaker, Immervision lens</p>	 <p>Onboard dewarping and client dewarping, built-in microphone and speaker</p>
Image Sensor	1/1.7" Progressive Scan CMOS	1/1.7" Progressive Scan CMOS
Max.Resolution	4000 × 3000	4000 × 3000
Video Compression	H.265+ / H.265 / H.264+ / H.264 / MJPEG	H.265+ / H.265 / H.264+ / H.264 / MJPEG
Min. Illumination	Colour: 0.05 lux @ (F2.2, AGC ON), B/W: 0.01 lux @ (F2.2, AGC ON), 0 lux with IR	Colour: 0.082 lux @ (F2.8, AGC ON), B/W: 0.016 lux @ (F2.8, AGC ON), 0 lux with IR
WDR	DWDR	DWDR
Lens	1.29 mm	2 mm
FOV	Horizontal FOV: 180°, vertical FOV: 180°	Horizontal FOV 180° (wall mount), 360°(ceiling mount), 360°(table mount)
Max. IR Range	15 m (three independently controlled LEDs)	15 m (three independently controlled LEDs)
VCA	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection;Heat map with deep learning algorithm;intersection analysis;People Counting	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection;
Frame Rate	50Hz: 20fps (4000 × 3000), 25fps (3000 × 3000, 2560 × 2560) 60Hz: 20fps (4000 × 3000), 30fps (3000 × 3000, 2560 × 2560)	50Hz: 20fps (4000 × 3000), 25fps (3000 × 3000, 2560 × 2560) 60Hz: 20fps (4000 × 3000), 30fps (3000 × 3000, 2560 × 2560)
Streams	2	2
Protection Level	With -V: IP67, IK10	With -V: IP67, IK10
Angle Adjustment	-	-
Operating Temperature	-40 °C to 60 °C (-40 °F to +140 °F) Heater	-40 °C to 60 °C (-40 °F to +140 °F) Heater
Humidity	humidity 95% or less (non-condensing)	humidity 95% or less (non-condensing)
Local Storage	Support microSD/SDHC/SDXC card (256 G), local storage and NAS (NFS,SMB/CIFS), ANR	Support microSD/SDHC/SDXC card (256 G), local storage and NAS (NFS,SMB/CIFS), ANR
Indoor/Outdoor	indoor/outdoor	indoor/outdoor
Audio I/O	2 built-in microphones, 1 built-in speaker, mono sound -S: 1 Audio input (line in, 3.5 mm), 1 audio output (line out, 3.5 mm)	With -S: 1 Audio input (line in, 3.5 mm), 1 audio output (line out, 3.5 mm); 2 built-in microphone, 1 built-in speaker, mono sound
Alarm I/O	With -S: 1-ch alarm input, max. 12 V; 1-ch alarm output, max 24 VDC, 1 A	With -S: 1-ch alarm input, max. 12 V; 1-ch alarm output, max 24 VDC, 1 A
Power	12 VDC±20%, PoE (802.3at, class 4), -S model: two-core terminal block Without -S model: Ø 5.5 × 2.1 mm coaxial power plug	12 VDC±20%, PoE (802.3af, class 0) -S model: two-core terminal block Without -S model: Ø 5.5 × 2.1 mm coaxial power plug

Model	DS-2CD636560E-IV IS	DS-2CD63C560E-S/RC	DS-2CD636560E-S/RC
Image	 <p>Onboard dewarping and client dewarping, built-in microphone and speaker</p>	 <p>Onboard dewarping and client dewarping, in-ceiling installation</p>	 <p>Onboard dewarping and client dewarping, in-ceiling installation</p>
Image Sensor	1/1.8" Progressive Scan CMOS	1/1.7" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS
Max.Resolution	3072 × 2048	4000 × 3000	3072 × 2048
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
Min. Illumination	Colour: 0.047 lux @ (F2.6, AGC ON), B/W: 0.0047 lux @ (F2.6, AGC ON), 0 lux with IR	Colour: 0.06 lux @ (F2.4, AGC ON), B/W: 0.012 lux @ (F2.4, AGC ON)	Colour: 0.047 lux @ (F2.6, AGC ON), B/W: 0.0047 lux @ (F2.6, AGC ON)
WDR	DWDR	DWDR	DWDR
Lens	1.27 mm	2 mm	1.27 mm
FOV	Horizontal FOV 180° (wall mount), 360°(ceiling mount), 360°(table mount)	360° (In-ceiling mounting)	360° (In-ceiling mounting)
Max. IR Range	15 m (three independently controlled LEDs)	-	-
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;
Frame Rate	50Hz: 25fps (3072 × 2048, 2048 × 2048, 1280 × 1280) 60Hz: 30fps (3072 × 2048, 2048 × 2048, 1280 × 1280)	50Hz: 20fps (4000 × 3000), 25fps (3000 × 3000, 2560 × 2560) 60Hz: 20fps (4000 × 3000), 30fps (3000 × 3000, 2560 × 2560)	50Hz: 25fps (3072 × 2048, 2048 × 2048, 1280 × 1280) 60Hz: 30fps (3072 × 2048, 2048 × 2048, 1280 × 1280)
Streams	2	2	2
Protection Level	With -V: IP67, IK10	-	-
Angle Adjustment	-	-	-
Operating Temperature	-40 °C to 60 °C (-40 °F to +140 °F) Heater	-10 °C to +40 °C (14 °F to +104 °F)	-10 °C to +40 °C (14 °F to +104 °F)
Humidity	humidity 95% or less (non-condensing)	humidity 95% or less (non-condensing)	humidity 95% or less (non-condensing)
Local Storage	Support microSD/SDHC/SDXC card (256 G), local storage and NAS (NFS,SMB/CIFS), ANR	Support microSD/SDHC/SDXC card (256 G), local storage and NAS (NFS,SMB/CIFS), ANR	Support microSD/SDHC/SDXC card (256 G), local storage and NAS (NFS,SMB/CIFS), ANR
Indoor/Outdoor	indoor/outdoor	indoor	indoor
Audio I/O	With -S: 1 Audio input (line in, 3.5 mm), 1 audio output (line out, 3.5 mm); 2 built-in microphone, 1 built-in speaker, mono sound	1 Audio input (line in, 3.5 mm), 1 audio output (line out, 3.5 mm); 2 built-in microphones, mono sound	1 Audio input (line in, 3.5 mm), 1 audio output (line out, 3.5 mm); 2 built-in microphones, mono sound
Alarm I/O	With -S: 1-ch alarm input, max. 12 V; 1-ch alarm output, max 24 VDC, 1 A	1-ch alarm input, max. 12 V; 1-ch alarm output, max 12 VDC, 0.5 A	1-ch alarm input, max. 12 V; 1-ch alarm output, max 12 VDC, 0.5 A
Power	12 VDC±20%, PoE (802.3af, class 0), -S model: two-core terminal block Without -S model: Ø 5.5 × 2.1 mm coaxial power plug	12 VDC±20%, PoE (802.3af, class 3), two-core terminal block	12 VDC±20%, PoE (802.3af, class 3), two-core terminal block

Explosion-Proof & Anti-Corrosion Series

32 Explosion-Proof Series

35 Anti-Corrosion Series






Explosion-Proof Series



Complete Protection with Superior Design Inside and Out

- › Explosion-proof certification: ATEX, IECEx, ULEx
- › Anti-corrosion certification: NEMA-4X, C5
- › 316L stainless steel / 304L stainless steel / Aluminum alloy
- › Deep learning perimeter protection, face capture and hard hat detection
- › Clear images of up to 8 MP
- › H.265+/H.265 codec



Model	DS-2XE6422FWD-IZHRS	DS-2XE682560-II(L)Z(H)(S)	DS-2XE688560-II(L)Z(H)(S)
Image	 <p style="text-align: center;">ATEX, IECEx, C5, NEMA 4X</p>	 <p style="text-align: center;">ATEX, IECEx, ULEx, C5, NEMA 4X</p>	 <p style="text-align: center;">ATEX, IECEx, ULEx, C5, NEMA 4X</p>
Image Sensor	1/1.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2" Progressive Scan CMOS
Max. Resolution	1920 × 1080	1920 × 1080	3840 × 2160
Video Compression	H.265+ / H.265 / H.264+ / H.264 / MJPEG	Main Stream: H.265+ / H.265 / H.264+ / H.264	Main Stream: H.265+ / H.265 / H.264+ / H.264
Min. Illumination	Colour: 0.0005 Lux @(F1.2, AGC ON), B/W: 0.0001 Lux @(F1.2, AGC ON), 0 Lux with IR	Colour: 0.009 Lux @(F1.2, AGC ON)	Colour: 0.009 Lux @(F1.2, AGC ON)
WDR	120 dB	120 dB	120 dB
Lens	2.8-12 mm, 8-32 mm	2.8-12 mm, 8-32 mm	2.8-12 mm, 8-32 mm
FOV	2.8 mm to 12 mm, horizontal FOV: 94° to 38°, vertical FOV: 49.9° to 21.3°, diagonal FOV: 112.3° to 43.5° 8 mm 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 115° to 42°, vertical FOV 59° to 24°, diagonal FOV 141° to 48°; 8 to 32 mm, horizontal FOV 43° to 15°, vertical FOV 23° to 9°, diagonal FOV 50° to 17°	2.8 to 12 mm, horizontal FOV 112° to 41°, vertical FOV 58° to 23°, diagonal FOV 137° to 47°; 8 to 32 mm, horizontal FOV 42° to 15°, vertical FOV 23° to 8°, diagonal FOV 49° to 17°
Max. IR Range	2.8 mm to 12 mm lens: up to 80 m 8 mm to 32 mm lens: up to 150 m	-I model: up to 100 m IR range -L model: up to 30 m whitelight range	-I model: up to 100 m IR range -L model: up to 30 m whitelight range
VCA	Line crossing detection, up to 4 lines configurable Intrusion detection, up to 4 regions configurable Region entrance detection, up to 4 regions configurable Region exiting detection, up to 4 regions configurable Unattended baggage detection, up to 4 regions configurable Object removal detection, up to 4 regions configurable, Scene change detection, defocus detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection, Scene change detection, audio exception detection (-S model), defocus detection, Face Capture, Hard Hat Detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection, Scene change detection, audio exception detection (-S model), defocus detection, Face Capture, Hard Hat Detection
Frame Rate	50 Hz: 25 fps (1920 × 1080, 1280 × 720) 60 Hz: 30 fps (1920 × 1080, 1280 × 720)	50Hz: 50fps (1920 × 1080, 1280 × 720); 60Hz: 60fps (1920 × 1080, 1280 × 720)	50Hz: 25fps (3840 × 2160, 3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720); 60Hz: 30fps (3840 × 2160, 3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720)
Multi-Streaming	3	5	5
Protection Level	IP68	IP68	IP68
Angle Adjustment	-	-	-
Operating Temperature	-40 °C to +60 °C (-40 °F to +140 °F)	H model: -40 °C to +60 °C [-40 °F to +140 °F] Without -H model: -30 °C to +60 °C [-22 °F to +140 °F]	H model: -40 °C to +60 °C [-40 °F to +140 °F] Without -H model: -30 °C to +60 °C [-22 °F to +140 °F]
Operating Humidity	≤ 95%	≤ 95%	≤ 95%
Local Storage	128 GB	256 GB	256 GB
Audio I/O	1 in, 1 out	1 in, 1 out	1 in, 1 out
Alarm I/O	2 in, 2 out	1 in, 1 out	1 in, 1 out
Installation	Outdoor	Outdoor	Outdoor
Power Supply	100 VAC to 240 VAC, 0.38 A to 0.18 A, max. 22.6 W, three-core terminal block PoE: 802.3at, 42.5 V to 57 V, 0.56 A to 0.42 A, max. 23.6 W	100 to 240 VAC, PoE (42.5 to 57 V, 802.3 at), terminal block	100 VAC to 240 VAC, three-core terminal block PoE (802.3at, class 4)

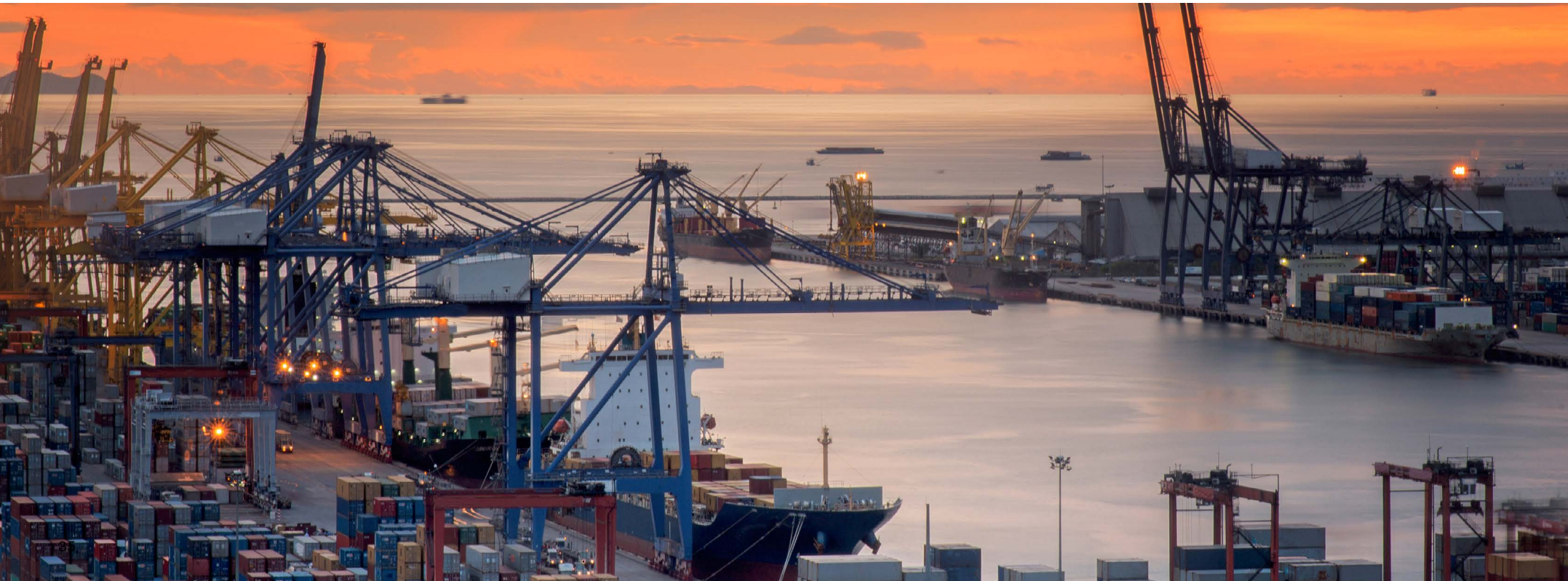
Model	DS-2DB4236I-CWX(WE/316L)
Image	  DarkFighter+ ATEX, IECEX
Image Sensor	1/1.8" Progressive Scan CMOS
Resolution	1920 × 1080
Video Compression	Main Stream: H.265+ / H.265 / H.264+ / H.264
Min. Illumination	Colour: 0.002 lux @ (F1.5, AGC ON)
WDR	DWDR
Lens	5.7 to 205 mm, 36x optical
FOV	Horizontal field of view: 59.8° to 2.0° (wide-tele) Vertical field of view: 33.6° to 1.1° (wide-tele) Diagonal field of view: 68.6° to 2.3° (wide-tele)
Optical Zoom	36x
Max. IR Range	200 m
VCA	Intrusion Detection, Line Crossing Detection, Audio Exception Detection
Frame Rate	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)
Streams	3
Protection Level	IP68 Standard; TVS 6000V Lightning Protection, Surge Protection and Voltage Transient Protection
Angle Adjustment	-
Operating Temperature	-40°C to 60°C [-40° F to 140° F]
Humidity	≤ 95%
Local Storage	128 GB
Indoor/Outdoor	Outdoor
Audio I/O	1/1
Alarm I/O	1/1
Power	100 VAC to 240 VAC & PoE+ (IEEE802.3at class4) Max. 25 W
Interface	1× RJ45 10 M/100 M Ethernet interface

Model	DS-2DF6223-CX (W316L)
Image	  ATEX, IECEX, NEMA 4X
Image Sensor	1/1.8" progressive scan CMOS
Max. Resolution	1920 × 1080
Video Compression	Main Stream: H.265+ / H.265 / H.264+ / H.264
Min. Illumination	Colour: 0.0005 Lux @ (F1.5, AGC ON) B/W: 0.0001 Lux @ (F1.5, AGC ON)
WDR	120 dB
Lens	5.9 mm to 135.7 mm, 23 × optical zoom
FOV	Horizontal field of view: 58.5° to 3° (wide-tele) Vertical field of view: 34° to 1.7° (wide-tele) Diagonal field of view: 65.8° to 3.5° (wide-tele)
Max. IR Range	-
VCA	intrusion detection, line crossing detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection, audio exception detection, Face Capture
Frame Rate	50 Hz: 25 fps (1920 × 1080, 1280 × 960, 1280 × 720); 60 Hz: 30 fps (1920 × 1080, 1280 × 960, 1280 × 720);
Multi-Streaming	3
Protection Level	IP68, 4000V Lightning Protection, Surge Protection and Voltage Transient Protection
Angle Adjustment	-
Operating Temperature	-40°C to 60°C [-40°F to 140°F]
Operating Humidity	≤ 95%
Local Storage	256GB
Audio I/O	1 in, 1 out
Alarm I/O	7 in, 2 out
Installation	Outdoor
Power Supply	100 VAC to 240 VAC, Max.: 60 W


Anti-Corrosion Series

The Best Choice for Critical Industry Applications


- > Anti-corrosion certification: NEMA-4X, C5
- > 316L Stainless Steel housing and anticorrosive coating
- > DarkFighter technology
- > ANPR, perimeter protection, and facial recognition based on Deep Learning
- > H.265+/H.265 codec



Camera

Model	DS-2XC6625G0-IZHRS
Image	 <p style="text-align: right; border: 1px solid red; border-radius: 10px; padding: 2px;">NEMA 4X, C5</p>
Image Sensor	1/1.8" Progressive Scan CMOS
Max. Resolution	1920 × 1080
Video Compression	H.265+/H.265/H.264+/H.264/MJPEG
Min. Illumination	Colour: 0.0005 Lux @(F1.2, AGC ON) B/W: 0.0001 Lux @(F1.2, AGC ON), 0 Lux with IR
WDR	120 dB
Lens	2.8 to 12 mm, 8 to 32mm
FOV	2.8 - 12 mm, F1.4: horizontal field of view, 94.2° to 38.1° 8 - 32 mm, F1.7: horizontal field of view, 42.2° to 15.1°
Max. IR Range	2.8-12 mm: 80 m 8-32 mm: 150 m
VCA	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)
Multi-Streaming	3
Protection Level	IP67
Angle Adjustment	-
Operating Temperature	-
Operating Humidity	-
Local Storage	256 GB
Audio I/O	-
Alarm I/O	1 in, 1 out
Installation	Outdoor
Power Supply	AC: 24V±20%; PoE: 802.3at

PTZ

Model	DS-2DT6232X-AELY(T5)
Image	 <p style="text-align: right; border: 1px solid red; border-radius: 10px; padding: 2px;">DarkFighter⁺ NEMA 4X, C5</p>
Image Sensor	1/1.8" Progressive Scan CMOS
Max. Resolution	1920 × 1080
Video Compression	H.264 / MJPEG / MPEG4
Min. Illumination	Colour: 0.002 Lux @(F1.5, AGC ON), B/W: 0.0002 Lux @(F1.5, AGC ON)
WDR	v 140 dB
Lens	5.9 mm to 188.8 mm, 32 × Optical
FOV	Horizontal field of view: 59.8° to 3.3° (wide-tele), Vertical field of view: 33.7° to 1.9° (wide-tele), Diagonal field of view: 65° to 3.8° (wide-tele)
Max. IR Range	-
VCA	intrusion detection, line crossing detection, region entrance detection, region exiting detection, loitering detection, people gathering detection, fast moving detection, parking detection, unattended baggage detection, object removal detection, vandal-proof alarm, audio exception detection, Face capture
Frame Rate	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)
Multi-Streaming	3
Protection Level	Lightning Protection, Surge Protection and Voltage Transient Protection, ±6kV Line to Gnd, ±3kV Line to Line, IEC61000-4-5, IP67 Standard, IK10
Operating Temperature	-40° C to 65° C (-40° F to 149° F)
Operating Humidity	≤ 95%
Local Storage	256 GB
Audio I/O	1/1
Alarm I/O	7/2
Installation	Outdoor
Power Supply	24 VAC Hi-PoE

NVR

38 DeepinMind Series

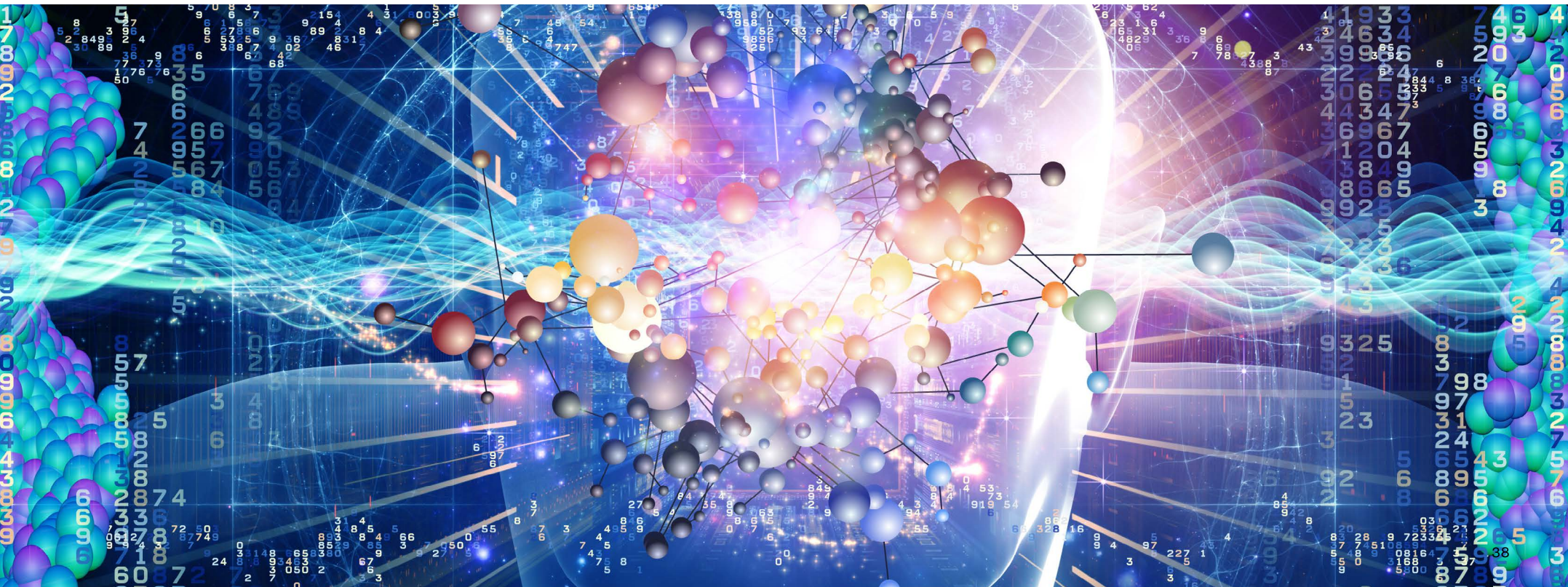
40 Ultra Series



DeepinMind Series NVR

Deeper Intelligence for Expansive Security

- > Embedded industry-leading Deep Learning algorithms
- > GPU-based designs
- > Intelligent analytics and advanced storage in one
- > Fast and accurate recognition or detection of faces, human bodies, vehicles, and falling objects, as well as perimeter protection

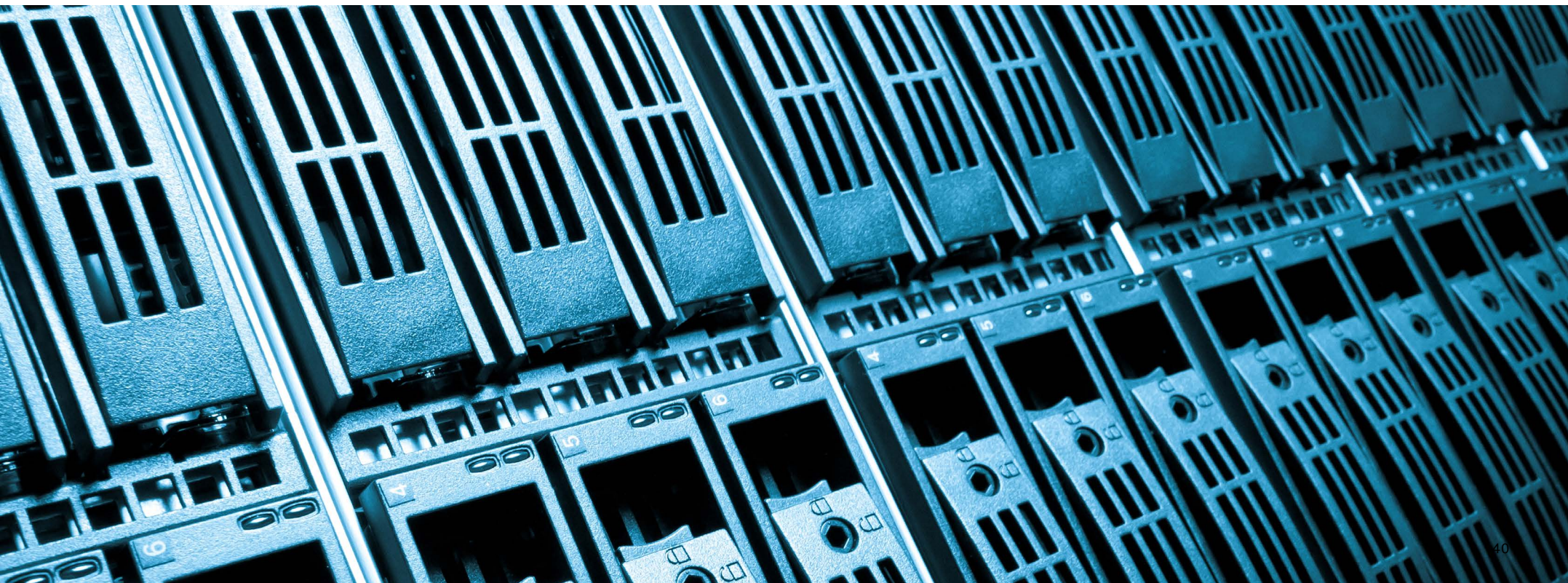


Model	IDS-9664NXI-I8/X	IDS-9632NXI-I8/X
Image	 DeepinMind	 DeepinMind
Hardware Platform	Quad-core embedded processor	Quad-core embedded processor
No. of Channels	64-ch	32-ch
Decoding Format	H.265/H.265+/H.264/H.264+/MPEG4	H.265/H.265+/H.264/H.264+/MPEG4
Incoming/Outgoing Bandwidth	RAID enabled: 200 Mbps/200 Mbps RAID disabled: 320 Mbps/256 Mbps	RAID enabled: 200 Mbps/200 Mbps RAID disabled: 320 Mbps/256 Mbps
Decoding Capacity	1-ch@32 MP (30 fps)/16-ch@1080p (30 fps)	1-ch@32 MP (30 fps)/16-ch@1080p (30 fps)
Recording Resolution	32 MP/24 MP/12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA /4CIF /DCIF /2CIF/CIF/QCIF *: 32 MP and 24 MP is only available for channel 1 when ultra HD resolution mode is enabled.	32 MP/24 MP/12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA /4CIF /DCIF /2CIF/CIF/QCIF *: 32 MP and 24 MP is only available for channel 1 when ultra HD resolution mode is enabled.
Display	2 HDMI / 2 VGA	2 HDMI / 2 VGA
LCD	-	-
Storage Capacity	8 SATA interfaces supporting hot-plug Up to 10 TB capacity for each HDD	8 SATA interfaces supporting hot-plug Up to 10 TB capacity for each HDD
eSATA / Mini SAS	1 eSATA interface	1 eSATA interface
RAID Type	RAID0, RAID1, RAID5, RAID6, RAID10	RAID0, RAID1, RAID5, RAID6, RAID10
Video Output	VGA1: 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI1: 1-ch, 4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA2/HDMI2 :1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	VGA1: 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI1: 1-ch, 4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA2/HDMI2 :1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
Audio Output	2-ch, RCA (Linear, 1 KΩ)	2-ch, RCA (Linear, 1 KΩ)
Alarm I/O	16/8	16/8
Network Interface	2, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface	2, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface
PoE Port	-	-
USB Port	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0
Smart Function	Deep learning based video analytics for false alarm reduction, facial recognition and face picture comparison; VCA search for facial detection, false alarm reduction Video Structuralization	Deep learning based video analytics for false alarm reduction, facial recognition and face picture comparison; VCA search for facial detection, false alarm reduction Video Structuralization
Power Consumption (without HDD)	≤ 70 W	≤ 70 W
Description	32 libraries with 100,000 face pictures in total Face picture comparison and alarm linkage actions for up to 16 channels False alarm reduction for up to 16 channels 4MP Up to 8-ch 2MP Video Structuralization	32 libraries with 100,000 face pictures in total Face picture comparison and alarm linkage actions for up to 16 channels False alarm reduction for up to 16 channels 4MP Up to 8-ch 2MP Video Structuralization



Ultra Series NVR





Superior Storage and Robust Recording

- › Advanced hardware enables decoding and outputting video in up to 8K resolution
- › H.265+/H.265, H.264+/H.264, MPEG4 self-adapting decoding
- › Advanced streaming technology enables a smooth live feed even under imperfect network conditions
- › Supports RAID 0, 1, 5, 6, 10 and N+M hot spare for even more reliable data storage, effectively reducing data loss risks
- › Supports people counting cameras, automatic number plate recognition (ANPR) cameras, fisheye cameras, PanoVu camera and point-of-sale (POS) text overlay
- › Supports IoT systems (CCTV and Non-CCTV convergence)



Model	DS-7608NI-M2/8P	DS-7616NI-M2/16P	DS-7716NI-M4/16P	DS-7732NI-M4
Image				
Hardware Platform	Eight-core embedded processor	Eight-core embedded processor	Eight-core embedded processor	Eight-core embedded processor
Channel No.	8-ch	16-ch	16-ch	32-ch
Decoding Format	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264
Incoming/Outgoing Bandwidth	128 Mbps / 256 Mbps	256 Mbps / 256 Mbps	256 Mbps / 256 Mbps	320 Mbps / 400 Mbps
Decoding Capacity	2-ch@32 MP (30 fps)/2-ch@24 MP (30 fps)/4-ch@12 MP (20 fps)/8-ch@8 MP (25 fps)	2-ch@32 MP (30 fps)/2-ch@24 MP (30 fps)/4-ch@12 MP (20 fps)/8-ch@8 MP (25 fps)/16-ch@4 MP (30 fps)	2-ch@32 MP (30 fps)/2-ch@24 MP (30 fps)/4-ch@12 MP (20 fps)/8-ch@8 MP (25 fps)/16-ch@4 MP (30 fps)	2-ch@32 MP (30 fps)/2-ch@24 MP (30 fps)/4-ch@12 MP (20 fps)/8-ch@8 MP (25 fps)/16-ch@4 MP (30 fps)/32-ch@1080p (30 fps)
Recording Resolution	32 MP/24 MP/12 MP/8 MP/7 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/OCIF	32 MP/24 MP/12 MP/8 MP/7 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/OCIF	32 MP/24 MP/12 MP/8 MP/7 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/OCIF	32 MP/24 MP/12 MP/8 MP/7 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/OCIF
Display	1 HDMI / 1 VGA	1 HDMI / 1 VGA	2 HDMI / 1 VGA	2 HDMI / 1 VGA
Video Output	HDMI: 8K (7680 × 4320)/30Hz, 4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA:1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	HDMI: 8K (7680 × 4320)/30Hz, 4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA:1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	HDMI 1: 8K (7680 × 4320)/30Hz, 4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI 2: 4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA:1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	HDMI 1: 8K (7680 × 4320)/30Hz, 4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI 2: 4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA:1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
LCD	-	-	-	-
Storage Capacity	2 SATA interfaces Up to 14 TB capacity for each disk	2 SATA interfaces Up to 14 TB capacity for each disk	4 SATA interfaces Up to 14 TB capacity for each disk	4 SATA interfaces Up to 14 TB capacity for each disk
eSATA / Mini SAS	-	-	1 eSATA interface	1 eSATA interface
RAID Type	-	-	-	-
Audio Output	1-ch, RCA (Linear, 1 KΩ)	1-ch, RCA (Linear, 1 KΩ)	1-ch, RCA (Linear, 1 KΩ)	1-ch, RCA (Linear, 1 KΩ)
Alarm I/O	4/1	4/1	16/9	16/9
Network Interface	1, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface	1, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface	1, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface	2, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface
PoE Port	8P	16P	16P	-
USB Port	Front panel: 1 × USB 2.0; Rear panel: 1 × USB 3.0	Front panel: 1 × USB 2.0; Rear panel: 1 × USB 3.0	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0
Smart Function	Support multiple VCA (Video Content Analytics) events for IP cameras	Support multiple VCA (Video Content Analytics) events for IP cameras	Support multiple VCA (Video Content Analytics) events for IP cameras	Support multiple VCA (Video Content Analytics) events for IP cameras
Power Consumption (without HDD)	≤ 15 W	≤ 15 W	≤ 15 W	≤ 15 W
Description	-	-	-	-

Model	DS-7732NI-M4/16P	DS-9632NI-M8	DS-9664NI-M8
Image			
Hardware Platform	Eight-core embedded processor	Eight-core embedded processor	Eight-core embedded processor
Channel No.	32-ch	32-ch	64-ch
Decoding Format	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264
Incoming/Outgoing Bandwidth	320 Mbps / 400 Mbps	320 Mbps / 400 Mbps	400 Mbps / 400 Mbps
Decoding Capacity	2-ch@32 MP (30 fps)/2-ch@24 MP (30 fps)/4-ch@12 MP (20 fps)/8-ch@8 MP (25 fps)/16-ch@4 MP (30 fps)/32-ch@1080p (30 fps)	2-ch@32 MP (30 fps)/8-ch@8 MP (30 fps)/16-ch@4 MP (30 fps)/32-ch@1080p (30 fps)	2-ch@32 MP (30 fps)/8-ch@8 MP (30 fps)/16-ch@4 MP (30 fps)/32-ch@1080p (30 fps)
Recording Resolution	32 MP/24 MP/12 MP/8 MP/7 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF	32 MP/24 MP/12 MP/8 MP/7 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF	32 MP/24 MP/12 MP/8 MP/7 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF
Display	2 HDMI / 1 VGA	2 HDMI / 2 VGA	2 HDMI / 2 VGA
Video Output	HDMI 1: 8K (7680 × 4320)/30Hz, 4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI 2: 4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA: 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	HDMI1: 8K (7680 × 4320)/30Hz, 4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI2: 4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA1: 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA2: 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	HDMI1: 8K (7680 × 4320)/30Hz, 4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI2: 4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA1: 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA2: 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
LCD	-	-	-
Storage Capacity	4 SATA interfaces Up to 14 TB capacity for each disk	8 SATA interfaces Up to 14 TB capacity for each disk	8 SATA interfaces Up to 14 TB capacity for each disk
eSATA / Mini SAS	1 eSATA interface	1 eSATA interface	1 eSATA interface
RAID Type	-	RAID0, RAID1, RAID5, RAID6, RAID10	RAID0, RAID1, RAID5, RAID6, RAID10
Audio Output	1-ch, RCA (Linear, 1 KΩ)	2-ch, RCA (Linear, 1 KΩ)	2-ch, RCA (Linear, 1 KΩ)
Alarm I/O	16/9	16/9	16/9
Network Interface	1, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface	2, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface	2, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface
PoE Port	16P	-	-
USB Port	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0	Front panel: 2 × USB 2.0; Rear panel: 2 × USB 3.0	Front panel: 2 × USB 2.0; Rear panel: 2 × USB 3.0
Smart Function	Support multiple VCA (Video Content Analytics) events for IP cameras	Support multiple VCA (Video Content Analytics) events for IP cameras	Support multiple VCA (Video Content Analytics) events for IP cameras
Power Consumption (without HDD)	≤ 15 W	≤ 50 W	≤ 50 W
Description	-	-	-

Model	DS-9632NI-M16	DS-9664NI-M16	DS-96256NI-I24/H	DS-96128NI-I24/H	DS-96064NI-I16
Image					
Hardware Platform	Eight-core embedded processor	Eight-core embedded processor	Intel Xeon E3 Quad-Core processor	Intel Xeon E3 Quad-Core processor	Intel Pentium Dual-Core processor
Channel No.	32-ch	64-ch	256-ch	128-ch	64-ch
Decoding Format	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264	H.265, H.265+, H.264, H.264+, MPEG4, MJPEG (for Hikvision IP camera only)	H.265, H.265+, H.264, H.264+, MPEG4, MJPEG (for Hikvision IP camera only)	H.265, H.265+, H.264, H.264+, MPEG4, MJPEG (for Hikvision IP camera only)
Incoming/Outgoing Bandwidth	320 Mbps / 400 Mbps	400 Mbps / 400 Mbps	768 Mbps / 768 Mbps 768 Mbps / 768 Mbps (RAID mode)	768 Mbps / 512 Mbps 768 Mbps / 512 Mbps (RAID mode)	512 Mbps / 512 Mbps 512 Mbps / 400 Mbps (RAID mode)
Decoding Capacity	2-ch@32 MP (30 fps)/8-ch@8 MP (30 fps)/16-ch@4 MP (30 fps)/32-ch@1080p (30 fps)	2-ch@32 MP (30 fps)/8-ch@8 MP (30 fps)/16-ch@4 MP (30 fps)/32-ch@1080p (30 fps)	20-ch @ 1080p	20-ch @ 1080p	20-ch @ 1080p
Recording Resolution	32 MP/24 MP/12 MP/8 MP/7 MP/6 MP/5 MP/4 MP/3MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF	32 MP/24 MP/12 MP/8 MP/7 MP/6 MP/5 MP/4 MP/3MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF	32 MP/24 MP/12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA /4CIF/DCIF/2CIF/CIF/QCIF *: 32 MP and 24 MP is only available for channel 1-4 when ultra HD resolution mode is enabled.	32 MP/24 MP/12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA /4CIF/DCIF/2CIF/CIF/QCIF *: 32 MP and 24 MP is only available for channel 1-4 when ultra HD resolution mode is enabled.	32 MP/24 MP/12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA /4CIF/DCIF/2CIF/CIF/QCIF *: 32 MP and 24 MP is only available for channel 1-4 when ultra HD resolution mode is enabled.
Display	2 HDMI / 2 VGA	2 HDMI / 2 VGA	2 HDMI / 1 VGA	2 HDMI / 1 VGA	2 HDMI / 1 VGA
Video Output	HDMI1: 8K (7680 × 4320)/30Hz, 4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI2:4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA1:1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA2:1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	HDMI1: 8K (7680 × 4320)/30Hz, 4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI2:4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA1:1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA2:1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	HDMI:Two independent HDMI outputs of 4K resolution. Resolution: 4K (4096 × 2160), 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1080p (1920 × 1080)/60Hz, UXGA (1600 × 1200)/60Hz, SXGA (1280 × 1024)/60Hz, 720p (1280 × 720)/60Hz, XGA (1024 × 768)/60Hz VGA:1-ch. Resolution: 1080p (1920 × 1080)/60Hz, UXGA (1600 × 1200)/60Hz, SXGA (1280 × 1024)/60Hz, 720p (1280 × 720)/60Hz, XGA (1024 × 768)/60Hz	HDMI:Two independent HDMI outputs of 4K resolution. Resolution: 4K (4096 × 2160), 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1080p (1920 × 1080)/60Hz, UXGA (1600 × 1200)/60Hz, SXGA (1280 × 1024)/60Hz, 720p (1280 × 720)/60Hz, XGA (1024 × 768)/60Hz VGA:1-ch. Resolution: 1080p (1920 × 1080)/60Hz, UXGA (1600 × 1200)/60Hz, SXGA (1280 × 1024)/60Hz, 720p (1280 × 720)/60Hz, XGA (1024 × 768)/60Hz	HDMI:Two independent HDMI outputs of 4K resolution. Resolution: 4K (4096 × 2160), 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1080p (1920 × 1080)/60Hz, UXGA (1600 × 1200)/60Hz, SXGA (1280 × 1024)/60Hz, 720p (1280 × 720)/60Hz, XGA (1024 × 768)/60Hz
LCD	-	-	One 7 inch LCD (Optional)	One 7 inch LCD (Optional)	One 7 inch LCD (Optional)
Storage Capacity	16 SATA interfaces supporting hot-plug Up to 14 TB capacity for each disk	16 SATA interfaces supporting hot-plug Up to 14 TB capacity for each disk	24 SATA interfaces supporting hot-plug Up to 10 TB for each HDD	24 SATA interfaces supporting hot-plug Up to 10 TB for each HDD	16 SATA interfaces supporting hot-plug Up to 10 TB for each HDD
eSATA / Mini SAS	1 eSATA interface	1 eSATA interface	1 × eSATA interface, 2 × mini SAS interface (optional)	1 × eSATA interface, 2 × mini SAS interface (optional)	1 × eSATA interface, 2 × mini SAS interface (optional)
RAID Type	RAID0, RAID1, RAID5, RAID6, RAID10	RAID0, RAID1, RAID5, RAID6, RAID10	RAID0, RAID1, RAID5, RAID 6, and RAID10	RAID0, RAID1, RAID5, RAID 6, and RAID10	RAID0, RAID1, RAID5, RAID 6, and RAID10
Audio Output	2-ch, RCA (Linear, 1 KΩ)	2-ch, RCA (Linear, 1 KΩ)	1-ch, RCA (2.0 Vp-p, 1 KΩ)	1-ch, RCA (2.0 Vp-p, 1 KΩ)	1-ch, RCA (2.0 Vp-p, 1 KΩ)
Alarm I/O	16/9	16/9	16/8	16/8	16/8
Network Interface	2, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface	2, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface	4, RJ45 10M/100M/1000M self-adaptive Ethernet interface	4, RJ45 10M/100M/1000M self-adaptive Ethernet interface	4, RJ45 10M/100M/1000M self-adaptive Ethernet interface
PoE Port	-	-	-	-	-
USB Port	Front panel: 2 × USB 2.0; Rear panel: 2 × USB 3.0	Front panel: 2 × USB 2.0; Rear panel: 2 × USB 3.0	Front Panel: 1 × USB 2.0; Rear Panel: 2 × USB 3.0	Front Panel: 1 × USB 2.0; Rear Panel: 2 × USB 3.0	Front Panel: 2 × USB 2.0; Rear Panel: 2 × USB 3.0
Smart Function	Support multiple VCA (Video Content Analytics) events for IP cameras	Support multiple VCA (Video Content Analytics) events for IP cameras	Face detection, behavior analysis, people counting and heat map	Face detection, behavior analysis, people counting and heat map	Face detection, behavior analysis, people counting and heat map
Power Consumption (without HDD)	≤ 50 W	≤ 50 W	≤ 140W	≤ 140W	≤ 140W
Description	-	-	-	-	-

Model	DS-9664NI-I16	DS-9632NI-I16	DS-9664NI-I8	DS-9632NI-I8	DS-9616NI-I8
Image					
Hardware Platform	Quad-core embedded processor	Quad-core embedded processor	Quad-core embedded processor	Quad-core embedded processor	Quad-core embedded processor
Channel No.	64-ch	32-ch	64-ch	32-ch	16-ch
Decoding Format	H.265 / H.265+ / H.264 / H.264+ / MPEG4	H.265 / H.265+ / H.264 / H.264+ / MPEG4	H.265 / H.265+ / H.264 / H.264+ / MPEG4	H.265 / H.265+ / H.264 / H.264+ / MPEG4	H.265 / H.265+ / H.264 / H.264+ / MPEG4
Incoming/Outgoing Bandwidth	320 Mbps / 256 Mbps 200 Mbps / 200 Mbps (RAID mode)	320 Mbps / 256 Mbps 200 Mbps / 200 Mbps (RAID mode)	320 Mbps / 256 Mbps 200 Mbps / 200 Mbps (RAID mode)	320 Mbps / 256 Mbps 200 Mbps / 200 Mbps (RAID mode)	256 Mbps / 256 Mbps 200 Mbps / 200 Mbps (RAID mode)
Decoding Capacity	2-ch @ 12 MP (20 fps) / 4-ch @ 8 MP (25 fps) / 8-ch @ 4 MP (30 fps) / 16-ch @ 1080p (30 fps)	2-ch @ 12 MP (20 fps) / 4-ch @ 8 MP (25 fps) / 8-ch @ 4 MP (30 fps) / 16-ch @ 1080p (30 fps)	2-ch @ 12 MP (20 fps) / 4-ch @ 8 MP (25 fps) / 8-ch @ 4 MP (30 fps) / 16-ch @ 1080p (30 fps)	2-ch @ 12 MP (20 fps) / 4-ch @ 8 MP (25 fps) / 8-ch @ 4 MP (30 fps) / 16-ch @ 1080p (30 fps)	2-ch @ 12 MP (20 fps) / 4-ch @ 8 MP (25 fps) / 8-ch @ 4 MP (30 fps) / 16-ch @ 1080p (30 fps)
Recording Resolution	32 MP/24 MP/12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA /4CIF/DCIF/2CIF/CIF/QCIF *: 32 MP and 24 MP is only available for channel 1 when ultra HD resolution mode is enabled.	32 MP/24 MP/12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA /4CIF/DCIF/2CIF/CIF/QCIF *: 32 MP and 24 MP is only available for channel 1 when ultra HD resolution mode is enabled.	32 MP/24 MP/12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA /4CIF/DCIF/2CIF/CIF/QCIF *: 32 MP and 24 MP is only available for channel 1 when ultra HD resolution mode is enabled.	32 MP/24 MP/12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA /4CIF/DCIF/2CIF/CIF/QCIF *: 32 MP and 24 MP is only available for channel 1 when ultra HD resolution mode is enabled.	32 MP/24 MP/12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA /4CIF/DCIF/2CIF/CIF/QCIF *: 32 MP and 24 MP is only available for channel 1 when ultra HD resolution mode is enabled.
Display	2 HDMI / 2 VGA	2 HDMI / 2 VGA	2 HDMI / 2 VGA	2 HDMI / 2 VGA	2 HDMI / 2 VGA
Video Output	VGA1: 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI1: 4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA2/HDMI2:1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	VGA1: 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI1: 4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA2/HDMI2:1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	HDMI1: 4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA1: 2K (2560 × 1440)/60Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA2/HDMI2:1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	HDMI1: 4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA1: 2K (2560 × 1440)/60Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA2/HDMI2:1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	HDMI1: 4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA1: 2K (2560 × 1440)/60Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA2/HDMI2:1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
LCD	-	-	-	-	-
Storage Capacity	16 SATA interfaces Up to 10 TB for each HDD	16 SATA interfaces Up to 10 TB for each HDD	8 SATA interfaces Up to 10 TB for each HDD	8 SATA interfaces Up to 10 TB for each HDD	8 SATA interfaces Up to 10 TB for each HDD
eSATA / Mini SAS	1 × eSATA interface	1 × eSATA interface	1 eSATA interface	1 eSATA interface	1 eSATA interface
RAID Type	RAID0, RAID1, RAID5, RAID 6, and RAID10	RAID0, RAID1, RAID5, RAID 6, and RAID10	RAID0, RAID1, RAID5, RAID 6, RAID10	RAID0, RAID1, RAID5, RAID6, RAID10	RAID0, RAID1, RAID5, RAID6, RAID10
Audio Output	1-ch. RCA (2.0 Vp-p, 1 KΩ)	1-ch. RCA (2.0 Vp-p, 1 KΩ)	2-ch. RCA (2.0 Vp-p, 1 KΩ)	2-ch. RCA (2.0Vp-p, 1 KΩ)	2-ch. RCA (2.0Vp-p, 1 KΩ)
Alarm I/O	16/8	16/8	16/4	16/4	16/4
Network Interface	2, RJ45 10M/100M/1000M self-adaptive Ethernet interface	2, RJ45 10M/100M/1000M self-adaptive Ethernet interface	2, RJ45 10M/100M/1000M self-adaptive Ethernet interface	2, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface	2, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface
PoE Port	-	-	-	-	-
USB Port	Front Panel: 2 × USB 2.0; Rear Panel: 1 × USB 3.0	Front Panel: 2 × USB 2.0; Rear Panel: 1 × USB 3.0	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0
Smart Function	Supports multiple VCA(Video Content Analytics) events for IP cameras	Supports multiple VCA(Video Content Analytics) events for IP cameras	Supports multiple VCA(Video Content Analytics) events for IP cameras	Supports multiple VCA(Video Content Analytics) events for IP cameras	Supports multiple VCA(Video Content Analytics) events for IP cameras
Power Consumption (without HDD)	≤ 45 W	≤ 45 W	≤ 30 W	≤ 30 W	≤ 30 W
Description	-	-	-	-	-

Network Storage

046 Hybrid SAN








Hikvision Hybrid SAN Products


Cost-Effective, Dedicated, Superior Data Security and Sustainability

- Dual mode support: Video Direct Streaming and IPSAN
- Video Direct Streaming mode eliminates need for recording servers, with excellent cost-effective video storage
- Video stream-based R/W/Search operation, higher efficiency
- Super N+1 failover (1 failover node to take over traffic of multiple faulty nodes) providing enhanced video safety
- Proven lab and field compatibility in IPSAN mode with leading VMSs such as Milestone, AXXON, ISS, etc.
- Supports local, remote, and scheduled backup
- Hybrid SAN with pre-installed HDDs creates cost-effective solutions for long-term storage
- Supports ONVIF, PSIA, and RTSP protocols and extended data retention (with third-party cameras such as Bosch, Axis, Sony, Samsung, etc.)



Model		DS-A81016S	DS-A71024R	DS-A82024D	DS-A72024R
Image					
Performance	Direct Streaming mode: video (2 Mbps) + picture	320-ch recording + playback	320-ch recording + playback	448-ch (recording + playback)	820-ch recording + playback
	IPSAN	180-ch recording + playback	180-ch recording + playback	256-ch (recording + playback)	-
Controller	Processor	One controller (64-bit multi-core processor)	One 64-bit embedded multi-core processor	Dual controller (64-bit multi-core processor)	Dual 64-bit multi-core processor
	Cache	4 GB (extendable to 32 GB)	4 GB (extendable to 64GB)	8 GB (extendable to 32 GB)/controller	8 GB (extendable to 128 GB)
HDD	HDD slot	16	24	24	24
	Interface/capacity	2TB, 4TB, 6TB, 8TB, 10TB, 12TB, 14TB, 16TB	2TB, 4TB, 6TB, 8TB, 10TB, 12TB, 14TB, 16TB	2TB, 4TB, 6TB, 8TB, 10TB, 12TB, 14TB, 16TB,	2TB, 4TB, 6TB, 8TB, 10TB, 12TB, 14TB, 16TB
	RAID	RAID0, 1, 3, 5, 6, 10, 50, JBOD, Hot-spare	RAID 0, 1, 3, 5, 6, 10, 50, JBOD, hot spare	RAID0, 1, 3, 5, 6, 10, 50, JBOD, Hot-Spare	RAID 0, 1, 3, 5, 6, 10, 50, JBOD, hot spare
Network	Protocol	iSCSI, RTSP, ONVIF, PSIA	iSCSI, RTSP, ONVIF, PSIA	iSCSI, RTSP, ONVIF, PSIA	iSCSI, RTSP, ONVIF, PSIA
Storage Management	Disk management	Disk inspection, alarm and repair	Disk inspection, alarm and repair	Disk inspection, alarm and repair	Disk inspection, alarm and repair
	Logical volume management	iSCSI volume, video volume management	iSCSI volume, video volume management	iSCSI volume, video volume management	iSCSI volume, video volume management
Recording Management	Recording mode	Timing recording, manual recording, dual-stream recording, alarm recording	Timing recording, manual recording, dual-stream recording, alarm recording	Timing recording, manual recording, dual-stream recording, alarm recording	Timing recording, manual recording, dual-stream recording, alarm recording
	Video protection	Lock key video, N+1 service protection, ANR, video loss detection and alarm	Lock key video, N+1 service protection, ANR, video loss detection and alarm	Lock key video, N+1 service protection, ANR, video loss detection and alarm	Lock key video, N+1 service protection, ANR, video loss detection and alarm
Device Maintenance	Management mode	Web-based GUI, serial port CLI, centralized management of multiple devices	Web-based GUI, serial port CLI, centralized management of multiple devices	Web-based GUI, serial port CLI, centralized management of multiple devices	Web-based GUI, serial port CLI, centralized management of multiple devices
	Alarm mode	Sound, light, email, message, web page	Sound, light, email, message, web page	Sound, light, email, message, web page	Sound, light, email, message, web page
External Interface	Data network interface	3, 1000M Ethernet interface	2, 1000M Ethernet interface (4 × 1GbE or 2 × 10GbE is extendable)	4, 1000M Ethernet interface (4 × 6GbE or 2 × 10GbE is extendable) per controller	4, 1000M Ethernet interface (4 × 1GbE or 2 × 10GbE is extendable)
	Management network interface	1, 1000M Ethernet interface	1, 1000M Ethernet interface/Controller	1, 1000M Ethernet interface/Controller	1, 1000M Ethernet interface/Controller
	Mini SAS interface	Supported	Supported	Supported	Supported
General	Power supply	Redundant	Redundant	Redundant	Redundant
	Dimensions(W × H × D)	3U Chassis(486 x 134 x 535 mm)	4U Chassis(445 x 175 x 746 mm)	4U Chassis(484 x 174 x 760 mm)	4U Chassis(445 x 175 x 746 mm)

Model		DS-AT1000S/480
Image		
Performance	Direct Streaming mode: video (2 Mbps) + picture	400-ch recording + playback
	IPSAN	-
Controller	Processor	64-bit multi-core processor
	Cache	16 GB (extendable to 32 GB)
HDD	HDD slot	24 (the device is packaged with 24 HDDs)
	Interface/capacity	SATA / 20 TB
	RAID	iRAID, RAID5, RAID6
Network	Protocol	RTSP, ONVIF, HKSDK
Storage Management	Disk management	Disk detection pre-alarm and repair
	Logical volume management	Recording volume management
Recording Management	Recording mode	Continuous recording, manual recording, and alarm recording
	Video protection	Video lock, video loss alarm
Device Maintenance	Management mode	GUI based on web, serial port CLI, platform
	Alarm mode	Audio, indicator, GUI
External Interface	Data network interface	4, 1000 Mbps Ethernet interface
	Management network interface	1, 1000 Mbps Ethernet interface
	Mini SAS interface	N/A
General	Power supply	Redundant
	Dimensions(W × H × D)	4U Chassis(484 x 174 x 724 mm)

Model		DS-AJ7824D
Image		
Controller Parameters	Controller	2 Controller
	SAS Interface (Upper-level)	2 (12 Gbps)
	SAS Interface (Lower-level)	1 (12 Gbps)
	HDD Interfaces	24
	HDD Interface Type	SAS
	Hot Swap HDD	Supported
	Power	Redundant (1+1)
General	Applicable Models	DS-A82024D
	Chassis	4U Chassis
	Dimensions(W × H × D)	484 x 174 x 760 mm
	Weight (without hard disk)	40 kg (88.2 lb)
	Consumption (with max. hard disks)	≤ 550 W

Thermal

- 50** HeatPro Series
- 52** Presence Detectors
- 53** Security Group Cameras
- 56** Thermographic Group Products



HeatPro Series

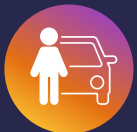
Professional Protection Made Simple

Hikvision HeatPro Series Cameras feature deep-learning thermal video analytics for all-weather perimeter protection, object temperature measurement, and fire detection with real-time alarms. They are easy to configure, making the cameras ideal for SMB applications in residential, construction sites, retail, parking, museums, data centers, and other verticals.

- > All-weather deterrence and alerts
- > Simple, three-step deployment for perimeter protection
- > Thermal video analytics with deep-learning human & vehicle classification, reducing maintenance overhead
- > Temperature exception alarms for fire detection
- > Visual and auditory alarms





Hikvision HeatPro Series Thermal Cameras Professional Protection Made Simple



Thermal - Single Lens

Model	HM-TD1017/QW	DS-2TD1228-2/3/7 QA	DS-2TD2628-3/7/10 QA
Image	 Presence Detector	 Audible Alarm and Strobe Light	 Audible Alarm and Strobe Light
Sensor (Thermal)	Vanadium Oxide Uncooled Focal Plane Arrays	Vanadium Oxide Uncooled Focal Plane Arrays	Vanadium Oxide Uncooled Focal Plane Arrays
NETD	< 50 mK (25°C, F1.2)	< 40 mK (@25 °C, F# = 1.3)	< 40 mK (@25 °C, F# = 1.3)
Pixel Pitch (Thermal)	17 µm	12 µm	12 µm
Resolution (Thermal)	160 × 120	256 × 192	256 × 192
Sensor (Optical)	-	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS
Max. Resolution (Optical)	-	2688 × 1520	2688 × 1520
Min. Illumination (Optical)	-	Colour: 0.0176 Lux @ (F2.25, AGC ON), B/W: 0.0035 Lux @ (F2.25, AGC ON)	Colour: 0.0176 Lux @ (F2.25, AGC ON), B/W: 0.0035 Lux @ (F2.25, AGC ON)
Lens	Thermal:1 or 2mm	Thermal: 2, 3 or 7 mm Optical: 2, 4 or 6 mm	Thermal: 3, 7 or 10 mm Optical: 4, 6 or 8 mm
Field of View (Thermal)	1mm: HS111:100° (H) × 82° (V) HS111(B):110° (H) × 89° (V) 2mm: HS121 90.0° (H) × 65.3° (V)	2 mm: 90.0° × 65.4° 3 mm: 50.0° × 37.3° 7 mm: 24.9° × 18.7°	3 mm: 50.0° × 37.3° 7 mm: 24.9° × 18.7° 10 mm: 18.0° × 13.5°
Video Compression	H.265/H.264	H.265/H.264/MJPEG	H.265/H.264/MJPEG
Frame Rate	25 fps	25 fps	25 fps
Ingress Protection	-	IP66	IP67
Pan/Tilt	-	-	-
Audio Input	-	1-ch 3.5 mm Mic in/Line in interface. Line input: 2 - 2.4 V (p-p), output impedance: 1 KΩ ± 10%	1-ch 3.5 mm Mic in/Line in interface. Line input: 2 - 2.4 V (p-p), output impedance: 1 KΩ ± 10%
Audio Output	-	Linear level; impedance: 600 Ω	Linear level; impedance: 600 Ω
Alarm Input	-	1-ch inputs (0-5 VDC)	2-ch inputs (0-5 VDC)
Alarm Output	1, alarm output (alarm response actions configurable)	1-ch relay outputs, alarm response actions configurable	2-ch relay outputs, alarm response actions configurable
Power	5 to 16 VDC, type-C	12 VDC ± 20% PoE (802.3af)	12 VDC ± 20% PoE (802.3af)
Environmental Requirement	Temperature: -10°C to 50°C (14°F to 122°F) Humidity: 95% or less	From -40 °C to 65 °C (-40 °F to 149 °F); Humidity: 95% or less	From -40 °C to 65 °C (-40 °F to 149 °F); Humidity: 95% or less
VCA	People number exception and presence detection Health tracking	Line Crossing, Intrusion, Region Entrance, Region Exiting	Line Crossing, Intrusion, Region Entrance, Region Exiting
Temperature Measuring Range	-10°C to 200°C (14°F to 392°F)	-20 °C to +150 °C (-4 °F to +302 °F)	-20 °C to +150 °C (-4 °F to +302 °F)
Temperature Accuracy	± 8°C (± 14.4°F)	± 8 °C (± 14.4 °F)	± 8 °C (± 14.4 °F)

Thermography

Model	DS-2TD1228T-20A/30A	DS-2TD2628T-30A/70A
Image	 Audible Alarm and Strobe Light	 Audible Alarm and Strobe Light
Sensor (Thermal)	Vanadium Oxide Uncooled Focal Plane Arrays	Vanadium Oxide Uncooled Focal Plane Arrays
NETD	< 40 mK (@ 25°C, F# = 1.0)	< 40 mK (@25° C, F# = 1.0)
Pixel Pitch (Thermal)	12 µm	12 µm
Resolution (Thermal)	256 × 192	256 × 192
Sensor (Optical)	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS
Max. Resolution (Optical)	2688 × 1520	2688 × 1520
Min. Illumination (Optical)	20A: Colour: 0.0176Lux @ (F2.25, AGC ON), 0 Lux with IR 30A: 0.0089Lux @ (F1.6, AGC ON), 0 Lux with IR	Colour: 0.0089Lux @ (F1.6, AGC ON), 0 Lux with IR
Lens	Thermal: 2 or 3mm Optical: 2 or 3mm	Thermal: 3 or 7mm Optical: 4 or 6 mm
Field of View (Thermal)	2mm:90.0° × 65.4° (H × V) 3mm:50.0° × 37.3° (H × V)	3mm:50.0° × 37.3° (H × V) 7mm:24.9° × 18.7° (H × V)
Video Compression	H.265/H.264/MJPEG	H.265/H.264/MJPEG
Frame Rate	25 fps	25 fps
Ingress Protection	IP66	IP67
Pan/Tilt	-	-
Audio Input	1, 3.5 mm Mic in/Line in interface Line input: 2 to 2.4 V (p-p), output impedance: 1 KΩ ± 10%	1, 3.5 mm Mic in/Line in interface Line input: 2 to 2.4 V (p-p), output impedance: 1 KΩ ± 10%
Audio Output	Linear level, impedance: 600 Ω	Linear level, impedance: 600 Ω
Alarm Input	1, alarm input (0 to 5 VDC)	2, alarm input (0 to 5 VDC)
Alarm Output	1, alarm output (alarm response actions configurable)	2, alarm output (alarm response actions configurable)
Power	12 VDC ± 25% PoE (802.3af)	24 VAC ± 25%, 12 VDC ± 25%, two-core terminal block PoE (802.3af)
Environmental Requirement	Temperature: -40°C to 65°C (-40°F to 149°F); Humidity: 95% or less	Temperature: -40°C to 65°C (-40°F to 149°F); Humidity: 95% or less
VCA	Line crossing, intrusion, region entrance, and region exiting	Line crossing, intrusion, region entrance, and region exiting
Fire Detection	Dynamic fire detection, up to 10 fire points detectable	Dynamic fire detection, up to 10 fire points detectable
Temperature Measuring Range	-20°C to 550°C (-4°F to 1022°F)	-20°C to 550°C (-4°F to 1022°F)
Temperature Accuracy	Max. (± 2°C, ± 2%)	Max. (± 2°C, ± 2%)

Presence Detectors

Professional Protection Made Simple

Compared with conventional thermal cameras, presence detectors feature a more compact and discrete design. At the same time, thermal imaging protects user privacy by not capturing detailed features that allow personal identification. Furthermore, the detectors' ultra-low power consumption makes them adaptable to a variety of installation conditions. Therefore, these presence detectors are used widely in nursing homes, banks, apartments, and many other scenarios.

- Out of room, out of bed, and leave-without-return detection
- Privacy protection using thermal imaging
- Friendly design, suitable for indoor use
- Built-in temperature measurement algorithm, -10° to 200° C (14° to 392° F), $\pm 8^{\circ}$ C ($\pm 14.4^{\circ}$ F)
- Human presence detection and person-number anomaly detection



Security Group Cameras

See the World in a New Way





Hikvision's Thermal Security Cameras feature deep-learning thermal video analytics for all-weather perimeter protection, object temperature measurement, and fire detection with real-time alarms. They feature expert design for high value infrastructure applications in power stations, substations, airports, warehouses, and other verticals.

- > All-weather deterrence and alerts
- > Thermal video analytics with deep-learning human & vehicle classification, reducing maintenance overhead
- > Temperature exception alarms for fire detection
- > Multiple model options covering short and long range demands



Thermal - Single Lens

Thermal - Dual Lens

Model	DS-2TD2137-4PY	DS-2TD2637-70Y/100Y/150Y/250Y/350Y	DS-2TD2667-15PY/25PY/35PY	DS-2TD4137-25W/50W(B)
Image	 Anti-corrosion	 Anti-corrosion	 Anti-corrosion	
Sensor (Thermal)	Vanadium Oxide Uncooled Focal Plane Arrays	Vanadium Oxide Uncooled Focal Plane Arrays	Vanadium Oxide Uncooled Focal Plane Arrays	Vanadium Oxide Uncooled Focal Plane Arrays
NETD	< 35 mk (@25°C,F#=1.0)	< 35 mk (25°C, F1.0)	< 35 mk (@25 °C,F# = 1.0)	< 40 mk (@25°C,F#=1.0)
Pixel Pitch (Thermal)	17 μm	17 μm	17 μm	17 μm
Resolution (Thermal)	384 x 288	384 x 288	640 x 512	384 x 288
Sensor (Optical)	-	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS
Max. Resolution (Optical)	-	2688 x 1520	2688 x 1520	2688 x 1520
Min. Illumination (Optical)	-	0.0089Lux @(F1.6,AGC ON) ,0 Lux with IR	Colour: 0.0089 Lux @(F1.6, AGC ON), B/W: 0.0018 Lux @(F1.6, AGC ON)	Colour: 0.005 Lux @ (F1.3, AGC ON) B/W: 0.001 Lux @ (F1.3, AGC ON)
Lens	4	Thermal: 7 mm, 10 mm, 15 mm, 25mm or 35mm Optical: 4mm, 4mm, 6mm, 12mm or 15mm	Thermal: 15 mm, 25 mm or 35 mm Optical: 4mm, 6mm, 8mm	Thermal: 25 or 50 mm Optical: 6-240 mm
Field of View (Thermal)	4 mm:90° x 65.3°	7mm:60° x 44.1° 10mm:37.5° x 28.5° 15mm:51.7° x 28° 25mm:14.9° x 11.2° 35mm:10.7° x 8°	15mm: 42.5° x 33.6° 25mm: 24.55° x 19.75° 35mm: 17.67° x 14.18°	25 mm: 14.9° x 11.2° 50 mm: 7.5° x 5.6°
Video Compression	H.265/H.264/MJPEG	H.265/H.264/MJPEG	H.265/H.264/MJPEG	H.265/H.264/MJPEG
Frame Rate	25 fps	25 fps	25fps	Thermal: 50fps Optical: 25fps
Ingress Protection	IP67	IP67	IP67	IP66
Pan/Tilt	-	-	-	Pan: 360° Continuous Rotate; Tilt: From -20° to + 90° (auto flip)
Audio Input	1 3.5mm Mic in/Line in interface. Line input: 2-2.4 V(p-p), output impedance:1 KΩ ± 10%	1, 3.5 mm Mic in/Line in interface Line input: 2 - 2.4 V (p-p), output impedance: 1 KΩ ± 10%	1, 3.5 mm Mic in/Line in interface. Line input: 2 to 2.4 V (p-p), output impedance: 1 KΩ ± 10%	1-ch 3.5 mm Mic in/Line in interface. Line input: 2-2.4V(p-p), output impedance: 1 KΩ ± 10%
Audio Output	Linear Level; Impedance: 600 Ω	Linear level, impedance: 600 Ω	Linear level, impedance: 600 Ω	Linear Level; Impedance: 600 Ω
Alarm Input	2-ch inputs (0-5 VDC)	2, alarm input (0-5 VDC)	2-ch inputs (0-5 VDC)	Up to 7-ch inputs (0-5 VDC)
Alarm Output	2-ch relay outputs, alarm response actions configurable	2, alarm output (alarm response actions configurable)	2-ch relay outputs, alarm response actions configurable	2-ch relay outputs, alarm response actions configurable
Power	24 VAC ± 25%, 12 VDC ± 25%; PoE (802.3af, class 3)	24 VAC ± 25%, 12 VDC ± 25%; PoE (802.3af, class 3)	24 VAC± 25%, 12 VDC± 25%; PoE (802.3af, class 3)	24 VAC ± 25%
Environmental Requirement	Temperature: -40 °C to 65 °C (-40 °F to 149 °F) Humidity: 90% or less	Temperature: -40°C to 65°C (-40°F to 149°F) Humidity: 95% or less	Temperature: -40 °C to 65 °C (-40 °F to 149 °F) Humidity: 95% or less	From -40 °C to 65 °C (-40 °F to 149 °F); Humidity: 95% or less
VCA	Line Crossing, Intrusion, Region Entrance, Region Exiting	(line crossing, intrusion, region entrance, and region exiting	Line Crossing, Intrusion, Region Entrance, Region Exiting	Line Crossing, Intrusion, Region Entrance, Region Exiting
Fire Detection	Dynamic fire detection, up to 10 fire points detectable.	Dynamic fire detection, up to 10 fire points detectable.	Dynamic fire detection, up to 10 fire points detectable.	Dynamic fire detection, up to 10 fire points detectable.
Temperature Measuring Range	-20 °C to +150 °C (-4 °F to +302 °F)	-20 °C to 150 °C (-4 °F to 302 °F)	-20 °C to +150 °C (-4 °F to +302 °F)	-20° C to 150° C (-4 °F to +302°F)
Temperature Accuracy	± 8 °C (± 14.4 °F)	± 8 °C (±14.4 °F)	± 8 °C (± 14.4 °F)	± 8 °C (± 14.4 °F)

Model	DS-2TD4167-25W/50W(B)	DS-2TD4237-10V2/25V2	DS-2TD4228-10/W	DS-2TD6267-50H4LW/75C4LW/100C4LW	DS-2TD8167-150ZC4FW/150ZE2FW/190ZE2FW/230ZG2FW/
Image					
Sensor (Thermal)	Vanadium Oxide Uncooled Focal Plane Arrays	Vanadium Oxide Uncooled Focal Plane Arrays	Vanadium Oxide Uncooled Focal Plane Arrays	Vanadium Oxide Uncooled Focal Plane Arrays	Vanadium Oxide Uncooled Focal Plane Arrays
NETD	< 40 mk (@25°C, F#=1.0)	< 40 mk (@25°C, F#=1.0)	≤ 35 mk (@25°C, F# = 1.0)	< 35 mk (@25°C, F#=1.0)	< 35 mk (@25°C, F#=1.0)
Pixel Pitch (Thermal)	17 μm	17 μm	12 μm	17 μm	17 μm
Resolution (Thermal)	640 × 512	384 × 288	256 × 192	640 × 512	640 × 512
Sensor (Optical)	1/1.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	Thermal: 10mm Optical: 4.8-153mm, 32x	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS
Max. Resolution (Optical)	2688 × 1520	1920 × 1080	1/2.8" Progressive Scan CMOS	2688 × 1520	-C: 2688 × 1520 -E: 1920 × 1080
Min. Illumination (Optical)	Colour: 0.005 Lux @ (F1.3, AGC ON) B/W: 0.001 Lux @ (F1.3, AGC ON)	Colour: 0.05 lux @ (F1.2, AGC ON) B/W: 0.01 lux @ (F1.2, AGC ON)	2688 × 1520, 4 MP	Colour: 0.005 Lux @ (F1.3, AGC ON) B/W: 0.001 Lux @ (F1.3, AGC ON)	-C: Colour: 0.0005 lux @ (F1.5, AGC ON) -C: B/W: 0.0001 lux @ (F1.5, AGC ON) -E: Colour: 0.005 lux @ (F3.5, AGC ON) -E: B/W: 0.0005 lux @ (F3.5, AGC ON)
Lens	Thermal: 25 or 50 mm Optical: 6-240 mm	Thermal: 10 or 25 mm Optical: 4.8-153 mm	Colour: 0.05 lux @ (F1.2, AGC ON) B/W: 0.01 lux @ (F1.2, AGC ON)	Thermal: 50, 75 or 100 mm Optical: H (6-240 mm) / C (6-336 mm)	Thermal: 150 / 190 / 230 mm Optical: -C: 6.7-330 mm -E: 12.5-775 mm -G: 16.7-1000 mm
Field of View (Thermal)	25 mm: 24.5° × 19.7° 50 mm: 7.5° × 5.6°	10 mm: 37.7° × 28.7° 25 mm: 14.88° × 11.19°	10mm: 18° × 13.5°	50 mm: 12.42° × 9.95° 75 mm: 8.3° × 6.64° 100 mm: 6.23° × 4.98°	150 mm: 20.56° × 16.51° 190 mm: 17.19° × 13.79° 230 mm: 26.61° × 21.43°
Video Compression	H.265/H.264/MJPEG	H.265/H.264	H.265+/H.265/H.264+/H.264/MJPEG	H.265/H.264/MJPEG	H.265/H.264/MJPEG
Frame Rate	Thermal: 50fps Optical: 25fps	25 fps	50fps	25 fps	25 fps
Ingress Protection	IP66	IP66	IP66	IP66	IP66
Pan/Tilt	Pan: 360° Continuous Rotate; Tilt: From -20° to +90° (auto flip)	Pan: 360° Continuous Rotate; Tilt: From -5° to +90° (auto flip)	Pan: 360° Continuous Rotate; Tilt: From -5° to +90° (auto flip)	Pan: 360° Continuous Rotate; Tilt: From -90° to +40° (auto flip)	Pan: 360° Continuous Rotate; Tilt: From -45° to +45° (auto flip)
Audio Input	1-ch 3.5 mm Mic in/Line in interface. Line input: 2-2.4V(p-p), output impedance: 1 KΩ ± 10%	1-ch 3.5 mm Mic in/Line in interface. Line input: 2-2.4V(p-p), output impedance: 1 KΩ ± 10%	1-ch 3.5mm Mic in/Line in interface. Line input: 2-2.4V(p-p), output impedance: 1 KΩ ± 10%	1-ch 3.5 mm Mic in/Line in interface. Line input: 2-2.4V(p-p), output impedance: 1 KΩ ± 10%	1-ch 3.5 mm Mic in/Line in interface. Line input: 2-2.4V(p-p), output impedance: 1 KΩ ± 10%
Audio Output	Linear Level; Impedance: 600 Ω	Linear Level; Impedance: 600 Ω	Linear Level; Impedance: 600 Ω	Linear Level; Impedance: 600 Ω	Linear Level; Impedance: 600 Ω
Alarm Input	Up to 7-ch inputs (0-5 VDC)	Up to 7-ch inputs (0-5 VDC)	Up to 7-ch input (0-5 VDC)	Up to 7-ch inputs (0-5 VDC)	Up to 7-ch inputs (0-5 VDC)
Alarm Output	2-ch relay outputs, alarm response actions configurable	2-ch relay outputs, alarm response actions configurable	2-ch relay outputs, alarm response actions configurable	2-ch relay outputs, alarm response actions configurable	2-ch relay outputs, alarm response actions configurable
Power	24 VAC ± 25%	24 VAC ± 25%	24 VAC ± 20%: 0.88 A, max. 30 W 48 VDC ± 20%: 0.625 A, max. 30 W	24 VAC ± 25%	48 VDC, 220 W
Environmental Requirement	From -40 °C to 65 °C (-40 °F to 149 °F); Humidity: 95% or less	From -40 °C to 65 °C (-40 °F to 149 °F); Humidity: 90% or less	From -40°C to 65°C (-40°F to 149°F); Humidity: 95% or Less	From -40 °C to 65 °C (-40 °F to 149 °F); Humidity: 90% or less	From -40 °C to 65 °C (-40 °F to 149 °F); Humidity: 95% or less
VCA	Line Crossing, Intrusion, Region Entrance, Region Exiting	Line Crossing, Intrusion, Region Entrance, and Region Exiting	Line Crossing, Intrusion, Region Entrance, Region Exiting	Line Crossing, Intrusion, Region Entrance, Region Exiting	Line Crossing, Intrusion, Region Entrance, Region Exiting
Fire Detection	Dynamic fire detection, up to 10 fire points detectable.	Dynamic fire detection, up to 10 fire points detectable.	Dynamic fire detection, up to 10 fire points detectable.	Dynamic fire detection, up to 10 fire points detectable.	Dynamic fire detection, up to 10 fire points detectable.
Temperature Measuring Range	-20° C to 150° C (-4 °F to +302°F)	-20 °C to +150 °C (-4 °F to +302 °F)	-20°C to 150°C (-4°F to 302°F)	-20° C - 150° C (-4 °F to +302°F)	-20° C - 150° C (-4 °F to +302°F)
Temperature Accuracy	± 8 °C (± 14.4 °F)	± 8 °C (± 14.4 °F)	± 8°C (±14.4°F)	± 8 °C (± 14.4 °F)	± 8 °C (± 14.4 °F)

Thermography Group Products

Any Moment, Any Condition

Hikvision's Thermographic Cameras have been used widely for temperature detection in regions of interest, inspection on potential heat sources, and failure detection in noncontact electromechanical systems. They meet high demands for substations, hydropower stations, waste treatment plants, manufacturing workshops, and similar applications.

- › Accurate temperature measurement, up to ± 2 °C (± 3.6 °F) or ± 2 %
- › 24/7 real-time measurement with instant alarms on temperature anomalies
- › Deep learning algorithm reduces false alarms from forklifts, shadows, etc.
- › Various types of measuring rules for detection and recording flexibility
- › Continuous and consistent temperature data



Model	DS-2TD2637T-70Y/100Y/150Y	DS-2TD2667T-15/P	DS-2TD2528T-30/50/70/100	DS-2TD2537T-100/150	DS-2TD4228T-10/W
Image	 Anti-corrosion		 Explosion-proof	 Explosion-proof	
Thermal Camera Sensor	Vanadium Oxide Uncooled Focal Plane Arrays	Vanadium Oxide Uncooled Focal Plane Arrays	Vanadium Oxide Uncooled Focal Plane Arrays	Vanadium Oxide Uncooled Focal Plane Arrays	Vanadium Oxide Uncooled Focal Plane Arrays
NETD	< 35 mK (25°C, F1.0)	< 35 mk (@25°C,F#=1.0)	< 40 mk (@ 25°C), F# = 1.0	< 35 mk (@ 25°C), F# = 1.0	≤ 35 mK (@25°C,F# = 1.0)
Pixel Pitch (Thermal)	17 μm	17 μm	12 μm	17 μm	12μm
Max. Resolution (Thermal)	384 × 288	640 × 512	256 × 192	384 × 288	256 × 192
Thermal Lens	Thermal: 6.5 or 9.7 or 15 mm Optical: 4, 4 or 6 mm	15mm	Thermal: 3.5, 7 or 10 mm Optical: 4, 6 or 8 mm	Thermal: 10 or 15 mm Optical:4mm	Thermal: 10mm Optical: 4.8-153mm, 32x
Optical Camera Sensor	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS
Max. Resolution (Optical)	2688 × 1520	2688 × 1520	2688 × 1520	2688 × 1520	2688 × 1520, 4 MP
Min. Illumination	0.0089Lux @(F1.6,AGC ON) ,0 Lux with IR	Colour: 0.0089 Lux @(F1.6, AGC ON), B/W: 0.0018 Lux @(F1.6, AGC ON)	Colour: 0.05 Lux @ (F1.6, AGC ON), B/W: 0.01 Lux @ (F1.6, AGC ON)	Colour: 0.05 Lux @ (F1.6, AGC ON), B/W: 0.01 Lux @ (F1.6, AGC ON)	Colour: 0.05 lux @ (F1.2, AGC On) B/W: 0.01 lux @ (F1.2, AGC On)
Field of View (Thermal)	7mm:60° × 44.1° 10mm:84° × 44.8° 15mm:24.5° × 18.5°	15 mm: 24.5° × 18.5°	3mm:50.0° × 37.3° 7mm:24.9° × 18.7° 10mm:24.9° × 18.7°	10mm:37.9° × 28.7° 15mm:24.2° × 18.4°	10mm: 18° × 13.5°
Video Compression	H.265/H.264/MJPEG	H.265/H.264/MJPEG	H.265/H.264/MJPEG	H.265/H.264/MJPEG	H.265+/H.265/H.264+/ H.264/MJPEG
Frame Rate	25 fps	25 fps	25 fps	25 fps	50fps
Ingress Protection	IP67	IP67	IP68	IP68	IP66
Pan/Tilt	/	/	/	/	Pan: 360° Continuous Rotate; Tilt: From -5° to +90° (auto flip)
Audio Input	1, 3.5 mm Mic in/Line in interface Line input: 2 - 2.4 V [p-p], output impedance: 1 KΩ ± 10%	1-ch 3.5mm Mic in/Line in interface. Line input: 2-2.4 V[p-p], output impedance: 1 KΩ ± 10%	1 3.5mm Mic in/Line in interface. Line input: 2 to 2.4 V[p-p], output impedance:1 KΩ ± 10%	1 3.5mm Mic in/Line in interface. Line input: 2 to 2.4 V[p-p], output impedance:1 KΩ ± 10%	1-ch 3.5mm Mic in/Line in interface. Line input: 2-2.4V[p-p], output impedance: 1 KΩ ± 10%
Audio Output	Linear level, impedance: 600 Ω	Line level, impedance: 600 Ω	Linear Level; Impedance: 600 Ω	Linear Level; Impedance: 600 Ω	Linear Level; Impedance: 600 Ω
Alarm Input	2, alarm input (0-5 VDC)	2-ch input (0-5 VDC)	2-ch inputs (0 to 5 VDC)	2-ch inputs (0 to 5 VDC)	Up to 7-ch input (0-5 VDC)
Alarm Output	2, alarm output (alarm response actions configurable)	2-ch relay output, supports Alarm Linkage	2-ch relay outputs, alarm response actions configurable	2-ch relay outputs, alarm response actions configurable	2-ch relay outputs, alarm response actions configurable
Power	24 VAC ± 25%, 12 VDC ± 25% PoE (802.3af)	12 VDC ± 20% PoE (802.3af) 24 VAC ± 25%	100 to 240 VAC, 36 to 57 VDC, PoE (802.3af)	100 to 240 VAC, 36 to 57 VDC, PoE (802.3af)	24 VAC ± 20%: 0.88 A, max. 30 W 48 VDC ± 20%: 0.625 A, max. 30 W
Environmental Requirement	Temperature: -40°C to 65°C (-40°F to 149°F) Humidity: 95% or less	From -40 ° C to 65 ° C (-40 ° F to 149 ° F); Humidity: 90% or less	-40°C to 60°C (-40°F to 140°F), 90% or less	-40°C to 60°C (-40°F to 140°F), 90% or less	From -40°C to 65°C (-40°F to 149°F); Humidity: 95% or Less
VCA	line crossing, intrusion, region entrance, and region exiting	Line Crossing, Intrusion, Region Entrance, Region Exiting	Line Crossing, Intrusion, Region Entrance, and Region Exiting	Line Crossing, Intrusion, Region Entrance, and Region Exiting	Line Crossing, Intrusion, Region Entrance, Region Exiting
Fire Detection	Dynamic fire detection, up to 10 fire points detectable.	Dynamic fire detection, up to 10 fire points detectable.	Dynamic fire detection, up to 10 fire points detectable.	Dynamic fire detection, up to 10 fire points detectable.	Dynamic fire detection, up to 10 fire points detectable.
Temperature Mesuring Range	- 20 °C to 550 °C (- 4 °F to 1022 °F)	-20° C to 550° C (-4 °F to +1022°F)	-20°C to 550°C (-4°F to 1,022°F)	-20°C to 550°C (-4°F to 1,022°F)	-20° C to 550° C (-4 °F to 1022°F)
Temperature Accuracy	Max (± 2 °C, ± 2 %)	Max (±2°C, ±2%)	Max. (± 2°C, ± 2%)	Max. (± 2°C, ± 2%)	Max (±2°C, ±2%)

Model	DS-2TD4237T-10/V2	DS-2TD4137T-9/-25/W(B)	DS-2TD4167T-9/-25/W(B)	DS-2TD5537T-W	DS-2TD6267T-25H4LW/50H4LW	DS-2TD6567T-25/-50/H4LX/W
Image						 Explosion-proof
Thermal Camera Sensor	Vanadium Oxide Uncooled Focal Plane Arrays	Vanadium Oxide Uncooled Focal Plane Arrays	Vanadium Oxide Uncooled Focal Plane Arrays	Vanadium Oxide Uncooled Focal Plane Arrays	Vanadium Oxide Uncooled Focal Plane Arrays	Vanadium Oxide Uncooled Focal Plane Arrays
NETD	< 40 mK (@25°C,F#=1.0)	≤ 35 mK (@25°C,F# = 1.0)	≤ 35 mK (@25°C,F# = 1.0)	< 50mK(@25°C,F#=1.0)	< 35 mK (@25°C,F# = 1.1)	≤ 35 mK (@25° C,F# = 1.0)
Pixel Pitch (Thermal)	17 μm	17 μm	17 μm	17 μm	17 μm	17 μm
Max. Resolution (Thermal)	384 × 288	384 × 288 (the resolution of output image is 1920 × 1080)	640 × 512 (the resolution of output image is 1920 × 1080)	384 × 288	17 μm	640 × 512
Thermal Lens	Thermal: 10 mm Optical: 4.8-153 mm	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	Thermal: 7or 15 or 25mm Optical:5-160 mm	Thermal: 9 or 25 mm Optical: 6-240 mm	1/1.8" Progressive Scan CMOS
Optical Camera Sensor	1/2.8" Progressive Scan CMOS	2688 × 1520, 4 MP	2688 × 1520, 4 MP	1/2.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	2688 × 1520, 4MP
Max. Resolution (Optical)	1920 × 1080	Colour: 0.005 Lux @ (F1.3, AGC ON), B/W: 0.001 Lux @ (F1.3, AGC ON)	Colour: 0.005 Lux @ (F1.3, AGC ON), B/W: 0.001 Lux @ (F1.3, AGC ON)	2560 × 1440	2688 × 1520	Colour: 0.005 Lux @ (F1.3, AGC ON), B/W: 0.001 Lux @ (F1.3, AGC ON)
Min. Illumination	Colour: 0.05 lux @ (F1.2, AGC On) B/W: 0.01 lux @ (F1.2, AGC On)	Thermal: 9, 25mm Optical: 6-240 mm, 40x	Thermal: 9, 25mm Optical: 6-240 mm, 40x	Colour: 0.05 Lux @ (F1.6, AGC ON), B/W: 0.01 Lux @ (F1.6, AGC ON)	Colour: 0.005 Lux @ (F1.3, AGC ON) B/W: 0.001 Lux @ (F1.3, AGC ON)	Thermal: 25 or 50 mm Optical: 6-240mm,40x
Field of View (Thermal)	10 mm: 37.7° × 28.7°	9mm: 37.9° × 28.7° (H × V) 25mm: 14.9° × 11.2° (H × V)	9mm: 37.9° × 28.7° (H × V) 25mm: 14.9° × 11.2° (H × V)	7mm: 54.8°(H) × 42.5°(V) 15mm: 24.55°(H) × 18.54°(V) 25mm: 24.9°(H) × 20°(V)	25 mm: 24.55° × 19.75° 50 mm: 12.42° × 9.95°	25mm: 24.9° × 20° (H × V) 50mm: 12.4° × 10° (H × V)
Video Compression	H.265/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG	H.265+/H.265/H.264+/H.264/MJPEG	H.265/H.264/MJPEG	H.265/H.264/MJPEG	H.265+/H.265/H.264+/ H.264/MJPEG
Frame Rate	25 fps	50 fps	50 fps	50 fps	25 fps	25 fps
Ingress Protection	IP66	IP66	IP66	IP67	IP66	IP68
Pan/Tilt	Pan: 360° Continuous Rotate; Tilt: From -5° to +90° (auto flip)	Pan: 360° Continuous Rotate; Tilt: From -20° to +90° (auto flip)	Pan: 360° Continuous Rotate; Tilt: From -20° to +90° (auto flip)	Pan: 360° Continuous Rotate; Tilt: From -90° to +90° (auto flip)	Pan: 360° Continuous Rotate; Tilt: From -15° to +90° (auto flip)	Pan: 360° Continuous Rotate; Tilt: From -90° to +90° (auto flip)
Audio Input	1-ch 3.5mm Mic in/Line in interface. Line input: 2-2.4V(p-p), output impedance: 1 KΩ ± 10%	1, 3.5 mm Mic in/Line in interface. Line input: 2 - 2.4 V [p-p], output impedance: 1 KΩ ± 10%	1, 3.5 mm Mic in/Line in interface. Line input: 2 - 2.4 V [p-p], output impedance: 1 KΩ ± 10%	1, 3.5 mm Mic in/Line in interface. Line input: 2 to 2.4 V [p-p], output impedance: 1 KΩ ± 10%	1-ch 3.5mm Mic in/Line in interface. Line input: 2-2.4V(p-p), output impedance: 1 KΩ ± 10%	LINE_IN Input/MIC Input; Peak: From 2 to 2.4V(p-p); Output Impedance: 1KΩ±10%
Audio Output	Linear Level; Impedance: 600 Ω	Linear Level; Impedance: 600 Ω	Linear Level; Impedance: 600 Ω	Linear level, impedance: 600 Ω	Linear Level; Impedance: 600 Ω	Linear Level; Impedance: 600Ω
Alarm Input	Up to 7-ch input (0-5 VDC)	7-ch inputs (0-5 VDC)	7-ch inputs (0-5 VDC)	2-ch inputs (0 to 5 VDC)	Up to 7-ch input (0-5 VDC)	7-ch inputs (0 to 5 VDC)
Alarm Output	2-ch relay outputs, alarm response actions configurable	2-ch relay outputs, alarm response actions configurable	2-ch relay outputs, alarm response actions configurable	2-ch relay outputs, alarm response actions configurable	2-ch relay outputs, alarm response actions configurable	2-ch relay outputs, alarm response actions configurable
Power	24 VAC	24 VAC ± 25%, 24VDC, 48VDC, 24VAC ± 25%; 5 A, max. 65 W 24VDC; 2.5A, max. 65 W 48VDC; 1.25V, max. 65 W Hi-PoE (Max. 65 W)	24 VAC ± 25%, 24VDC, 48VDC, 24VAC ± 25%; 5 A, max. 65 W 24VDC; 2.5A, max. 65 W 48VDC; 1.25V, max. 65 W Hi-PoE (Max. 65 W)	DC24 V±25%	24 VAC	AC 100-240V: max. 0.6A, 75 W
Environmental Requirement	From -40° C to 65° C (-40° F to 149° F); Humidity: 90% or less	From -40° C to 65° C (-40° F to 149° F); 95% or less	From -40° C to 65° C (-40° F to 149° F); 95% or less	From -40° C to 70° C; Humidity: 90% or less	From -40° C to 65° C (-40° F to 149° ° F); Humidity: 95% or less	From -40°C to 60°C (-40°F to 140°F); Humidity: 90% or Less
VCA	Line Crossing, Intrusion, Region Entrance, Region Exiting	Support 4 VCA rule types (Line Crossing, Intrusion, Region Entrance, and Region Exiting), up to 10 scenes and 8 VCA rules for each scene	Support 4 VCA rule types (Line Crossing, Intrusion, Region Entrance, and Region Exiting), up to 10 scenes and 8 VCA rules for each scene	Support	Line Crossing, Intrusion, Region Entrance, Region Exiting	4 VCA rule types (line crossing, intrusion, region entrance, and region exiting), 10 scenes and 8 VCA rules for each scene.
Fire Detection	Dynamic fire detection, up to 10 fire points detectable.	Dynamic fire detection, up to 10 fire points detectable.	Dynamic fire detection, up to 10 fire points detectable.	Support	Dynamic fire detection, up to 10 fire points detectable.	Dynamic fire and smoke detection, up to 10 fire points and 10 smoke points detectable.
Temperature Measuring Range	-20° C to 550° C (-4° F to +1022°F)	-20° C to 550° C (-4° F to 1022° F)	-20° C to 550° C (-4° F to 1022° F)	-20° C to 550° C (-4° F to 1022°F)	-20° C to 550° C (-4° F to +1022°F)	-20° C to 550° C (-4° F to 1022° F)
Temperature Accuracy	Max (±2° C, ±2%)	Max (± 2° C, ± 2%)	Max (± 2° C, ± 2%)	Max. (± 2° C, ± 2%)	Max (±2° C, ±2%)	Max (±2° C, ±2%)

Commercial Display

60 Interactive Flat Panels

63 Digital Signage



Interactive Flat Panels





Advance Collaboration to a New Level






All Hikvision Interactive Flat Panels feature:

- > Backlight DLED technology with Pixel Pitch of 0.124(H) x 0.372(V) millimeters
- > Vivid 4K Resolution (3840 x 2160) at 60Hz
- > Brightness of 350 nits, making it effective for most viewing scenarios
- > Viewing Angle of 178°(H)/178°(V), providing wide-angle viewing from various angles
- > 10 bit Colour Depth delivers rich and accurate colour
- > Contrast Ratio is 1,200:1, ensuring that the image will be clear and vibrant
- > Response Time of 6 ms, which is quick enough for most applications
- > Colour Gamut is 90% NTSC (CIE1931) (Typ.), providing a good balance between colour accuracy and saturation
- > B and D versions come with a built-in microphone and camera module
- > C and D versions have an additional Type-C interface



Model	DS-D5B65RB/A	DS-D5B75RB/A	DS-D5B86RB/A	
Image				
	Input Interface	HDMI IN × 2, MAX 4K @ 60 Hz, LINE IN × 1	HDMI IN × 2, MAX 4K @ 60 Hz, LINE IN × 1	HDMI IN × 2, MAX 4K @ 60 Hz, LINE IN × 1
Interface	Output Interface	HDMI OUT × 1, MAX 4K @ 60 Hz, LINE OUT × 1	HDMI OUT × 1, MAX 4K @ 60 Hz, LINE OUT × 1	HDMI OUT × 1, MAX 4K @ 60 Hz, LINE OUT × 1
	Control Interface	RS-232 × 1	RS-232 × 1	RS-232 × 1
	Power Consumption	< 250 W (full load)	< 300 W (full load)	< 420 W (full load)
Power	Power Requirement	0.5 W	0.5 W	0.5 W
	Operating Temperature	0 °C-40 °C	0 °C-40 °C	0 °C-40 °C
Working Environment	Operating Humidity	10%-90% RH	10%-90% RH	10%-90% RH
	Dimension (W×H×D)	1507 × 905 × 86 mm	1718× 1021 × 87.5 mm	1963× 1159 × 87.5 mm
Built-in System	Operation System	Android 8.0		
	Storage	3GB RAM + 32GB ROM		
	CPU	4 Cores A73×2 + A53×2, 1.5 GHz		
Touch	Touch Point	20 points		
Interface	Data Transmission Interface	USB 3.0 × 2 + USB 2.0 × 2 + TOUCH-USB × 1		
	Wi-Fi Projection	HikShare: for Windows/Mac/Android/iOS 1,080P@30Hz; No sound when the signal source is Android device; Max. 4 projection signal sources projecting simultaneously;		
Projection	AirPlay Projection	1,080P@30Hz		
	Cable Projection	HDMI 4K@60Hz		
	Grouped Display	Support		
	Reverse Projection	Support		
	Expansion Mode	Support		

Model	DS-D5B65RB/B	DS-D5B75RB/B	DS-D5B86RB/B	DS-D5B65RB/C
Image				
Interface	Input Interface	HDMI IN × 2, MAX 4 K @ 60 Hz, LINE IN × 1	HDMI IN × 2, MAX 4 K @ 60 Hz, LINE IN × 1	HDMI IN × 2, MAX 4 K @ 60 Hz, LINE IN × 1
	Output Interface	HDMI OUT × 1, MAX 4K @ 60 Hz, LINE OUT × 1	HDMI OUT × 1, MAX 4K @ 60 Hz, LINE OUT × 1	HDMI OUT (HDMI 2.0) × 1, MAX 4K @60 Hz, LINE OUT × 1
	Control Interface	RS-232 × 1	RS-232 × 1	RS-232 × 1
Power	Power Consumption	< 250 W (full load)	< 300 W (full load)	≤ 320 W (full load)
	Power Requirement	0.5 W	0.5 W	0.5 W
Working Environment	Operating Temperature	0 °C-40 °C	0 °C-40 °C	0 °C-40 °C
	Operating Humidity	10%-90% RH	10%-90% RH	10% to 90% RH
General	Dimension (W×H×D)	1507 × 930 × 86 mm	1718× 1021 × 87.5 mm	1507 × 930 × 86 mm
Built-in System	Operation System	Android 8.0		
	Storage	3GB RAM + 32GB ROM		
	CPU	4 Cores A73×2 + A53×2, 1.5 GHz		
Touch	Touch Point	20 points		
Interface	Data Transmission Interface	USB 3.0 × 2 + USB 2.0 × 2 + TOUCH-USB × 1		
Projection	Wi-Fi Projection	HiKShare: for Windows/Mac/Android/iOS 1,080P@30Hz; No sound when the signal source is Android device; Max. 4 projection signal sources projecting simultaneously;		
	AirPlay Projection	1,080P@30Hz		
	Cable Projection	HDMI 4K@60Hz		
	Grouped Display	Support		
	Reverse Projection	Support		
	Expansion Mode	Support		
				USB 3.0 × 2 on the front panel USB 3.0 × 2 one the rear panel Full-function Type-C × 1 on the front panel; 65W charging power, projection, data transmission Touch-USB × 1 on the rear panel WonderCast: for Windows/Mac/Android/iOS 4K@30Hz; No sound when the signal source is Android device; Max. 4 projection signal sources projecting simultaneously;






Model	DS-D5B75RB/C	DS-D5B86RB/C	DS-D5B65RB/D	DS-D5B75RB/D	DS-D5B86RB/D	
Image						
	Input Interface	HDMI IN × 2, MAX 4K @30 Hz, LINE IN × 1	HDMI IN × 2, MAX 4K @30 Hz, LINE IN × 1	HDMI IN × 2, MAX 4K @ 60 Hz, LINE IN × 1	HDMI IN × 2, MAX 4K @30 Hz, LINE IN × 1	HDMI IN × 2, MAX 4K @30 Hz, LINE IN × 1
Interface	Output Interface	HDMI OUT (HDMI 2.0) × 1, MAX 4K @60 Hz, LINE OUT × 1	HDMI OUT (HDMI 2.0) × 1, MAX 4K @60 Hz, LINE OUT × 1	HDMI OUT (HDMI 2.0) × 1, MAX 4K @60 Hz, LINE OUT × 1	HDMI OUT (HDMI 2.0) × 1, MAX 4K @60 Hz, LINE OUT × 1	HDMI OUT (HDMI 2.0) × 1, MAX 4K @60 Hz, LINE OUT × 1
	Control Interface	RS-232 × 1	RS-232 × 1	RS-232 × 1	RS-232 × 1	RS-232 × 1
Power	Power Consumption	≤ 370 W (full load)	≤ 490 W (full load)	≤ 320 W (full load)	≤ 370 W (full load)	≤ 490 W (full load)
	Power Requirement	0.5 W	0.5 W	0.5 W	0.5 W	0.5 W
Working Environment	Operating Temperature	0 °C-40 °C	0 °C-40 °C	0 °C-40 °C	0 °C-40 °C	0 °C-40 °C
	Operating Humidity	10% to 90% RH	10% to 90% RH	10% to 90% RH	10% to 90% RH	10% to 90% RH
General	Dimension (W×H×D)	1718 × 1046 × 87.5 mm	1963 × 1159 × 87.5 mm	1507 × 930 × 86 mm	1718 × 1046 × 87.5 mm	1963 × 1159 × 87.5 mm
Built-in System	Operation System	Android 11.0				
	Storage	4GB RAM + 64GB ROM				
	CPU	6 Cores: A72*2 + A53*4, 1.8 GHz				
Touch Point	Touch Point	45 points				
Interface	Data Transmission Interface	USB 3.0 × 2 on the front panel USB 3.0 × 2 one the rear panel Full-function Type-C × 1 on the front panel: 65W charging power, projection, data transmission Touch-USB × 1 on the rear panel				
Projection	Wi-Fi Projection	WonderCast: for Windows/Mac/Android/iOS 4K@30Hz; No sound when the signal source is Android device; Max. 4 projection signal sources projecting simultaneously;				
	AirPlay Projection	1,080P@30Hz				
	Cable Projection	HDMI and Type-C 4K@60Hz				
	Grouped Display	No				
	Reverse Projection	Support				
	Expansion Mode	Support				

Digital Signage

Smart Advertising, Intelligent Promotion

- › 4K Display
- › External signal inputs
- › Flexible and efficient advisement display and management
- › Ready-to-go design templates
- › Cross-network management
- › Environmentally-friendly “green” advertising
- › Multiple applications to suit various business scenarios



Model	DS-D60C-B	DS-D6043UN-B	DS-D6055UN-B	DS-D6043UL-B/S	DS-D6055UL-B/S	
Image						
Display	Screen Size	-	43 inch	55 inch	43 inch	55 inch
	Screen Active Zone	-	941.184 (H) mm × 529.416 (V) mm	1209.6 (H) mm × 680.4 (V) mm	1209.6(H) × 680.4(V) mm	941.184(H)mm x 529.416(V)mm
	Backlight	-	D-LED	D-LED	D-LED	DLED
	Pixel Pitch	-	0.2451 (H) mm × 0.2451 (W) mm	0.315 (H) mm × 0.315 (V) mm	0.315(H) x 0.315(V)mm	0.2451(H) mm x 0.2451(V)mm
	Resolution	1920 x 1080p @ 30 Hz, 1920 x 1080p @ 50 Hz, 1920 x 1080p @ 60 Hz, 1280 x 720p @ 30 Hz, 1280 x 720p @ 50 Hz, 1280 x 720p @ 60 Hz, 3840 x 2160p @ 30 Hz, 3840 x 2160p @ 50 Hz, 3840 x 2160p @ 60 Hz (YCbCr420), 3840 x 2160p @ 60 Hz, 3840 x 2160p @ 50 Hz (YCbCr420)	3840 × 2160	3840 × 2160	3840 × 2160	3840 × 2160
	Brightness	-	500 cd/m ²	500 cd/m ²	500 cd/m ²	500 cd/m ²
	Visual Angle	-	Horizontal: 178°, Vertical: 178°	Horizontal: 178°, Vertical: 178°	Horizontal: 178°, Vertical: 178°	Horizontal: 178°, Vertical: 178°
	Colour Depth	-	10 bit (8bit+FRC)	10 bit, 1.07B	8bit+FRC	1.07B(8 Bits+FRC)
	Contrast	-	1200:1	4000:01:00	5700:1	5000:1
	Response Time	-	8 ms	8 ms	6.5 ms	6.5 ms
	Refresh Rate	-	60 Hz	60 Hz	60 Hz	60 Hz
Colour Gamut	-	72% NTSC	72% NTSC	72% NTSC	72% NTSC	
Built-in System	CPU	4-core Cortex-A17	Cortex-A17, 4-core, 1.6 GHz	Cortex-A17, 4-core, 1.6 GHz	Cortex-A17, 4-core, 1.6 GHz	Cortex-A17, 4-core, main frequency 1.6 GHz
	Memory	2 GB	2 GB	2 GB	2 GB	2 GB
	Built-in Storage	8 GB EMMC	16 GB EMMC	16 GB EMMC, 32 GB Micro SD Card	16 GB EMMC	16 GB EMMC
Interface	Video & Audio Output	1 x AUDIO 1 x HDMI	LINE OUT × 1	AUDIO OUT × 1, 5W Speaker × 2	AUDIO OUT × 1, 5W Speaker × 2	AUDIO OUT × 1
	Network Interface	1 × LAN	1 x LAN, Wi-Fi	1 x LAN, Wi-Fi	1 x LAN, Wi-Fi	AUDIO IN × 1, HDMI IN × 2, VGA IN × 1
	Data Transmission Interface	2 x USB 2.0 interface	USB 2.0 × 2, Micro SD Card X1 BT × 1	USB 2.0 × 2, Micro SD Card × 1, BT 4.0 × 1	2 x USB, 1 x Micro SD Card, BT 4.2	USB 2.0 × 2, BT 4.2 × 1, Micro SD Card x1
General	Power	12 VAC, 2 A	100 to 240 VAC, 50 or 60 Hz	100 to 240 VAC, 50 or 60 Hz	100 to 240VAC, 50/60 Hz	100 to 240 VAC, 50/60 Hz
	Power Consumption	≤ 20 W	≤ 110 W	≤ 200 W	≤ 150 W	≤ 150W
	Standby Consumption	≤ 1 W	≤ 0.5 W	≤ 0.5 W	<0.5W	≤ 0.5 W
	Working Temperature	0 °C to 50 °C (32 °F to 122 °F)	0 °C to 40 °C (32 °F to 104 °F)	0 °C to 40 °C (32 °F to 104 °F)	0 °C to 40 °C (32 °F to 104 °F)	0 °C to 40 °C (32 °F to 104 °F)
	Working Humidity	10% to 90%	10% to 80% RH (Condensation)	10% to 80% RH	0% to 90%	10%-80% RH
	Product Dimensions	145 x 145 x 31.89 mm	967.18 mm × 555.42 mm × 72.44 mm	1237.2 mm × 708 mm × 83.44 mm	1962.7 (H) × 738 (V) × 450 (D) mm	585.14 mm × 1705.79 mm × 55 mm
	Packing Dimensions	188 x 176 x 101 mm	1172 mm × 703 mm × 192 mm	1403 mm × 856 mm × 217 mm	2100 (H) × 916 (V) × 303 (D) mm	1935 mm× 765 mm × 303 mm
Weight	Net weight: 0.6 kg (1.3 lb.) Rough weight: 0.65 kg (1.4 lb.)	Net weight: 11.39 kg (25.11 lb.) Gross weight: 14.75 kg (35.52 lb.)	Net weight: 19.2 kg (42.33 lb.) Gross weight: 24.53 kg (54.08 lb.)	Net weight: 66.190 kg (145.92 lb.) Gross weight: 81.190 kg (178.99 lb.)	Net weight: 48.46 kg (106.84 lb.) Gross weight: 63.46 kg (139.91 lb.)	

Decoder



Decoder

Dynamic and Secure Video Stream

- > Multiple output interfaces
- > Supports various video compression formats
- > Decoding capability up to 128-ch 1080p
- > Supports splicing, cross-window, division, and roaming modes
- > Video wall controlling up to 16 screens



Model	DS-6901UDI	DS-6904UDI(B)	DS-6908UDI(B)	DS-6916UDI(B)
Image				
Video Stream Format Supported	H.265+/H.265, H.264+/H.264, Hik264, MPEG4 and MJPEG	H.265+/H.265, H.264+/H.264, Hik264, MPEG4 and MJPEG	H.265+/H.265, H.264+/H.264, Hik264, MPEG4 and MJPEG	H.265+/H.265, H.264+/H.264, Hik264, MPEG4 and MJPEG
Audio Stream Format Supported	G.722, G711A, G726, G711U, MPEG2-L2, and AAC	G.722, G711A, G726, G711U, MPEG2-L2, and AAC	G.722, G711A, G726, G711U, MPEG2-L2, and AAC	G.722, G711A, G726, G711U, MPEG2-L2, and AAC
Decoding Capability	12 MP @ 20 fps: 2-ch 8 MP @ 30 fps: 4-ch 5 MP @ 30 fps: 6-ch 3 MP @ 30 fps: 10-ch 1080p @ 30 fps: 16-ch	12 MP @ 20 fps: 4-ch 8 MP @ 30 fps: 8-ch 5 MP @ 30 fps: 12-ch 3 MP @ 30 fps: 20-ch 1080p: 36-ch 720p: 72-ch	12 MP @ 20 fps: 8-ch 8 MP @ 30 fps: 16-ch 5 MP @ 30 fps: 24-ch 3 MP @ 30 fps: 40-ch 1080p @ 30 fps: 64-ch	12 MP @ 20 fps: 16-ch 8 MP @ 30 fps: 32-ch 5 MP @ 30 fps: 48-ch 3 MP @ 30 fps: 80-ch 1080p @ 30 fps / 3 Mbps: 128-ch
Split Screen	1/4/6/8/9/12/16	1/2/4/6/8/9/12/16/25/36	1/4/6/8/9/12/16/25/36	1/4/6/8/9/12/16/25/36
VGA Output	1080p: 1920 × 1080 @ 50/60 Hz WSXGA: 1680 × 1050 @ 60 Hz SXGA: 1280 × 1024 @ 60 Hz 720p: 1280 × 720 @ 50/60 Hz	-	-	-
BNC Output	1-ch	-	-	-
HDMI Output	PAL: 704 × 576, NTSC: 704 × 480	PAL: 704 × 576, NTSC: 704 × 480	PAL: 704 × 576, NTSC: 704 × 480	PAL: 704 × 576, NTSC: 704 × 480
	1-ch	2-ch, 1-ch DB15	4-ch, 1-ch DB15	8-ch, 2-ch DB15
	4K: 3840 × 2160@30 Hz (only for odd interface), 1080p: 1920 × 1080@50/60 Hz, 720p: 1280 × 720@50 Hz/60 Hz			
Video Input	1-ch	4-ch	8-ch	16-ch
	VGA, DVI-I: 1080p: 1920 × 1080@50/60 Hz, 720p: 1280 × 720@50 Hz/60 Hz	4K: 3840 × 2160@30 Hz (only for HDMI), 1080p: 1920 × 1080@50/60 Hz, 720p: 1280 × 720@50 Hz/60 Hz	VGA, DVI-I: 1080p: 1920 × 1080@50/60 Hz, 720p: 1280 × 720@50 Hz/60 Hz	VGA, DVI-I: 1080p: 1920 × 1080@50/60 Hz, 720p: 1280 × 720@50 Hz/60 Hz
	HDMI × 1, VGA × 1, BNC × 1	1-ch, HDMI connector; 1-ch, DVI-I connector	1-ch, VGA connector; 1-ch, DVI-I connector	1-ch, VGA connector; 1-ch, DVI-I connector
CVBS Output	-	-	-	-
Audio Output	1-ch	4 (DB15 × 1)	8 (DB15 × 1)	16 (DB15 × 2)
Network Interface	1 (10/100/1000 Mbps self-adaptive Ethernet interface)	RJ45 interface × 1, 10/100/1000 Mbps adaptive Optic interface × 1, 100 base-FX/1000 base-X An RJ45 interface and an optic interface form a combo.	RJ45 interface × 2, 10/100/1000 Mbps adaptive Optic interface × 2, 100 base-FX/1000 base-X An RJ45 interface and an optic interface form a combo.	RJ45 interface × 2, 10/100/1000 Mbps adaptive Optic interface × 2, 100 base-FX/1000 base-X An RJ45 interface and an optic interface form a combo.
Serial Interface	1 RS-232 (RJ45), 1 RS-485	1 RS-232 (RJ45), 1 RS-485	1 RS-232 (RJ45), 1 RS-485	1 RS-232 (RJ45), 1 RS-485
Two-Way Audio In	1-ch, 3.5 mm connector (2.0 Vp-p, 1 KΩ)	-	1-ch, 3.5 mm connector (2.0 Vp-p, 1 KΩ)	1-ch, 3.5 mm connector (2.0 Vp-p, 1 KΩ)
Two-Way Audio Out	1-ch, 3.5 mm connector (2.0 Vp-p, 1 KΩ)	-	1-ch, 3.5 mm connector (2.0 Vp-p, 1 KΩ)	1-ch, 3.5 mm connector (2.0 Vp-p, 1 KΩ)
Alarm In	8	-	8	8
Alarm Out	8	-	8	8
Dimensions (W×D×H)	220 mm × 148 mm × 45 mm (8.66 inch × 5.83 inch × 1.77 inch)	440 mm × 320.8 mm × 44.5 mm (17.32 inch × 12.63 inch × 1.75 inch)	440 mm × 320.8 mm × 44.5 mm (17.32 inch × 12.63 inch × 1.75 inch)	440 mm × 321 mm × 88 mm (17.32 inch × 12.64 inch × 3.46 inch)

Software

69 HikCentral Professional

71 HikCentral Connect

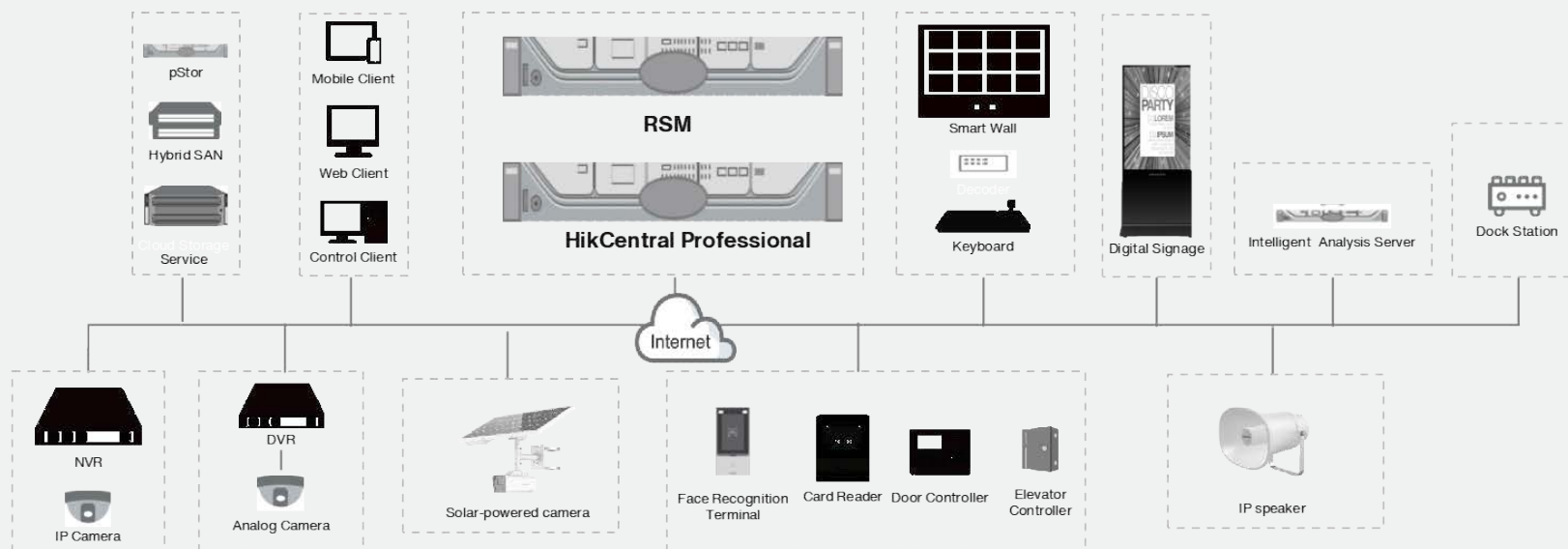


HikCentral Professional

Versatile Security in One Platform

HikCentral Professional, Hikvision's software platform for integrating and managing security systems, is designed to meet a variety of security challenges in one place. With this advanced platform, users can manage individual systems such as video security, access control, security alarms, and more, as well as explore cross-system functionalities. While facilitating protection of people and property, HikCentral Professional makes daily operations more efficient and helps users of all kinds make smarter decisions.

- **Simplifies Deployment and Maintenance** – With a minimum system requirement of Intel i3 CPU and 8 GB RAM, you can have your own security platform deployed with limited hardware cost. Moreover, maintenance of the whole system is much easier with visualized health monitoring in real time.
- **Facilitates Hassle-free Integration** – Through an open architecture design and a series of highly adaptive OpenAPI interfaces, you will enjoy hassle-free integration with a wide range of third-party systems such as ARC and payroll systems.
- **Streamlines Operations and Management** – With situational awareness powered by informative dashboards and interactive E-maps, optimal approaches advised by operation wizards, and the flexibility of a user-defined control panel, you will make smarter decisions fluidly and efficiently.
- **Scales as Business Grows** – By virtue of a flexible and scalable architecture, the platform can be scaled as your business needs evolve. You can expand it from a small 32-channel, 4-door system to an ultra-large-scale system that links up to 100,000 channels of equipment (under the RSM mode).



Software	
System Architecture	Server / Web Client / PC Client / Mobile APP
OS	Microsoft® Windows 7 SP1 (64-bit) Microsoft® Windows 8.1 (64-bit) Microsoft® Windows 10 (64-bit) Microsoft® Windows Server 2008 R2 SP1 / 2012 / 2012 R2 / 2016 / 2019 (64-bit)
Browser	Internet Explorer 10/11 and above
	Chrome 61 and above
	Firefox 57 and above
	Safari 11 and above (running on Mac OS X 10.3/10.4)
Database	PostgreSQL V11.8
Supported Language	29 languages:English, 简体中文 (Simplified Chinese),Русский(Russian),Български (Bulgarian),Magyar(Hungarian),Deutsch(German),Italiano (Italian),Čeština (Czech),Français (French),Polski (Polish),Nederlands (Dutch),Português (Portuguese),Español (Spanish),Dansk (Danish),Suomi(Finnish),Türkçe(Turkish),한국어 (Korean), 繁體中文 (Traditional Chinese),ภาษาไทย (Thai),Tiếng Việt(Vietnamese), 日本語 (Japanese), العربية (Arabic),Українська(Ukrainian), עברית (Hebrew),Srpski (Serbian), Bahasa Malaysia (Malaysia), Português (Brasil) (Brazilian Portuguese), Svenska (Swedish)
Hardware	
CPU	Intel® Core™ i5-4590 @ 3.30 GHz
Memory	8 GB
HDD	At least 650 GB

HikCentral Professional Maximum Performance		
General	Managed Devices	General Performance: 1,024①
		High Performance: 2,048②
Users and Roles	Areas	3,000
	Users	3,000
	Roles	3,000
Person	Persons	50,000
	Cards	250,000
	Fingerprints	100,000
	Profiles	50,000
Video Security	Cameras	General Performance: 3,000①
		High Performance: 10,000②
		High Performance (RSM): 100,000
Face Comparison	Decoding Devices	32
	Smart Walls	32
	Persons with Profiles for Face Comparison	1,000,000
Access Control	Face Comparison Groups	64
	Access Points (Doors + Floors)	1,024
Visitor	Access Schedules	32
	Visitors	100,000
	Shift Schedules	128
Time & Attendance	Persons for Time and Attendance	10,000
	Attendance Reports	16
Vehicle and Parking	Parking Lots	10
	Parking Spaces	Total: 3,000 In One Floor: 1,024
	Lanes	Total: 40 In One Parking Lot: 32
	Cards Linked with Vehicles	250,000
	Vehicles	500,000
	Vehicle Passing Frequency in Each Lane	1 Vehicle/s
Alarm	Alarms	60 million
	Alarms Sent to All Clients	120/s
	Analyzers	General Performance①: 32
Security Inspection	-	High Performance②: 64
	Walk-Through Metal Detectors	General Performance①: 64
	-	High Performance②: 128
	Security Inspection Channels	General Performance①: 500
-	High Performance②: 1,000	

①: The general performance requires Intel® Xeon® E3-1220 or higher.
 ②: The high performance requires Intel® Xeon® E5-2620 or higher.

HikCentral Connect

Connected Security, Ready to Go

HikCentral Connect—Hikvision's VSaaS platform for unified security management with boosted flexibility, scalability, and cost-effectiveness—is ready to take your business to the next level! For property owners and business managers, it's never been easier to find a tailored security solution for your premises.

- › **Remote Management**—Users take complete control of on-site security of multiple sites at any time, from anywhere.
- › **Budget Friendly**—Minimize your upfront investments and labour costs for maintaining servers via cloud-hosting infrastructure.
- › **Highly Scalable**—Lightweight and easy to scale, the platform grows in scope and size as your business grows.
- › **Secure and Reliable**—No need to worry about hardware risks and system compatibility since it is always up-to-date.
- › **Easy to Deploy**—Quickly deploy security projects without the need to install or maintain a bunch of servers.



HikCentral Connect

Connected Security, Ready to Go

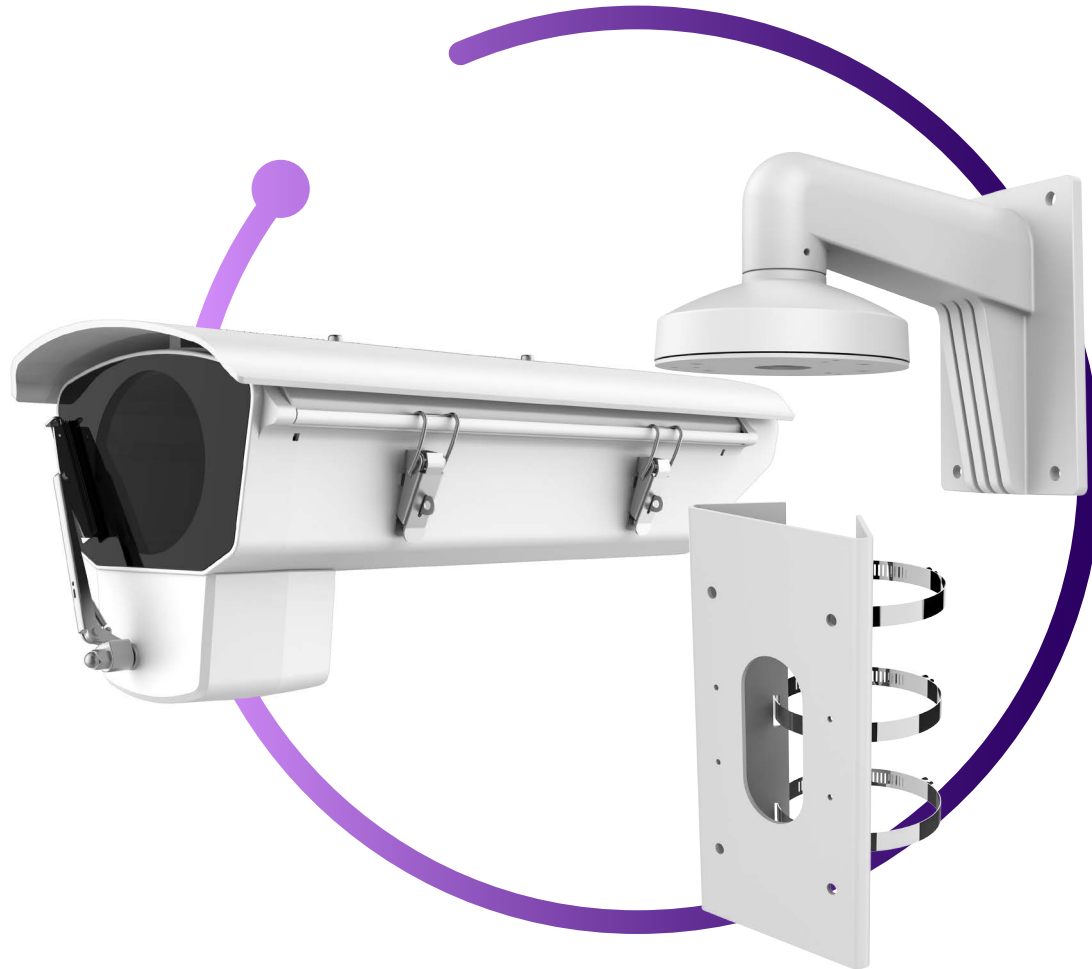


Software	
System Architecture	Web Client / Mobile APP
OS	Microsoft® Windows 7 and above
	iOS 10.0 and later
	Android 5.0 and later
Browser	Internet Explorer 11 and above
	Chrome 61 and above
	Firefox 57 and above
	Microsoft® Edge 90 and above
Database	N/A
Supported Language	18 languages: English, العربية (Arabic), 繁體中文 (Traditional Chinese), Nederlands (Dutch), Français (French), Deutsch (German), Indonesia (Indonesian), Italiano (Italian), 日本語 (Japanese), 한국어 (Korean), Polski (Polish), Português (Portugal), Português (Brazil), Русский (Russian), Español (Spanish), ภาษาไทย (Thai), Türkçe (Turkish), Tiếng Việt (Vietnamese)


HikCentral Connect Maximum Performance per System ①		
General	Encoding Devices	Unlimited
	Mobile Devices	Unlimited
	Cloud Storage Boxes	Unlimited
Users and Roles	Users	Unlimited
	Roles	Unlimited
Video Security	Video Channels	Unlimited
	Alarm Inputs	Unlimited
	Alarm Outputs	Unlimited
	Recording Schedules	Unlimited
Vehicle	Vehicle Route Retention Period	6 months
	Alarms Rules	20,000
	Arming Schedule Templates	Unlimited
Alarm	Alarm Record Storage	Unlimited
	Alarm Record Retention Period	6 months
	Concurrent Alarm Handling	Unlimited
	Concurrent Alarm Pushing	Unlimited
Operation Log	Retention Period of Alarm-Related Pictures	6 months
	Log Retention Period	90 days
Client Logins	Concurrent Portal Logins	Unlimited
	Concurrent Mobile Client Logins	Unlimited

①The performance of a single HikCentral Connect system can be scaled as needed.

Accessories



Camera tester

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

Pickup

	DS-2FP2020	<p>Pickup range: 70 sq.m, Audio transmission distance: 3000 m, Frequency response: 20 Hz to 20 KHz, SNR: 60 dB(1m40 dB audio tone SPL) 40 dB (10m 40 dB audio tone SPL) 1 KHz at 1 Pa, Dynamic Range: 70 dB(1 KHz at Max dB SPL)</p>
	DS-2FP4021-B	<p>Pickup Scope: 60 m2 / continuously adjustable, Gain Adjustment Scope: 30 dB/ continuous, Pickup Direction: Full Directions /360°, Frequency Response: 100 Hz to 16 KHz(1 kHz @ 94 dB SPL), Dynamic Range: 85 dB, Output Impedance: 600 Ohm unbalanced</p>



Contact Information

Toll-Free: +1-855-655-9888

Technical Support: techsupport.ca@hikvision.com

www.hikvision.ca

Follow us on social media to get the latest product and solution information



Disclaimer: This User Guide is for general information about Hikvision's NVR configuration system ["System"] only. Hikvision's warranty of the System shall be subject to Hikvision RMA policy available at <https://ca.hikvision.com/en/support-resources/warranty-rma/rma-policy-ca> where credit warranty will be voided for products with modification or alteration.

©2023 Hikvision USA Inc. and Hikvision Canada Inc. All rights reserved. Hikvision is a registered trademark of Hikvision Digital Technology Co., Ltd. in the US, Canada and other countries. All other trademarks, service marks, and product or service names are trademarks or registered trademarks of their respective owners. Product specifications and availability are subject to change without notice.