



CHANNEL PRODUCTS

Q1 2022 Guide

HIKVISION[®]

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3 year warranty

1/2/3 Series Network Camera Naming Rule

No.	1	2	3	4	5	6	7	8		9	10						
Model Name	Intelligent Identification	Hikvision Identification	Camera Identification	Series	Form	Resolution	Feature	International Identification	Upgrade Identification	Version Identification	Special Identification	Suffix	Bracket1	Bracket2	Bracket3	Bracket4	Bracket5
Detailed Description	Default: Vacant i: Intelligent network camera	DS-2: Hikvision front-end product	CD: Color camera CV: DIY series network cameras/ Wi-Fi cameras/ Consumer cameras	1: 1 series 2: 2 series 3: 3 series	0: Fixed bullet 1: Fixed dome 3: Fixed turret 4: Cube 5: Mini dome 6: Vari-focal bullet 7: Vari-focal dome T: Big fixed bullet 8: Box 9: Fisheye D: Pinhole E: Recessed mount dome F: PT dome H: Vari-focal turret U: Wi-Fi Cube Q: Wi-Fi PT camera	0: 1 MP 1: 1.3 MP 2: 2 MP 3: 3 MP 4: 4 MP 5: 5 MP 6: 6 MP 8: 8 MP	0: H.264 1: H.264 (for 1 series) H.265 (for 2/3 series) 2: H.264 3: H.265 5: Powered by DarkFighter 6: AcuSense 7: ColorVu ... 9: Reserved ... A: Reserved ... Z: Reserved	6: For International market	0: First version 1: Second version 2: Third version ...	Default: Vacant E: Economy H: Enhanced X/S: Reserved	Default: Vacant P: Panoramic T: Pigtail	I: IR (2: 2 IR LEDs; 4: 4 IR LEDs) L: White light N: Invisiable IR Z: Motorized vari-focal lens S: Interface (audio/alarm) F: SD card (only for 1 series) U: Built-in Mic M: HDMI/Metal (only for 1 series) D: non-PoE, AC/DC W*: Wi-Fi; [W: built-in antenna; W1: external antenna; W2: enhanced external antenna) /SL: Strobe light & audio alarm /**G-T: Pre-install **G storage card TLC /**G-M: Pre-install **G storage card MLC /**G-E: Install **G EMMC storage chip on board	Default: Vacant [01]: OEM1 [02]: OEM2 ...	Focal length	[0-STD]: Oversea standard [0-NEU]: Oversea neutral	Default: Vacant (BLACK): Hikvision black	Default: Vacant @: Sample /European standard /American standard
Example		DS-2	CD	2	1	2	5	6	0			ID	01	(BK)	(2.8mm)	(GN)	
DS-2CD2125G0-ID/NF(01)(BK)(2.8mm)(GN)																	

WHAT YOU SEE

Human & Vehicle Events
that Matter and
Should Receive Attention



FOCUS
and ACT

AcuSense
Technology



ACUSENSE

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

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

AcuSense technology adds a touch of intelligence to Hikvision's popular cameras and video recorders, making them perfect for an accessible and intelligent security system. Based on deep learning technology, AcuSense helps you focus on human and vehicle events in two ways: alarms will only trigger when the preset type of intrusion takes place, and video footage is sorted by target-type categories for easier searching through recorded footage. Strobe light and audio alarms serve as virtual security guards, protecting users from potential risks by warding off intruders. When emergencies occur, related videos are classified into human and vehicle categories for quick search and retrieval.

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

ColorVu
Technology



24  Hours \times 7 Full Colour Imaging

View in color,
Even in darkness

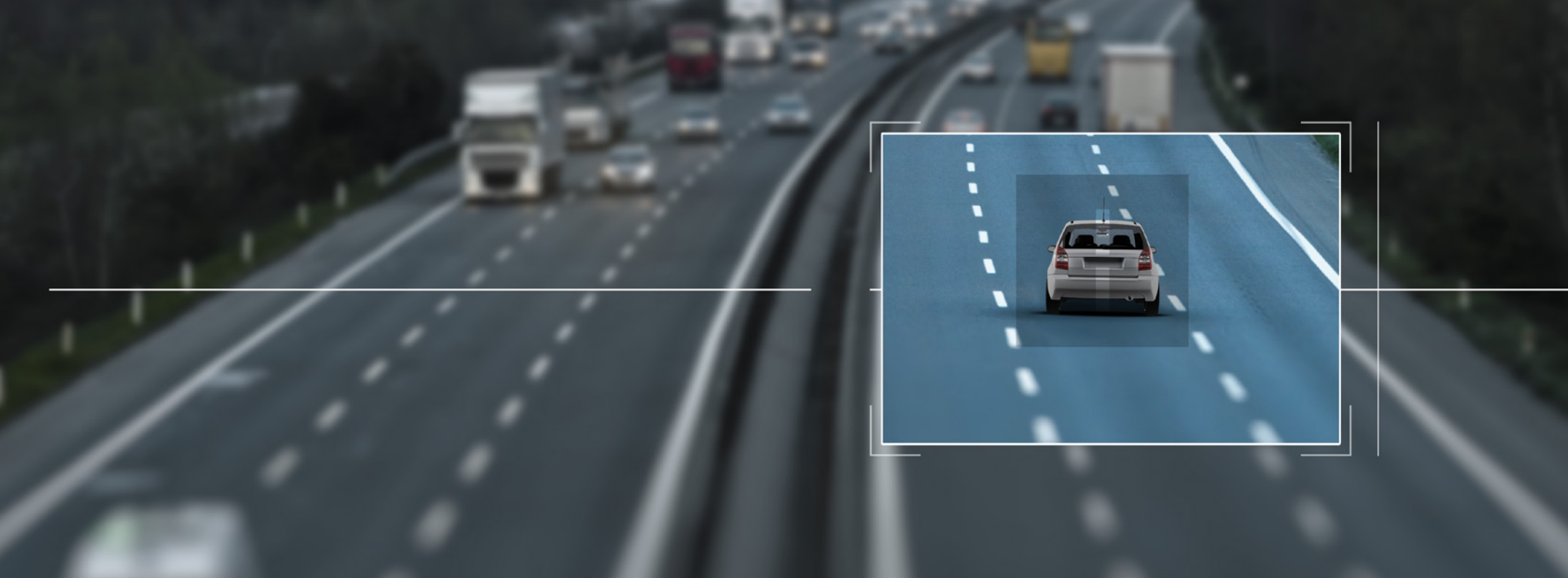
COLORVU TECHNOLOGY

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 images, but in black-and-white.

But now, imagine capturing vivid, full colour 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 utilisation of that light. The pioneering ISP algorithm produces precise colour rendition to generate accurate full colour images. Moreover, active alignment technology guarantees the focusing performance of lenses in the mass production of ultra-high definition ColorVu products, resulting in superlative quality control.

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



4K

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

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



VISUALISING YOUR CCTV NETWORK

With a Smart-Managed Switch added to the Hik-ProConnect app, you can see your complete system topology with all related devices. All devices and their network status are visible at a glance. The app will also send a notification if there is any exception, allowing you to carry out quick remote maintenance to improve work efficiency via the Hik-ProConnect app. Using the real-time port status, you can identify network risks in advance and take action, quickly locating the problematic device. You can also remotely restart a crashed device.

NETWORK CAMERAS

- 08 PRO SERIES 4.0
- 13 PRO SERIES 4.0 WITH COLORVU TECHNOLOGY

3 year warranty


















NETWORK CAMERAS PRO SERIES





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





- ▶ Hikvision ColorVu technology for 24/7 full colour imaging on select cameras
- ▶ Hikvision AcuSense technology: focus on human & vehicle targets based on deep learning algorithms
- ▶ H.265+ / H.265 codec
- ▶ Up to 4K Ultra-HD
- ▶ Powered by DarkFighter
- ▶ Efficient VCA functions
- ▶ Easy to install, set up, and manage

Model	DS-2CD2146G2-ISU	DS-2CD2186G2-ISU	DS-2CD2346G2-ISU/SL	DS-2CD2346G2-IU	DS-2CD2386G2-ISU/SL
Image					
Image Sensor	1/3" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS
Resolution	2688 × 1520 4MP	3840 × 2160 8MP	2688 × 1520 4MP	2688 × 1520 4MP	3840 × 2160 8MP
Video Compression	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG
Min. Illumination	0.003 Lux @ (F1.4, AGC ON)	0.003 Lux @ (F1.6, AGC ON)	0.003 Lux @ (F1.4, AGC ON)	0.003 Lux @ (F1.4, AGC ON)	0.003 Lux @ (F1.6, AGC ON)
WDR	120dB	120dB	120dB	120dB	120dB
Lens	2.8 mm, 4 mm	2.8 mm	2.8 mm	2.8mm, 4 mm 	2.8 mm
FOV	2.8 mm, horizontal FOV 103°, vertical FOV 55°, diagonal FOV 123°	2.8 mm, horizontal FOV 111°, vertical FOV 59°, diagonal FOV 131°	2.8 mm, horizontal FOV 103°, vertical FOV 55°, diagonal FOV 123°	2.8 mm, horizontal FOV 103°, vertical FOV 55°, diagonal FOV 123° 4 mm, horizontal FOV 83°, vertical FOV 45°, diagonal FOV 98°	2.8 mm, horizontal FOV 111°, vertical FOV 59°, diagonal FOV 131°
Max. IR Range	30 m	30 m	30 m	30 m	30 m
VCA	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection
Frame Rate	50Hz: 25fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60Hz: 30fps (2688 × 1520, 1920 × 1080, 1280 × 720)	50Hz: 25fps (3840 × 2160, 3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 60Hz: 24fps (3840 × 2160) 30fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720)	50Hz: 25fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60Hz: 30fps (2688 × 1520, 1920 × 1080, 1280 × 720)	50Hz: 25fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60Hz: 30fps (2688 × 1520, 1920 × 1080, 1280 × 720)	50Hz: 25fps (3840 × 2160, 3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 60Hz: 24fps (3840 × 2160) 30fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720)
Streams	3	3	3	3	3
Protection Level	IP67, IK10	IP67, IK10	IP67	IP67	IP67, IK10
Angle Adjustment	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°
Operating Temperature	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]	-30 °C to +60 °C [-22 °F to +140 °F]
Humidity	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)
Local Storage	256 GB	256 GB	256 GB	256 GB	256 GB
Indoor/Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Audio I/O	1 In, 1 Out (-ISU) Built-in microphone (-ISU)	1 In, 1 Out (-ISU) Built-in microphone (-ISU)	1 In, 1 Out Built-in microphone Built-in speaker	Built-in microphone (-IU)	1 In, 1 Out (-ISU) Built-in microphone (-ISU)
Alarm I/O	1 In, 1 Out (-ISU)	1 In, 1 Out (-ISU)	1 In, 1 Out	-	1 In, 1 Out (-ISU)
Power	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)

Model	DS-2CD2386G2-IU	DS-2CD2546G2-IS	DS-2CD2586G2-IS	DS-2CD2646G2-IZS
Image				
Image Sensor	1/1.8" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/2.4" Progressive Scan CMOS	1/3" Progressive Scan CMOS
Resolution	3840 × 2160 8MP	2688 × 1520 4MP	3840 × 2160 8MP	2688 × 1520 4MP
Video Compression	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG
Min. Illumination	0.003 Lux @ (F1.6, AGC ON)	0.003 Lux @ (F1.4, AGC ON)	0.003 Lux @ (F1.6, AGC ON)	0.003 Lux @ (F1.4, AGC ON)
WDR	120dB	120dB	120dB	120dB
Lens	2.8 mm, 4 mm	2.8 mm	2.8 mm	2.8 to 12 mm
FOV	2.8 mm, horizontal FOV: 110.7°, vertical FOV: 59.1°, diagonal FOV: 131°	2.8 mm, horizontal FOV 103°, vertical FOV 55°, diagonal FOV 123°	2.8 mm, horizontal FOV 105.1°, vertical FOV 53.4°, diagonal FOV 128.6°	2.8 to 12 mm, horizontal FOV 108° to 30°, vertical FOV 56° to 17°, diagonal FOV 131° to 35°
Max. IR Range	30 m	30 m	30 m	60 m
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
Frame Rate	50Hz: 25fps (3840 × 2160, 3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 60Hz: 24fps (3840 × 2160) 30fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720)	50Hz: 25fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60Hz: 30fps (2688 × 1520, 1920 × 1080, 1280 × 720)	50Hz: 20fps (3200 × 1800) 25fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60Hz: 20fps (3200 × 1800) 30fps (2688 × 1520, 1920 × 1080, 1280 × 720)	50Hz: 25fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60Hz: 30fps (2688 × 1520, 1920 × 1080, 1280 × 720)
Streams	3	3	3	3
Protection Level	IP67	IP67, IK08	IP67, IK08	IP66, IK10
Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: -30° to 30°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: -30° to 30°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 355°, tilt: 0° to 90°, rotate: 0° to 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)
Humidity	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)
Local Storage	256 GB	256 GB	256 GB	256 GB
Indoor/Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Audio I/O	Built-in microphone (-IU)	1 In, 1 Out (-IS) Built-in microphone	1 In, 1 Out (-IS) Built-in microphone	1 In, 1 Out
Alarm I/O	-	1 In, 1 Out (-IS)	1 In, 1 Out (-IS)	1 In, 1 Out
Power	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3at, class4)

Model	DS-2CD2686G2-IZS	DS-2CD2746G2-IZS	DS-2CD2786G2-IZS(2.8-12MM)	DS-2CD2H46G2-IZS
Image	 AcuSense Powered by DarkFighter	 AcuSense Powered by DarkFighter	 AcuSense Powered by DarkFighter	 AcuSense Powered by DarkFighter
Image Sensor	1/1.8" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/3" Progressive Scan CMOS
Resolution	3840 × 2160 8MP	2688 × 1520 4MP	23840 × 2160 8MP	2688 × 1520 4MP
Video Compression	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG
Min. Illumination	0.003 Lux @ (F1.4, AGC ON)	0.003 Lux @ (F1.4, AGC ON)	0.003 Lux @ (F1.4, AGC ON)	0.003 Lux @ (F1.4, AGC ON)
WDR	120dB	120dB	120dB	120dB
Lens	2.8 to 12 mm	2.8 to 12 mm	2.8 to 12 mm	2.8 to 12 mm
FOV	2.8 to 12mm, horizontal FOV 108.1° to 45.5°, vertical FOV 58.4° to 25.7°, diagonal FOV 127.3° to 52.1°	2.8 to 12 mm, horizontal FOV 108° to 30°, vertical FOV 56° to 17°, diagonal FOV 131° to 35°	2.8 to 12 mm, horizontal FOV 108° to 30°, vertical FOV 56° to 17°, diagonal FOV 131° to 35°	2.8 to 12 mm, horizontal FOV 108° to 32.8°, vertical FOV 56° to 18.5°, diagonal FOV 131° to 37.8°
Max. IR Range	60 m	40 m	40 m	40m
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
Frame Rate	50Hz: 25fps (3840 × 2160, 3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 60Hz: 24fps (3840 × 2160) 30fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720)	50Hz: 25fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60Hz: 30fps (2688 × 1520, 1920 × 1080, 1280 × 720)	50Hz: 25fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60Hz: 30fps (2688 × 1520, 1920 × 1080, 1280 × 720)	50Hz: 25fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60Hz: 30fps (2688 × 1520, 1920 × 1080, 1280 × 720)
Streams	3	3	3	3
Protection Level	IP66, IK10	IP66, IK10	IP66, IK10	IP66, IK10
Angle Adjustment	Pan: 0° to 355°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 355°, tilt: 0° to 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)
Humidity	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)
Local Storage	256 GB	256 GB	256 GB	256 GB
Indoor/Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Audio I/O	1 In, 1 Out	1 In, 1 Out	1 In, 1 Out	1 In, 1 Out
Alarm I/O	1 In, 1 Out	1 In, 1 Out	1 In, 1 Out	1 In, 1 Out
Power	12 VDC ± 25%, PoE (802.3af, class4)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)

Model	DS-2CD2T46G2-2I	DS-2CD2T46G2-4I	DS-2CD2T86G2-2I	IDS-2CD7A26G0/P-IZHSY(2.8-12MM)(C)
Image	 AcuSense Powered by DarkFighter	 AcuSense Powered by DarkFighter	 AcuSense Powered by DarkFighter	 ANPR Powered by DarkFighter
Image Sensor	1/3" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS
Resolution	2688 × 1520 4MP	2688 × 1520 4MP	2688 × 1520 8MP	1920 × 1080 2MP
Video Compression	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265+/H.265/H.264+/H.264
Min. Illumination	0.003 Lux @ (F1.4, AGC ON)	0.003 Lux @ (F1.4, AGC ON)	0.003 Lux @ (F1.4, AGC ON)	0.003 Lux @ (F1.4, AGC ON)
WDR	120dB	120dB	120dB	120dB
Lens	2.8 mm	4 mm	2.8 mm, 4mm	4mm
FOV	2.8 mm, horizontal FOV 103°, vertical FOV 55°, diagonal FOV 123°	2.8 mm, horizontal FOV 103°, vertical FOV 55°, diagonal FOV 123°	2.8 mm, horizontal FOV 103°, vertical FOV 55°, diagonal FOV 123°	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°
Max. IR Range	-2I: 60 m	-4I: 80 m	-2I: 60 m	50 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, 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
Frame Rate	50Hz: 25fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60Hz: 30fps (2688 × 1520, 1920 × 1080, 1280 × 720)	50Hz: 25fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60Hz: 30fps (2688 × 1520, 1920 × 1080, 1280 × 720)	50Hz: 25fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60Hz: 30fps (2688 × 1520, 1920 × 1080, 1280 × 720)	50Hz: 25fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60Hz: 30fps (2688 × 1520, 1920 × 1080, 1280 × 720)
Streams	3	3	3	3
Protection Level	IP67	IP67	IP67	IP67
Angle Adjustment	Pan: 0° to 355°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 355°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 355°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 355°, tilt: 0° to 90°, rotate: 0° to 360°
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]	-40 °C to 60 °C [-40 °F to 140 °F]
Humidity	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)
Local Storage	256 GB	256 GB	256 GB	256 GB
Indoor/Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Audio I/O	-	-	-	-
Alarm I/O	-	-	-	-
Power	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 20%, 1.19 A, PoE: 802.3at, Type 2, Class 4, 42.5 V to 57 V), 0.396 A to 0.295 A, max. 16.8 W

Model	DS-2CD204762-LU	DS-2CD208762-LU	DS-2CD234762-LSU/SL	DS-2CD238762-LSU/SL	DS-2CD234762-LU	DS-2CD238762-LU	
Image	 ColorVu AcuSense	 ColorVu AcuSense	 ColorVu AcuSense	 ColorVu AcuSense	 ColorVu AcuSense	 ColorVu AcuSense	
Image Sensor	1/1.2" Progressive Scan CMOS	1/1.2" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.2" Progressive Scan CMOS	
Resolution	2688 x 1520 4MP	3840 x 2160 8MP	2688 x 1520 4MP	3840 x 2160 8MP	2688 x 1520 4MP	3840 x 2160 8MP	
Video Compression	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.264/H.264+/H.265+	
Min. Illumination	0.0005 Lux @ (F1.0, AGC ON), 0 Lux with Light	0.0005 Lux @ (F1.0, AGC ON), 0 Lux with Light	0.0005 Lux @ (F1.0, AGC ON), 0 Lux with Light	0.0005 Lux @ (F1.0, AGC ON), 0 Lux with Light	0.0005 Lux @ (F1.0, AGC ON), 0 Lux with Light	0.0005 Lux @ (F1.0, AGC ON), 0 Lux with Light	
WDR	130dB	130dB	130dB	130dB	130dB	130 dB	
Lens	2.8 mm, 4 mm, 6 mm	2.8 mm, 4mm	2.8 mm, 4 mm	2.8 mm, 4 mm	2.8 mm, 4 mm	2.8 mm, 4 mm	
FOV	2.8 mm, horizontal FOV102°, vertical FOV 52°, diagonal FOV 124°	2.8 mm, horizontal FOV102°, vertical FOV 52°, diagonal FOV 124°	2.8 mm, horizontal FOV 109°, vertical FOV 55°, diagonal FOV 138°	2.8 mm, horizontal FOV 109°, vertical FOV 55°, diagonal FOV 138°	2.8 mm, horizontal FOV 109°, vertical FOV 55°, diagonal FOV 138° 4 mm, horizontal FOV 94°, vertical FOV 49°, diagonal FOV 113°	2.8 mm, horizontal FOV 102°, vertical FOV 52°, diagonal FOV 124°	
Max. IR Range	40 m	40 m	30 m	30 m	30 m	Up to 30 m	
VCA	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection (supports alarms triggered by specific target types - human and vehicle), scene change detection	
Frame Rate	50Hz: 25fps (3840 × 2160, 3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 60Hz: 24fps (3840 × 2160) 30fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720)	50Hz: 25fps (3840 × 2160, 3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 60Hz: 24fps (3840 × 2160) 30fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720)	50Hz: 25fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60Hz: 30fps (2688 × 1520, 1920 × 1080, 1280 × 720)	50Hz: 25fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60Hz: 30fps (2688 × 1520, 1920 × 1080, 1280 × 720)	50Hz: 25fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60Hz: 30fps (2688 × 1520, 1920 × 1080, 1280 × 720)	50Hz: 25fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60Hz: 30fps (2688 × 1520, 1920 × 1080, 1280 × 720)	25 fps (3840 × 2160, 3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720)
Streams	3	3	3	3	3	3	
Protection Level	IP67	IP67	IP67	IP67	IP67	IP67	
Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°	
Operating Temperature	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to 60 °C (-22 °F to 140 °F)	
Humidity	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	
Local Storage	256 GB	256 GB	256 GB	256 GB	256 GB	256 GB	
Indoor/Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Built-in microphone	
Audio I/O	-U: Built-in microphone	-U: Built-in microphone	1 In, 1 Out Built-in microphone Built-in speaker	1 In, 1 Out Built-in microphone Built-in speaker	-U: Built-in microphone		
Alarm I/O	-	-	1 In, 1 Out	1 In, 1 Out	-	12 VDC, 0.46 A, max. 5.5 W	
Power	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	PoE: 802.3af, 36 V to 57 V, 0.18 A to 0.11 A, max. 6.5 W	

PTZ DOME CAMERAS

14 PRO SERIES














PTZ DOME CAMERAS PRO SERIES

Low-light monitoring is made easy with our Pro Series PTZ cameras. Most are equipped with "powered-by-DarkFighter" technology, and some even feature ColorVu technology. Add to this an abundance of options for camera sizes and amazing zoom capabilities, and you'll find that Pro Series cameras provide the ideal solution for a huge variety of use cases and scenarios.

- ▶ Multiple designs for indoor or outdoor scenarios (5-, 4-, and 3-inch)
- ▶ Almost all products support Powered by DarkFighter
- ▶ Min. illumination: Colour: 0.005 lux @ (F1.6, AGC ON)
B/W: 0.001 lux @ (F1.6, AGC ON) IR: 0 lux
- ▶ Hikvision ColorVu technology
- ▶ H.265+ / H.265 codec
- ▶ Up to 2560×1440 (4 MP) resolution
- ▶ Auto-tracking technology (supported by specific products)
- ▶ More zoom ratio options – 25x / 15x / 4x
- ▶ Various VCA rules: face detection, intrusion detection, line crossing detection, region entrance detection, region exiting detection, object removal detection, unattended baggage detection, audio exception detection
- ▶ Supports ONVIF and CGI
- ▶ Supports Hikvision SDK and Third-Party Management Platform
- ▶ 4", 5" IR models (S5) support false alarm reduction and human & vehicle classification

Model	DS-2DE3A400BW-DE/W(F1)(S)(B)	Model	DS-2DE4215IW-DE	DS-2DE4415IW-DE
Image		Image		
Image Sensor	1/1.8" progressive scan CMOS	Image Sensor	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS
Resolution	2560 × 1440 4MP	Resolution	1920×1080 2MP	2560 x 1440 4MP
Video Compression	H.265+/H.265/H.264+/H.264/MJPEG	Video Compression	Main Stream: H.265+/H.265/H.264+/H.264	Main Stream: H.265+/H.265/H.264+/H.264
Lens	4 mm	Lens	5 mm to 75 mm, 15× optical zoom	5 mm to 75 mm, 15× optical zoom
Angle of View	Horizontal field of view: 88.7° Vertical field of view: 46.5° Diagonal field of view: 105.0°	Angle of View	Horizontal field of view: 53.8° to 4° (Wide-Tele) Vertical field of view: 31.9° to 2.3° (Wide-Tele) Diagonal field of view: 60.4° to 4.6° (Wide-Tele)	Horizontal field of view: 53.8° to 4° (Wide-Tele) Vertical field of view: 31.9° to 2.3° (Wide-Tele) Diagonal field of view: 60.4° to 4.6° (Wide-Tele)
Min. Illumination	Colour: 0.0005 Lux @(F1.0, AGC ON); 0 Lux with white light	Min. Illumination	Colour: 0.005 Lux @(F1.6, AGC ON)	Colour: 0.005 Lux @(F1.6, AGC ON)
WDR	120dB	WDR	120dB	120dB
Max. IR Range	30m white light	Max. IR Range	100 m	100 m
VCA	Face capture, intrusion detection, line crossing detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection, audio exception detection	VCA	Intrusion detection, line crossing detection, region entrance detection, region exiting detection, object removal detection, unattended baggage detection	Intrusion detection, line crossing detection, region entrance detection, region exiting detection, object removal detection, unattended baggage detection
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)	Frame Rate	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 50fps (1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720) 60fps (1280 × 960, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 50fps (1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720) 60fps (1280 × 960, 1280 × 720)
Streams	3	Streams	3	3
Protection Level	IP66; 6000 V Lightning Protection, Surge Protection and Voltage Transient Protection	Protection Level	IP66 Standard, 4000V Lightning Protection, Surge Protection and Voltage Transient Protection	IP66 Standard, 4000V Lightning Protection, Surge Protection and Voltage Transient Protection
Pan Range	0° to 350°	Pan Range	360° endless	360° endless
Tilt Range	0° to 90°	Tilt Range	From -15° to 90° (Auto-flip)	From -15° to 90° (Auto-flip)
Pan Speed	0.1°/s to 60°/s	Pan Speed	Configurable, from 0.1°/s to 80°/s, Preset speed: 80°/s	Configurable, from 0.1°/s to 80°/s, Preset speed: 80°/s
Tilt Speed	0.1°/s to 50°/s	Tilt Speed	Configurable, from 0.1°/s to 80°/s Preset Speed: 80°/s	Configurable, from 0.1°/s to 80°/s Preset Speed: 80°/s
Operating Temperature	-30°C to 65°C (-22°F to 149°F)	Operating Temperature	-30°C to 65°C (-22°F to 149°F)	-30°C to 65°C (-22°F to 149°F)
Humidity	≤ 90%	Humidity	≤ 90%	≤ 90%
Local Storage	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 512 GB	Local Storage	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NFS, SMB/ CIFS), ANR	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NFS, SMB/ CIFS), ANR
Audio I/O	1/1	Audio I/O	-	-
Alarm I/O	1/1	Alarm I/O	-	-
Power	12 VDC, 3.33 A & PoE (802.3at), 42.5 to 57 VDC, 0.6 A Max. 14 W (including max. 4 W for white light)	Power	12 VDC & PoE (802.3at) Max.: 18 W (Max. 7 W for IR)	12 VDC & PoE (802.3at) Max.: 18 W (Max. 7 W for IR)

Model	DS-2DE4225IW-DE	DS-2DE4425IW-DE	DS-2DE4A225IW-DE	DS-2DE4A425IW-DE
Image				
Image Sensor	1/2.5" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS
Resolution	1920 × 1080 2MP	2560 × 1440 4MP	1920 × 1080 2MP	2560 × 1440 4MP
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	4.8 mm to 120 mm, 25× optical zoom	4.8 mm to 120 mm, 25× optical zoom	4.8 mm to 120 mm, 25x optical	4.8 mm to 120 mm, 25x optical
Angle of View	Horizontal field of view: 59.5° to 2.6° (Wide-Tele) Vertical field of view: 35.7° to 1.5° (Wide-Tele) Diagonal field of view: 66.6 to 3.0° (Wide-Tele)	Horizontal field of view: 59.5° to 2.6° (Wide-Tele) Vertical field of view: 35.7° to 1.5° (Wide-Tele) Diagonal field of view: 66.6 to 3.0° (Wide-Tele)	Horizontal field of view: 57.6° to 2.5° (Wide-Tele) Vertical field of view: 34.4° to 1.4° (Wide-Tele) Diagonal field of view: 64.5° to 2.9° (Wide-Tele)	Horizontal field of view: 57.6° to 2.5° (Wide-Tele) Vertical field of view: 34.4° to 1.4° (Wide-Tele) Diagonal field of view: 64.5° to 2.9° (Wide-Tele)
Min. Illumination	Colour: 0.005 Lux @(F1.6, AGC ON)	Colour: 0.005 Lux @(F1.6, AGC ON)	Colour: 0.005 Lux @(F1.6, AGC ON)	Colour: 0.005 Lux @(F1.6, AGC ON)
WDR	120dB	120dB	120dB	120dB
Max. IR Range	100 m	100 m	50 m	50 m
VCA	Intrusion detection, line crossing detection, region entrance detection, region exiting detection, object removal detection, unattended baggage detection, audio exception detection	Intrusion detection, line crossing detection, region entrance detection, region exiting detection, object removal detection, unattended baggage detection, audio exception detection	Audio exception detection, face detection, intrusion detection, line crossing detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection	Audio exception detection, face detection, intrusion detection, line crossing detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection
Frame Rate	50Hz: 25fps (2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720) 50fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720) 60fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720) 50fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720) 60fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 50fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720) 60fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 50fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720) 60fps (1920 × 1080, 1280 × 960, 1280 × 720)
Streams	3	3	3	3
Protection Level	IP66 Standard, 4000V Lightning Protection, Surge Protection and Voltage Transient Protection	IP66 Standard, 4000V Lightning Protection, Surge Protection and Voltage Transient Protection	IP66 Standard, 4000V Lightning Protection, Surge Protection and Voltage Transient Protection	IP66 Standard, 4000V Lightning Protection, Surge Protection and Voltage Transient Protection
Pan Range	360° endless	360° endless	360° endless	360° endless
Tilt Range	From -15° to 90° (Auto-flip)	From -15° to 90° (Auto-flip)	From -5° to 90° (Auto-flip)	From -5° to 90° (Auto-flip)
Pan Speed	Configurable, from 0.1°/s to 80°/s, Preset speed: 80°/s	Configurable, from 0.1°/s to 80°/s, Preset speed: 80°/s	Configurable, from 0.1°/s to 300°/s Preset Speed: 350°/s	Configurable, from 0.1°/s to 300°/s Preset Speed: 350°/s
Tilt Speed	Configurable, from 0.1°/s to 80°/s Preset Speed: 80°/s	Configurable, from 0.1°/s to 80°/s Preset Speed: 80°/s	Configurable, from 0.1°/s to 160°/s Preset Speed: 200°/s	Configurable, from 0.1°/s to 160°/s Preset Speed: 200°/s
Operating Temperature	-30°C to 65°C (-22°F to 149°F)	-30°C to 65°C (-22°F to 149°F)	-30°C to 65°C (-22°F to 149°F)	-30°C to 65°C (-22°F to 149°F)
Humidity	≤ 90%	≤ 90%	≤ 90%	≤ 90%
Local Storage	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NFS, SMB/ CIFS), ANR	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NFS, SMB/ CIFS), ANR	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NFS, SMB/ CIFS), ANR	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NFS, SMB/ CIFS), ANR
Audio I/O	1/1	1/1	1/1	1/1
Alarm I/O	-	-	2/2	2/2
Power	12 VDC & PoE (802.3at) Max.: 18 W (Max. 7 W for IR)	12 VDC & PoE (802.3at) Max.: 18 W (Max. 7 W for IR)	12 VDC & PoE (802.3at) Max.: 18 W (Max. 5 W for IR)	12 VDC & PoE (802.3at) Max.: 18 W (Max. 5 W for IR)

Model	DS-2DE5225IW-AE	DS-2DE5425IW-AE
Image		
Image Sensor	1/2.5" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS
Resolution	1920 × 1080 2MP	2560 × 1440 4MP
Video Compression	Main Stream: H.265+/H.265/H.264+/H.264	Main Stream: H.265+/H.265/H.264+/H.264
Lens	4.8 mm to 120 mm, 25× optical zoom	4.8 mm to 120 mm, 25× optical zoom
Angle of View	Horizontal field of view: 59.5° to 2.6° (Wide-Tele) Vertical field of view: 35.7° to 1.5° (Wide-Tele) Diagonal field of view: 66.6° to 3.0° (Wide-Tele)	Horizontal field of view: 59.5° to 2.6° (Wide-Tele) Vertical field of view: 35.7° to 1.5° (Wide-Tele) Diagonal field of view: 66.6° to 3.0° (Wide-Tele)
Min. Illumination	Colour: 0.005 Lux @(F1.6, AGC ON)	Colour: 0.005 Lux @(F1.6, AGC ON)
WDR	120dB	120dB
Max. IR Range	150 m	150 m
VCA	Intrusion detection, line crossing detection, region entrance detection, region exiting detection, object removal detection, unattended baggage detection, audio exception detection	Intrusion detection, line crossing detection, region entrance detection, region exiting detection, object removal detection, unattended baggage detection, audio exception detection
Frame Rate	50Hz: 25fps (2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720) 50fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720) 60fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720) 50fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720) 60fps (1920 × 1080, 1280 × 960, 1280 × 720)
Streams	3	3
Protection Level	IP66 Standard, 4000V Lightning Protection, Surge Protection and Voltage Transient Protection	IP66 Standard, 4000V Lightning Protection, Surge Protection and Voltage Transient Protection
Pan Range	360° endless	360° endless
Tilt Range	From -15° to 90° (auto-flip)	From -15° to 90° (auto-flip)
Pan Speed	Configurable, from 0.1°/s to 120°/s	Configurable, from 0.1°/s to 120°/s
Tilt Speed	Configurable, from 0.1°/s to 80°/s	Configurable, from 0.1°/s to 80°/s
Operating Temperature	-30°C to 65°C (-22°F to 149°F)	-30°C to 65°C (-22°F to 149°F)
Humidity	≤ 90%	≤ 90%
Local Storage	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NFS, SMB/ CIFS), ANR	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NFS, SMB/ CIFS), ANR
Audio I/O	1/1	1/1
Alarm I/O	2/1	2/1
Power	24 VAC & Hi-PoE Max.: 30 W (Max. 10 W for IR)	24 VAC & Hi-PoE Max.: 30 W (Max. 10 W for IR)

Model	DS-1005KI
Image	

Model	DS-1105KI
Image	

Model	HIK-60W-POE-INJ
Image	

NVR

19 PRO SERIES





NVR PRO SERIES

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

- ▶ 4-ch human & vehicle classification on VCA results for AcuSense NVRs
- ▶ One face recognition channel for AcuSense NVRs
- ▶ Quick target search for AcuSense NVR and I / K Series NVRs
- ▶ Up to 16-ch @ 1080p decoding for AcuSense NVRs and I-Series, 8-ch @ 1080p decoding for K-Series (except K1)
- ▶ GUI 4.0 and E-UI, intuitive and easy-to-use interface
- ▶ Supports automatic addition of inactive cameras
- ▶ Up to 300 m PoE distance for I-Series and K-Series NVRs
- ▶ ISUP protocol accessible

Model	DS-7604NI-K1/4P	DS-7608NI-K1/8P	DS-7616NI-K2/16P	DS-7608NI-I2/8P	DS-7616NI-I2/16P
Image					
Channel No.	4-ch	8-ch	16-ch	8-ch	16-ch
Decoding Format	H.265/H.265+/H.264/H.264+/MPEG4	H.265/H.265+/H.264/H.264+/MPEG4	H.265/H.265+/H.264/H.264+/MPEG4	H.265/H.265+/H.264/H.264+/MPEG4	H.265/H.265+/H.264/H.264+/MPEG4
Incoming/Outgoing Bandwidth	40Mbps/ 80Mbps	80Mbps/ 160Mbps	160Mbps/ 160Mbps	80 Mps/256 Mbps	160 Mbps/256 Mbps
Decoding Capacity	1-ch @ 8 MP (30 fps)/5-ch @ 1080p (30 fps)	2-ch @ 8 MP (25fps) / 4-ch @ 4MP (30fps) / 8-ch @ 1080p (30fps)	2-ch @ 8 MP (25fps) / 4-ch @ 4MP (30fps) / 8-ch @ 1080p (30fps)	2-ch @ 12 MP (20fps) / 4-ch @ 8 MP (25fps) / 8-ch @ 4MP (30fps) / 16-ch @ 1080p (30fps)	2-ch @ 12 MP (20fps) / 4-ch @ 8 MP (25fps) / 8-ch @ 4MP (30fps) / 16-ch @ 1080p (30fps)
Recording Resolution	8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA /720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF	8MP/6MP/5MP/4MP/3MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF	*8MP/6MP/5MP/4MP/3MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF*	12 MP/8 MP/6 MP/5 MP/4MP/3MP/1080p/UXGA/720p /VGA/4CIF /DCIF/2CIF/CIF/QCIF	12 MP/8 MP/6 MP/5 MP/4MP/3MP/1080p/UXGA/720p /VGA/4CIF /DCIF/2CIF/CIF/QCIF
Display	1 HDMI/1 VGA	1 HDMI/1 VGA	1 HDMI/1 VGA	1 HDMI/1 VGA/(CVBS optional)	1 HDMI/1 VGA/(CVBS optional)
Storage Capacity	1 SATA interface Up to 8TB capacity for each HDD	1 SATA interface Up to 6TB capacity for each HDD	2 SATA interfaces Up to 6TB capacity for each HDD	2 SATA interfaces Up to 8TB capacity for each HDD	2 SATA interfaces Up to 8TB capacity for each HDD
eSATA/Mini SAS	-	-	-	-	-
Video Output	HDMI:4K (3840 × 2160)/30Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz;HDMI/VGA simultaneous output VGA:1920 × 1080p/60Hz,1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz; HDMI/VGA simultaneous output	HDMI:4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz,1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA:1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	HDMI:4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz,1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA:1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	HDMI:4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA:1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	HDMI:4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz VGA:1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
Audio Output	1-ch, RCA (Linear, 1 KΩ)	1-ch, RCA (Linear, 1 KΩ)	1-ch, RCA (Linear, 1 KΩ)	1-ch, RCA (Linear, 1 KΩ)	1-ch, RCA (Linear, 1 KΩ)
Alarm I/O	--	4/1	4/1	4/1	4/1
Network Interface	1, RJ-45 10/100 Mbps self adaptive Ethernet interface	1, RJ-45 10/100/1000 Mbps self adaptive Ethernet interface	1, RJ-45 10/100/1000 Mbps self adaptive Ethernet interface	1 RJ-45 10/100/1000 Mbps self adaptive Ethernet interface	1 RJ-45 10/100/1000 Mbps self adaptive Ethernet interface
PoE Port	4P	8P	16P	8P	16P
USB Port	Front panel: 1 × USB 2.0; Rear panel: 1 × USB 2.0	Front panel: 1 × USB 2.0; Rear panel: 1 × USB 3.0	Front panel: 1 × USB 2.0; Rear panel: 1 × USB 3.0	Front panel: 1 × USB 2.0; Rear panel: 1 × USB 3.0	Front panel: 1 × USB 2.0; Rear panel: 1 × USB 3.0
Smart Function	Intrusion, Line crossing, Unattended Baggage, Object removal, Region exiting/entrance, People gathering, Fast moving, Parking, Loitering	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)	≤ 10W(without enabling PoE)	≤15 W(without enabling PoE)	≤15 W(without enabling PoE)	≤15 W (without enabling PoE)	≤15 W (without enabling PoE)

Model	DS-7716NI-I4/16P	DS-7732NI-I4	DS-7732NI-I4/16P	DS-7732NI-I4/24P
Image				
Channel No.	16-ch	32-ch	32-ch	32-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
Incoming/Outgoing Bandwidth	160Mbps/ 256Mbps	160Mbps/ 256Mbps	256Mbps/ 256Mbps	256Mbps/ 256Mbps
Decoding Capacity	2-ch @ 12 MP (20fps) / 4-ch @ 8MP (25fps) / 8-ch @ 4MP (30fps) /16-ch @ 1080p (30fps)	2-ch @ 12 MP (20fps) / 4-ch @ 8MP (25fps) / 8-ch @ 4MP (30fps) /16-ch @ 1080p (30fps)	2-ch @ 12 MP (20fps) / 4-ch @ 8MP (25fps) / 8-ch @ 4MP (30fps) /16-ch @ 1080p (30fps)	2-ch @ 12 MP (20fps) / 4-ch @ 8MP (25fps) / 8-ch @ 4MP (30fps) /16-ch @ 1080p (30fps)
Recording Resolution	12 MP/8 MP/6 MP/5 MP/4 MP/3MP/1080p/UXGA/720p/VGA /4CIF /DCIF/ 2CIF/CIF/QCIF	12 MP/8 MP/6 MP/5 MP/4 MP/3MP/1080p/UXGA/720p/VGA /4CIF /DCIF/ 2CIF/CIF/QCIF	12 MP/8 MP/6 MP/5 MP/4 MP/3MP/1080p/UXGA/720p/VGA /4CIF /DCIF/ 2CIF/CIF/QCIF	12 MP/8 MP/6 MP/5 MP/4 MP/3MP/1080p/UXGA/720p/VGA /4CIF /DCIF/ 2CIF/CIF/QCIF
Display	2HDMI/1 VGA/1CVBS	2HDMI/1 VGA/1CVBS	2HDMI/1 VGA/1CVBS	2HDMI/1 VGA/1CVBS
Storage Capacity	4 SATA interfaces Up to 8TB capacity for each HDD	4 SATA interfaces Up to 8TB capacity for each HDD	4 SATA interfaces Up to 8TB capacity for each HDD	4 SATA interfaces Up to 8TB capacity for each HDD
eSATA/Mini SAS	1 eSATA interface	1 eSATA interface	1 eSATA interface	1 eSATA interface
Video Output	HDMI1: 4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024×768/60Hz VGA: 2K (2560 × 1440)/60Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024×768/60Hz HDMI2:1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	HDMI1: 4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024×768/60Hz VGA: 2K (2560 × 1440)/60Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024×768/60Hz HDMI1/VGA Simultaneous Output HDMI2:1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	HDMI1: 4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024×768/60Hz VGA: 2K (2560 × 1440)/60Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024×768/60Hz HDMI2:1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	HDMI1: 4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024×768/60Hz VGA: 2K (2560 × 1440)/60Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024×768/60Hz HDMI2:1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
Audio Output	1-ch, RCA (Linear, 1 KΩ)	1-ch, RCA (Linear, 1 KΩ)	1-ch, RCA (Linear, 1 KΩ)	1-ch, RCA (Linear, 1 KΩ)
Alarm I/O	16/4(optional:16/8)	16/4(optional:16/8)	16/4(optional:16/8)	16/4(optional:16/8)
Network Interface	1 RJ-45 10/100/1000 Mbps self adaptive Ethernet interface	2 RJ-45 10/100/1000 Mbps self adaptive Ethernet interface	1 RJ-45 10/100/1000 Mbps self adaptive Ethernet interface	1 RJ-45 10/100/1000 Mbps self adaptive Ethernet interface
PoE Port	16P	-	16P	24P
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
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
Power Consumption (without HDD)	≤20 W (without enabling PoE)	≤20 W	≤20 W (without enabling PoE)	≤20 W (without enabling PoE)



Part #	Description
ST1000VX005	1TB SKYHAWK HDD
ST2000VX015	2TB SKYHAWK HDD
ST4000VX013	4TB SKYHAWK HDD
ST6000VX001	6TB SKYHAWK HDD
ST8000VX004	8TB SKYHAWK HDD
ST10000VE001	10TB SKYHAWK HDD

TURBO HD CAMERAS

25 WITH COLORVU TECHNOLOGY

28 VALUE SERIES













TURBO HD CAMERAS WITH COLORVU TECHNOLOGY

Hikvision cameras with ColorVu Technology render full colour imaging, 24/7. These cameras can provide full colour video in ultra-low-light scenarios even without any supplemental lighting. In zero-light environments, automatic supplemental lighting from the camera itself will enhance imaging.

- ▶ 24/7 full colour imaging
- ▶ Ultra-low-light night vision
- ▶ 130 dB True WDR
- ▶ 4-in-1 video output
- ▶ Audio over coaxial

Model	DS-2CE12HFT-F28(2.8mm)	DS-2CE72HFT-F28 (2.8mm)	DS-2CE72HFT-E(2.8mm)	DS-2CE12KF0T-FS(2.8mm)
Image	 ColorVu	 ColorVu	 ColorVu	 ColorVu
Description	5 MP Full Time Colour Bullet Camera	5 MP Full Time Color Turret Camera	5 MP Full Time Colour Turret Camera	3K Full Time Colour Audio Bullet Camera
Lens	2.8 mm fixed lens	2.8 mm fixed lens	2.8 mm fixed lens	2.8 mm fixed lens
Min. Illumination	Colour: 0.0005 Lux @ (F1.0, AGC ON), 0 Lux with white light	Colour: 0.0005 Lux @ (F1.0, AGC ON), 0 Lux with white light	Colour: .0005 Lux @ (F1.0, AGC ON), 0 Lux with White Light	Colour: 0.001 Lux @ (F1.0, AGC ON), 0 Lux with white light
FOV	2.8 mm, horizontal FOV: 99.7°, vertical FOV: 72°, diagonal FOV: 139.8°	2.8 mm, horizontal FOV: 99.7°, vertical FOV: 72°, diagonal FOV: 139.8°	2.8 mm, horizontal FOV: 99.7°, vertical FOV: 72°, diagonal FOV: 139.8°	2.8 mm, horizontal FOV: 102°, vertical FOV: 56°, diagonal FOV: 122°
Angle Adjustment	Pan: 0 to 360°, Tilt: 0 to 90°, Rotation 0 to 360°	Pan: 0 to 360°, Tilt: 0 to 75°, Zoom 0 to 360°	Pan: 0 to 360°, Tilt: 0 to 75°, Zoom 0 to 360°	Pan: 0° to 360°, Tilt: 0° to 180°, Rotation: 0° to 360°
Day & Night	Colour	Colour	Colour	Colour
WDR	WDR	WDR	WDR	DWDR
White Light Range	Up to 40 m white light distance	Up to 20 m	Up to 20 m	Up to 40 m white light distance
HD Video Output	Switchable TVI/AHD/CVI/CVBS	Switchable TVI / AHD / CVI / CVBS	1 HD analogue output	Switchable TVI/AHD/CVI/CVBS
CVBS Output	-	-	-	-
White Balance	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Outdoor/Global/Manual
BLC	-	-	-	-
3D DNR	3D DNR	3D DNR	3D DNR	2D DNR
Functions	Brightness, Sharpness, Mirror, Smart Light	Brightness, Sharpness, Mirror, Smart Light	Brightness, Sharpness, Mirror, Smart Light	Defective Pixel Correction, Sharpness, Mirror, Contrast, Brightness, Anti-Banding, Smart Light
Protection Level	IP67	IP67	IP67	IP67
Alarm I/O	-	-	-	-
Power	12 VDC ±25%	12 VDC ±25%	12 VDC±25%/PoC.af	12 VDC ±25%






Model	DS-2CE70KF0T-MFS(2.8mm)	DS-2CE72KF0T-FS(2.8mm)	DS-2CE72UF3T-E(2.8MM)	DS-2CE12UF3T-E(2.8MM)
Image	 ColorVu	 ColorVu	 ColorVu	 ColorVu
Description	3K Full Time Colour Audio Turret Camera	3K Full Time Colour Audio Turret Camera	8 MP Full Time Colour Turret Camera	8 MP Full Time Colour Bullet Camera
Lens	2.8 mm fixed lens	2.8 mm fixed lens	2.8 mm fixed lens	2.8 mm fixed lens
Min. Illumination	Colour: 0.001 Lux @ (F1.0, AGC ON), 0 Lux with white light	Colour: 0.001 Lux @ (F1.0, AGC ON), 0 Lux with white light	Colour: 0.0005 Lux @ (F1.0, AGC ON), 0 Lux with White Light	Colour: 0.0005 Lux @ (F1.0, AGC ON), 0 Lux with White Light
FOV	2.8 mm, horizontal FOV: 102°, vertical FOV: 56°, diagonal FOV: 122°	2.8 mm, horizontal FOV: 102°, vertical FOV: 56°, diagonal FOV: 122°	2.8 mm, horizontal FOV: 110°, vertical FOV: 59°, diagonal FOV: 131°	2.8 mm, horizontal FOV: 110°, vertical FOV: 59°, diagonal FOV: 131°
Angle Adjustment	Pan: 0° to 360°, Tilt: 0° to 75°, Rotation: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 75°, Rotation: 0° to 360°	Pan: 0 to 360°, Tilt: 0 to 180°, Zoom 0 to 360°	Pan: 0° to 360°, Tilt: 0° to 180°, Rotation: 0° to 360°
Day & Night	Colour	Colour	Colour	Colour
WDR	DWDR	DWDR	WDR	WDR
White Light Range	Up to 20 m white light distance	Up to 20 m white light distance	Up to 40 m	Up to 40 m
HD Video Output	Switchable TVI/AHD/CVI/CVBS	Switchable TVI/AHD/CVI/CVBS	1 HD analogue output	1 HD analogue output
CVBS Output	-	-	-	-
White Balance	Auto/Outdoor/Global/Manual	Auto/Outdoor/Global/Manual	Auto/Manual	Auto/Manual
BLC	-	-	-	-
3D DNR	2D DNR	2D DNR	3D DNR	3D DNR
Functions	Defective Pixel Correction, Sharpness, Mirror, Contrast, Brightness, Anti-Banding, Smart Light	Defective Pixel Correction, Sharpness, Mirror, Contrast, Brightness, Anti-Banding, Smart Light	Brightness, Sharpness, Mirror, Smart Light	Brightness, Sharpness, Mirror, Smart Light
Protection Level	IP67	IP67	IP67	IP67
Alarm I/O	-	-	-	-
Power	12 VDC ±25%	12 VDC ±25%	12 VDC ± 25%/PoC.at	12 VDC ± 25%/PoC.at







TURBO HD CAMERAS VALUE SERIES

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

- ▶ Ultra HD
- ▶ Easy installation with PoC
- ▶ Audio over coaxial
- ▶ 4-in-1 video output
- ▶ EXIR 2.0

Model	DS-2CE56H0T-ITME(2.8MM)/G	DS-2CE78H0T-IT3FS(2.8MM)	DS-2CE5A0T-VPIT3ZE	DS-2CE76H0T-ITMF(2.8MM)(C)	DS-2CE79H0T-IT3ZE(2.7-13.5mm)(C)
Image					
Description	5 MP Turret Camera	5 MP CMOS Turret Camera	5 MP Vandal PoC Motorised Varifocal Dome Camera	5 MP Fixed Turret Camera	5 MP PoC Motorised Varifocal Turret Camera
Lens	2.8 mm fixed focal lens	2.8 mm fixed focal lens	2.7 mm to 13.5 mm motorised varifocal lens	2.8 mm fixed focal lens	2.7 mm to 13.5 mm motorised varifocal lens
Min. Illumination	Colour: 0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR	0.01 Lux@(F1.2, AGC ON), 0 Lux with IR	Colour: 0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR	0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR	Colour: 0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR
FOV	2.8 mm, horizontal FOV: 85.5	2.8 mm, horizontal FOV: 85.5°, vertical FOV: 63.7°, diagonal FOV: 110.7°	95° to 26°	2.8 mm, horizontal FOV: 85°, vertical FOV: 63°, diagonal FOV:110°	95° to 26°
Angle Adjustment	Pan: 0° to 360°, Tilt: 0° to 75°, Rotate: 0° to 360°	Pan: 0 to 360°, Tilt: 0 to 75°, Zoom 0 to 360°	Pan: 0° to 355°, Tilt: 0° to 75°, Rotation: 0° to 355°	Pan: 0 to 360°, Tilt: 0 to 75°, Rotation 0 to 360°	Pan: 0° to 360°, Tilt: 0° to 75°, Rotation: 0° to 360°
Day & Night	IR cut filter	ICR	IR cut filter	ICR	IR cut filter
WDR	DWDR	DWDR	DWDR	DWDR/BLC/HLC/Global	DWDR
Max. IR Range (meters)	Up to 20 m	Up to 40 m	Up to 40 m	Up to 30 m	Up to 40 m
HD Video Output	1 HD analog output	Switchable TVI/AHD/CVI/CVBS	Switchable TVI/AHD/CVI/CVBS	Switchable TVI/AHD/CVI/CVBS	1 HD analogue output
CVBS Output	-	-	-	-	-
D/N Mode	Auto/Colour/BW (Black and White)	Auto/Colour/BW (Black and White)	Auto/Colour/BW (Black and White)	Auto/Colour/BW (Black and White)	Auto/Colour/BW (Black and White)
White Balance	ATW/MWB	Auto/Manual	ATW/MWB	Auto/Manual	ATW/MWB
BLC	-	-	BLC; HLC; Global; DWDR	DWDR/BLC/HLC/Global	BLC;HLC;Global;DWDR
DNR	2D DNR	2D DNR	2D	2D DNR	2D
Functions	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR	Sharpness; Brightness; Smart IR	Brightness, Sharpness, Mirror, Smart IR	Sharpness; Brightness; Smart IR
Protection Level	IP67	IP67	IP67, IK10	IP67	IP67
Alarm I/O	-	-	-	-	-
Power	12 VDC ±25%, PoC.af	12 VDC ± 25%	12 VDC ± 25%	12 VDC ± 25%	12 VDC ±15%, PoC

Model	DS-2CE78H0T-IT3E(2.8mm)(C)	DS-2CE78U1T-IT3F(2.8MM)	DS-2CE79U1T-IT3ZF(2.7-13.5mm)	DS-2CE76U1T-ITMF(2.8MM)/G
Image		 4K	 4K	 4K
Description	5 MP PoC Fixed Turret Camera	8 MP Turret Camera	8 MP Turret Camera	8 MP Turret Camera
Lens	2.8 mm fixed focal lens	2.8 mm fixed focal lens	2.7 mm to 13.5 mm motorised auto focus lens	2.8 mm fixed focal lens
Min. Illumination	Colour: 0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR	Colour: 0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR	Colour: 0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR	Color: 0.01 Lux@(F1.2, AGC ON), 0 Lux with IR
FOV	horizontal FOV: 85°, vertical FOV: 63°, diagonal FOV: 110°	102.2°	108.1°to 45.6°	102.2°(2.8 mm)
Angle Adjustment	Pan: 0 to 360°, Tilt: 0 to 75°, Rotation 0 to 360°	Pan: 0° to 360°; Tilt:0° to 75°; Rotate: 0° to 360°	Pan: 0° to 360°; Tilt:0° to 75°; Rotate: 0° to 360°	Pan: 0° to 360°, Tilt:0° to 75°, Rotate: 0° to 360°
Day & Night	IR cut filter	IR cut filter	IR cut filter	IR cut filter
WDR	DWDR	DWDR	DWDR	DWDR
Max. IR Range (meters)	Up to 40 m	Up to 60 m	Up to 60 m	Up to 30 m
HD Video Output	1 HD analogue output	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS	Switchable TVI / AHD / CVI / CVBS
CVBS Output	-	-	-	-
D/N Mode	Auto/Colour/BW (Black and White)	Auto/Colour/BW (Black and White)	Auto/Colour/BW (Black and White)	Auto/Colour/BW (Black and White)
White Balance	ATW/MWB	ATW/MWB	ATW/MWB	Auto/Manual
BLC	DWDR, BLC, HLC, Global	WDR/BLC/OFF	WDR/BLC/OFF	WDR/BLC/OFF
DNR	2D	2D	2D	2D
Functions	Brightness, Sharpness, Smart IR	Brightness, Sharpness, DNR, Mirror, Smart IR	Brightness, Sharpness, DNR, Mirror, Smart IR	Brightness, Sharpness, DNR, Mirror, Smart IR
Protection Level	IP67	IP67	IP67	IP67
Alarm I/O	-	-	-	-
Power	12 VDC ±15%, PoC	12 VDC ±25%	9 VDC to 15 VDC	12 VDC ±25%

TURBO HD PTZ CAMERAS

32 AE4 & AE5








TURBO HD PTZ CAMERAS

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

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

Model	DS-2AE4215TI-D	DS-2AE4225TI-D	Model	DS-2AE5225TI-A
Image			Image	
Description	1/2.8" HD progressive scan CMOS 1920 × 1080 resolution 15× optical zoom, 16× digital zoom 120 dB True WDR (Wide Dynamic Range) Up to 100 m IR distance 3D intelligent positioning Switchable Turbo HD and CVBS outputs 2MP	1/2.8" HD progressive scan CMOS 1920 × 1080 resolution 25× optical zoom, 120 dB true WDR (Wide Dynamic Range) Up to 100 m IR distance 3D intelligent positioning Switchable TVI/AHD/CVI/CVBS video outputs 2MP	Description	1/2.8" HD progressive scan CMOS 1920 × 1080 resolution 25× optical zoom, 16× digital zoom 120 dB true WDR (Wide Dynamic Range) Up to 150 m IR distance 3D intelligent positioning Switchable TVI/AHD/CVI/CVBS video outputs 2MP
Lens	5 mm to 75 mm, 15× Optical	4.8 mm to 120 mm, 25× Optical	Lens	4.8 mm to 120 mm, 25× Optical
Min. Illumination	Colour: 0.005 Lux @(F1.6, AGC ON)	Colour: 0.005 Lux @(F1.6, AGC ON)	Min. Illumination	Colour: 0.005 Lux @(F1.6, AGC ON)
Angle Adjustment	53.8° to 4.0° (wide-tele)	57.6° to 2.5° (wide-tele)	Angle Adjustment	57.6° to 2.5° (wide to tele)
Day & Night	ICR	ICR	Day & Night	ICR
WDR	≥ 120 dB	≥ 120 dB	WDR	≥ 120 dB
Max. IR Range	Up to 100 m	Up to 100 m	Max. IR Range	Up to 150 m
HD Video Output	Switchable TVI/AHD/CVI/CVBS video output, NTSC or PAL composite, BNC	Switchable TVI/AHD/CVI/CVBS video output, NTSC or PAL composite, BNC	HD Video Output	Switchable TVI/AHD/CVI/CVBS video output, NTSC or PAL composite, BNC
White Balance	AUTO/MANUAL/HAUTO/ATW/INDOOR/OUTDOOR	AUTO/MANUAL/HAUTO/ATW/INDOOR/OUTDOOR	White Balance	AUTO/MANUAL/HAUTO/ATW/INDOOR/OUTDOOR
BLC	Support	Support	BLC	Support
3D DNR	Support	Support	3D DNR	Support
UTC Functions	UTC protocol (or HIKVISION-C protocol in previous DVR)	UTC protocol (or HIKVISION-C protocol in previous DVR)	UTC Functions	UTC protocol (or HIKVISION-C protocol in previous DVR)
Protection Level	IP66 standard (outdoor dome) TVS 4,000 V lightning protection, surge protection and voltage transient protection	IP66 standard (outdoor dome) TVS 4,000 V lightning protection, surge protection and voltage transient protection	Protection Level	IP66 standard (outdoor dome) TVS 4,000 V lightning protection, surge protection and voltage transient protection
Alarm I/O	-	-	Alarm I/O	2/1
Power	12 VDC Max.: 20 W (Max. 7 W for IR)	12 VDC Max.: 20 W (Max. 7 W for IR)	Power	24 VAC Max.: 30 W (Max. 10 W for IR)

DVR

35 PRO SERIES

37 TURBO DVR WITH
ACUSENSE TECHNOLOGY







DVR PRO SERIES

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

- ▶ Ultra HD, compatible with cameras of up to 4K resolution
- ▶ H.265 Pro+ / H.265 Pro / H.265
- ▶ Adaptive signal input (five types: HDTVI / AHD / CVI / CVBS / IP)
- ▶ Enhanced network camera access capability
- ▶ Line crossing detection / intrusion detection / sudden scene change detection
- ▶ Audio over coaxial
- ▶ PoC for easy installation
- ▶ 5-in-1 devices

Model	DS-7204HUHI-K1/P	DS-7208HUHI-K2/P	DS-7216HUHI-K2/P
Image	 PoC	 PoC	 PoC
Video Compression	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264
Analogue Video-Audio Input	4-ch	8-ch	16-ch
IP Video Input	4-ch (Up to 8-ch), Up to 8 MP resolution	8-ch (Up to 16-ch), Up to 8 MP resolution	16-ch (Up to 32-ch), Up to 8 MP resolution
Audio Input	4-ch, RCA (2.0 Vp-p, 1 KΩ)	4-ch, RCA (2.0 Vp-p, 1 KΩ)	4-ch, RCA (2.0 Vp-p, 1 KΩ)
HDMI / VGA Output	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	VGA: 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI: 1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	VGA: 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI: 1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
HDMI2 Output	-	-	-
CVBS Output	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480
Audio Output	1-ch, RCA (Linear, 1KΩ)	1-ch, RCA (Linear, 1KΩ)	1-ch, RCA (Linear, 1KΩ)
Encoding Capability	Main stream: 5 MP@12fps/4 MP@15fps/3 MP@18fps 1080p/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) Sub-stream: WD1/4CIF/CIF@25fps (P)/30fps (N)	Main stream: 8 MP@8fps/5 MP@12fps/4 MP@15fps/3 MP@18fps 1080p/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) Sub-stream: WD1/4CIF/CIF@25fps (P)/30fps (N)	Main stream: 8 MP@8fps/5 MP@12fps/4 MP@15fps/3 MP@18fps 1080p/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) Sub-stream: WD1/4CIF/CIF@25fps (P)/30fps (N)
SATA Capacity	1 SATA interface Up to 10 TB capacity for each disk	2 SATA interface Up to 10 TB capacity for each disk	2 SATA interface Up to 10 TB capacity for each disk
Array Type	-	-	-
Network Interface	1, RJ45 10M/100M self-adaptive Ethernet interface	1, RJ45 10M/100M/1000M self-adaptive Ethernet interface	1, RJ45 10M/100M/1000M self-adaptive Ethernet interface
Serial Interface	RS-485 (half-duplex)	RS-485 (half-duplex)	RS-485 (half-duplex)
USB Port	2 × USB 2.0	1 × USB 2.0 1 × USB 3.0	1 × USB 2.0 1 × USB 3.0
Smart Function	VCA (Line Crossing, Intrusion Detection) up to all channels	VCA (Line Crossing, Intrusion Detection) up to all channels	VCA (Line Crossing, Intrusion Detection) up to all channels
Alarm I/O	4/1	8/4	4/1
Power	48 VDC	48 VDC	100 to 240 VAC
Chassis	1U (315mm)	1U (380mm)	1U (380mm)



DVR TURBO DVRs WITH ACUSENSE TECHNOLOGY

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

- ▶ AcuSense Technology powered by deep-learning algorithm
- ▶ Motion Detection 2.0 with human & vehicle classification for all analogue channels
- ▶ Facial comparison
- ▶ Search human and vehicle targets quickly
- ▶ Ultra HD, compatible with cameras of up to 4K resolution
- ▶ H.265 Pro+ / H.265 Pro / H.265
- ▶ Audio over coaxial
- ▶ Adaptive signal input (five types: HDTVI / AHD / CVI / CVBS / IP)
- ▶ Enhanced network camera access capability

Model	IDS-7204HUHI-K1/4S(C)	IDS-7208HUHI-K1/4S(B)	IDS-7216HUHI-K2/4S(C)	DS-7332HUHI-K4
Image	 Turbo HD 5.0	 Turbo HD 5.0	 Turbo HD 5.0	
Video Compression	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264	H.265+ / H.265 / H.264+ / H.264
Analogue Video Input	4-ch	4-ch	16-ch, Coaxial video-audio	32-ch
IP Video Input	2-ch (up to 6-ch) IP enhanced mode on: 4-ch (up to 8-ch), each up to 4 Mbps	4-ch (up to 12-ch) IP enhanced mode on: 8-ch (up to 16-ch), each up to 4 Mbps	16-ch (up to 32-ch) Up to 8 MP resolution	16-ch (Up to 48-ch), Up to 8 MP resolution
Audio Input	4-ch RCA (2.0 Vp-p, 1 KΩ)	4-ch RCA (2.0 Vp-p, 1 KΩ)	1-ch, RCA (2.0 Vpp, 1 KΩ) 16-ch via coaxial cable	4-ch, RCA (2.0 Vp-p, 1 KΩ)
HDMI / VGA Output	1-ch, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI/VGA simultaneous output	1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI/VGA simultaneous output	1-ch, 4K (3840 × 2160)/30Hz 2K (2560 × 1440)/60Hz 1920 × 1080/60Hz 1280 × 1024/60Hz 1280 × 720/60Hz 1024 × 768/60Hz HDMI/VGA simultaneous output	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
HDMI2 Output	-	-	-	1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
CVBS Output	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480
Audio Output	1-ch, RCA (Linear, 1 KΩ)	1-ch, RCA (Linear, 1 KΩ)	1-ch, RCA (Linear, 1 KΩ)	1-ch, RCA (Linear, 1 KΩ)
Encoding Capability	Main stream: 8 MP@8 fps/5 MP@12 fps/4 MP@15 fps/3 MP@18 fps 1080p/720p/WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N) Sub-stream: WD1/4CIF/CIF@25 fps (P)/30 fps (N)	Main stream: 8 MP@8 fps/5 MP@12 fps/ 4 MP@15 fps/3 MP@18 fps 1080p/720p/WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N) Sub-stream: WD1/4CIF/CIF@25 fps (P)/30 fps (N)	Main stream: 8 MP@8 fps/5 MP@12 fps/3K@12 fps/ 4MP@15 fps/3 MP@18 fps 1080p/720p/WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N) Sub-stream: WD1/4CIF/CIF@25 fps (P)/30 fps (N)	Main stream: 8MP@8fps; 5 MP@12fps; 4 MP@15fps; 3 MP@18fps; 1080p/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) Sub-stream: WD1/4CIF/CIF@25fps (P)/30fps (N)
SATA Capacity	1 SATA interface Up to 10 TB capacity for each disk	1 SATA interface Up to 10 TB capacity for each disk	2 SATA interfaces Up to 10 TB capacity for each disk	4 SATA interface, up to 10 TB capacity for each disk
Network Interface	1, RJ45 10M/100M self-adaptive Ethernet interface	1, RJ45 10M/100M/1000M self-adaptive Ethernet interface	1, RJ45 10/100/1000 Mbps self-adaptive Ethernet interface	2, RJ45 10M/100M/1000M self-adaptive Ethernet interface
Serial Interface	RS-485 (half-duplex)	RS-485 (half-duplex)	RS-485 (half-duplex)	RS-232, RS-485 (full-duplex), Keyboard
USB Port	2 × USB 2.0	1 × USB 2.0 1 × USB 3.0	1 × USB 2.0 1 × USB 3.0	2 × USB 2.0 1 × USB 3.0
Smart Function	1. Human body & vehicle recognition 2. Motion2.0: all channels 3. VCA: Line crossing, Intrusion detection, up to 4-ch	1. Human body & vehicle recognition 2. Motion2.0: all channels 3. VCA: Line crossing, Intrusion detection, up to 4-ch	1. Human body & vehicle recognition 2. Motion2.0: all channels 3. VCA: Line crossing, Intrusion detection, up to 4-ch	VCA (Line Crossing, Intrusion Detection) all channels
Alarm I/O	4/1	4/1	16 /4	16/4
Power	12 VDC	12 VDC	12 VDC	100 to 240 VAC
Chassis	1U (315mm)	1U (315mm)	1U (380mm)	1U (315mm)

Model	IDS-7204HTHI-M1/S(C)	IDS-7208HTHI-M2/S(C)	DS-7316HTHI-K4
Image	 Turbo HD 5.0	 Turbo HD 5.0	
Video Compression	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264	H.265+ / H.265 / H.264+ / H.264
Analogue Video Input	4-ch	8-ch	16-ch
IP Video Input	1-ch (up to 5-ch) IP enhanced mode on: 2-ch (up to 6-ch), each up to 4 Mbps	8-ch (up to 16-ch) IP enhanced mode on: 2-ch (up to 6-ch), each up to 4 Mbps	16-ch (Up to 32-ch), Up to 8 MP resolution
Audio Input	1-ch, RCA (2.0 Vp-p, 1 KΩ) 4-ch via coaxial cable	1-ch, RCA (2.0 Vp-p, 1 KΩ) 4-ch via coaxial cable	4-ch, RCA (2.0 Vp-p, 1 KΩ)
HDMI / VGA Output	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz,	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz,	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
HDMI2 Output	-	-	1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
CVBS Output	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480
Audio Output	1-ch, RCA (Linear, 1KΩ)	1-ch, RCA (Linear, 1KΩ)	1-ch, RCA (Linear, 1 KΩ)
Encoding Capability	Main stream: When 1080p lite mode not enabled: For 4 MP stream access: 4 MP lite@15 fps; 1080p lite/720p/WD1/4CIF/VGA/CIF@25 fps (PI)/30 fps (N) For 3 MP stream access: 3 MP/1080p/720p/VGA/WD1/4CIF/CIF@15 fps For 1080p stream access: 1080p/720p@15 fps; VGA/WD1/4CIF/CIF@25 fps (PI)/30 fps (N) For 720p stream access: 720p/VGA/WD1/4CIF/CIF@25 fps (PI)/30 fps (N) When 1080p Lite mode enabled: 4 MP lite/3 MP@15 fps; 1080p lite/720p lite/VGA/WD1/4CIF/CIF@25 fps (PI)/30 fps (N) Sub-stream: WD1/4CIF@12 fps; CIF@25 fps (PI)/30 fps (N)	Main stream: When 1080p lite mode not enabled: For 4 MP stream access: 4 MP lite@15 fps; 1080p lite/720p/WD1/4CIF/VGA/CIF@25 fps (PI)/30 fps (N) For 3 MP stream access: 3 MP/1080p/720p/VGA/WD1/4CIF/CIF@15 fps For 1080p stream access: 1080p/720p@15 fps; VGA/WD1/4CIF/CIF@25 fps (PI)/30 fps (N) For 720p stream access: 720p/VGA/WD1/4CIF/CIF@25 fps (PI)/30 fps (N) When 1080p Lite mode enabled: 4 MP lite/3 MP@15 fps; 1080p lite/720p lite/VGA/WD1/4CIF/CIF@25 fps (PI)/30 fps (N) Sub-stream: WD1/4CIF@12 fps; CIF@25 fps (PI)/30 fps (N)	Main stream: 8MP@8fps; 5 MP@12fps; 4 MP@15fps; 3 MP@18fps; 1080p/720p/WD1/4CIF/VGA/CIF@25fps (PI)/30fps (N) Sub-stream: WD1/4CIF/CIF@25fps (PI)/30fps (N)
SATA Capacity	1 SATA interface, up to 10 TB capacity for each disk	2 SATA interface, up to 10 TB capacity for each disk	4 SATA interface, up to 10 TB capacity for each disk
Network Interface	1, RJ45 10M/100M self-adaptive Ethernet interface	1, RJ45 10M/100M self-adaptive Ethernet interface	2, RJ45 10M/100M/1000M self-adaptive Ethernet interface
Serial Interface	RS-485 (half-duplex)	RS-485 (half-duplex)	RS-232, RS-485 (full-duplex), Keyboard
USB Port	2 × USB 2.0	2 × USB 2.0	2 × USB 2.0 1 × USB 3.0
Smart Function	1. Human body & vehicle recognition 2. Motion2.0:all channels 3. VCA: Line crossing, Intrusion detection, up to 2-ch	1. Human body & vehicle recognition 2. Motion2.0:all channels 3. VCA: Line crossing, Intrusion detection, up to 2-ch	VCA (Line Crossing, Intrusion Detection) all channels
Alarm I/O	-	-	16/4
Power	12 VDC	12 VDC	100 to 240 VAC
Chassis	1U (315mm)	1U (315mm)	1U (315mm)










Part #	Description
ST1000VX005	1TB SKYHAWK HDD
ST2000VX015	2TB SKYHAWK HDD
ST4000VX013	4TB SKYHAWK HDD
ST6000VX001	6TB SKYHAWK HDD
ST8000VX004	8TB SKYHAWK HDD
ST10000VE001	10TB SKYHAWK HDD

MONITORS

42 VALUE AND PRO SERIES



Model	DS-D5019QE-B	DS-D5022FN-C	DS-D5027FN	DS-D5032FC-A	DS-D5043UC	DS-D5022FC	DS-D5024FC	
Image								
Display	Max Resolution	1366×768	1920 ×1080@60Hz	1920 ×1080@60Hz	1920 ×1080@60Hz	4K	1920×1080	1920×1080
	Backlight	LED-Backlit TFT LCD	E-LED	TFT-LED Backlight	E-LED	E-LED	LED-Backlit TFT LCD	LED-Backlit TFT LCD
	Active Display Area	18.5"	21.5"	27"	31.5"	43"	23.6"	31.5"
	Brightness	200cd/m2 (Typical)	250 cd/m ²	300 cd/m ²	250 cd/m ²	250 cd/m ²	250cd/m ²	300cd/m ²
	Aspect Ratio	16:9	16:9	16:9	16:9	16:9	16:9	16:9
	Contrast Ratio	600:1	3000:1	1000: 1	3000:1	3000:1	1000:1	1000:1
	Response Time	5ms	6.5ms	14ms	6.5ms	6.5ms	5ms	8ms
	Colour	16.7M	16.7million	16.7M	16.7million	16.7million	16.7M	16.7M
Viewing Angle	Horizontal 90°, Vertical 65°	Horizontal 178°, Vertical 178°	Horizontal 178°, vertical 178°	Horizontal 178°, Vertical 178°	Horizontal 178°, Vertical 178°	Horizontal 170°, Vertical 160°	Horizontal 178°, Vertical 178°	
Interface	Input	HDMI×1, VGA×1	VGA input 1 HDMI input 1	VGA input 1 HDMI input 1	VGA input 1 HDMI input 1 BNC	VGA input 1 HDMI input 2	HDMI×1, VGA×1, BNC×1, AUDIO (3.5mm mini-jack)×1, RCA×1	DVI×1, HDMI×1, VGA×1, BNC×1, AUDIO (3.5mm mini-jack)×1
	Output	-	-	-	BNC	-	BNC×1, AUDIO×1	BNC×1, PC AUDIO×1
	Speaker	-	-	-	Yes	Yes	2*2W	2 W x 2, 6Ω
General	Input Voltages	AC100 - 240V, 50/60Hz	12 VDC	100 to 240 VAC, 50/60Hz	12 VDC	12 VDC	AC 100-240V	100 - 240 V AC, 50/60 Hz
	Power Consumption	≤ 25W	≤22W	≤ 40W	≤22W	≤22W	< 30W (on); <0.5W (Standby)	≤ 45 W
	Dimensions	446mm × 275mm × 45mm	492.356mm × 390.11mm × 200.20mm	614×454×226mm	492.356mm × 390.11mm × 200.20mm	492.356mm × 390.11mm × 200.20mm	561mmx338mmx45mm	729mm x433mm x50mm
	Weight	Gross Weight 3.5 Kg Net Weight 2.8 Kg	Gross Weight 3.8 Kg Net Weight 2.5 kg	Gross Weight 5.62 Kg Net Weight 4.06 Kg	Gross Weight 3.8 Kg Net Weight 2.5 kg	Gross Weight 3.8 Kg Net Weight 2.5 kg	Gross Weight 6.0 Kg Net Weight 5.1 Kg	Gross Weight 9.25 Kg Net Weight 5.75 Kg
	VESA Mounting	75mm x 75mm	75mm x 75mm	100 ×100 mm	75mm x 75mm	75mm x 75mm	100mm × 100mm	100 mm × 100 mm
	Operating Temperature	0°C - 40 °C	0 to 40° C (0 to 104 ° F)	0 to 40 ° C (32 to 104 ° F)	0 to 40° C (0 to 104 ° F)	0 to 40° C (0 to 104 ° F)	0°C - 40 °C	0°C - 40°C
	Working Time	7*24h	7*24h	7*24h	7*24h	7*24h	7*24h	7*24h
	Wall mounted Bracket (Optional)	DS-DM1940W	DS-DM1940W	DS-DM1940W	DS-DM1940W	DS-DM1940W	DS-DM1940W	DS-DM1940W
	Stand Bracket (Optional)	Included by default	Included by default	Included by default	Included by default	Included by default	Included by default	Included by default

SWITCHES

44 PRO SERIES

46 SMART MANAGED SERIES





SWITCHES PRO SERIES

Aggregate access switches and provide powerful management functions.

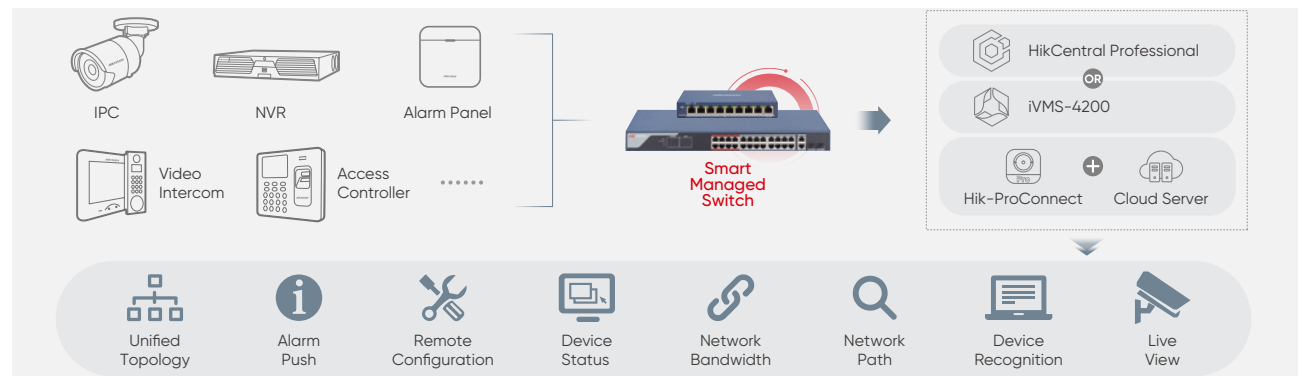
- ▶ Layer 2, 100 M / 1,000 M network switch
- ▶ Unmanaged or managed functions
- ▶ 802.3af / at / bt PoE standard (on select models) and high PoE power budget
- ▶ 8/4-core adaptable power supply to drastically reduce power loss (on select models)
- ▶ Data from key cameras will be transmitted with priority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

Model		DS-3E0505-E	DS-3E0508-E(B)	DS-3E0528HP-E	DS-3E0310HP-E	DS-3E0105P-E(B)	DS-3E0109P-E(C)
Image		 Gigabit switch	 Gigabit switch	 Gigabit switch	 Gigabit switch	 Gigabit switch	 Gigabit switch
Interface	Ethernet Port	4 × Gigabit PoE ports 4 × Gigabit RJ45 ports	8 × Gigabit PoE ports 8 × Gigabit RJ45 ports	20 × Gigabit PoE ports 2 × Gigabit RJ45 ports 2 × Gigabit fibre ports	1 × 10/100 Mbps Hi-PoE port 3 × 10/100 Mbps PoE ports 2 × 10/100 Mbps RJ45 ports	4 × 10/100 Mbps PoE ports 1 × 10/100 Mbps RJ45 port	8 × 10/100 Mbps PoE ports 1 × 10/100 Mbps RJ45 port
	Uplink Port	1 × Gigabit RJ45 port	1 × Gigabit RJ45 port and 1 × Gigabit SFP fibre optical port	2 × 10/100 Mbps RJ45 uplink ports	2 × 10/100 Mbps RJ45 uplink ports	-	2 × 10/100 Mbps RJ45 uplink ports
	High Priority Port (default)	-	-	-	Ports 1 to 2	-	-
	PoE Standards	-	-	IEEE 802.3af, IEEE 802.3at, IEEE 802.3bt	Port 1: IEEE 802.3af, IEEE 802.3at, IEEE 802.3bt Ports 2 to 4: IEEE 802.3af, IEEE 802.3at	IEEE 802.3af, IEEE 802.3at	IEEE 802.3af, IEEE 802.3at
	PoE Ports	Ports 1 to 4	Ports 1 to 8	Ports 1 to 20	Port 1 to 4	4	8
	PoE Budget	-	110 W	370 W	60 W	60 W	115 W
	Hi-PoE	-	-	IEEE 802.3bt 90W Ports 1 to 4	IEEE 802.3bt 60W	-	-
	PoE Extend Mode	6 KV	6 KV	6 KV	Max. 250 m	Max. 300 m	Max. 300 m
	Surge Protection	-	-	-	6 KV	6 KV	6 KV
Dialling Function	Long range	-	-	-	Support up to 250 m transmission	up to 300 m	up to 300 m
	Port isolation	-	-	-	-	-	-
	PoE watchdog	-	-	-	-	-	-
Performance	Packet Forwarding Rate	7.44 Mpps	14.88 Mpps	26.784 Mpps	0.893 Mpps	0.744 Mpps	1.339 Mpps
	Switching Capacity	10 Gbps	20 Gbps	56 Gbps	1.2 Gbps	1 Gbps	1.8 Gbps
	MAC Address Table	2 K	4 K	8 K	2 K	1 K	2 K
General	Power Supply	48 VDC, 1.35 A	48 VDC, 2.5 A	100 to 240 VAC, 50/60 Hz, Max. 4 A	48 VDC, 1.35 A	48 VDC, 1.35 A	48 VDC, 2.5 A
	Power Consumption	65 W	120W	400 W	65 W	65 W	120W
	Dimension	105 mm × 27.6 mm × 83.1 mm	217.6 mm × 27.8 mm × 108.55 mm	440 mm × 44 mm × 220.8 mm	145 mm × 25.6 mm × 68.45 mm	105 mm × 27.6 mm × 83.1 mm	170 mm × 27.6 mm × 93.1 mm




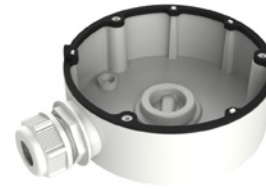
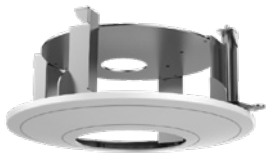
SWITCHES SMART MANAGED SERIES

Hikvision Smart Managed Switches provide centralised and visualised management of all Hikvision IP devices with perfect integration with Hikvision software. This allows for comprehensive operation and maintenance capabilities based on a unified topology. As well as system topology, the network condition, device health status and alarm notification can also be displayed and managed in a visualised way. The result? Better intelligent management and enhanced operational efficiency.



Model	DS-3E1326P-EI	DS-3E1318P-EI	DS-3E1309P-EI	DS-3E1106HP-EI	DS-3E1105P-EI	
Image						
Interface	Ethernet Port	24 × 100Mbps PoE RJ45 ports	16 × 100Mbps PoE RJ45 ports	8 × 100 Mbps PoE ports 1 × gigabit network port	4 × 10/100 Mbps PoE ports	4 × 100Mbps PoE RJ45 ports
	Uplink Port	2 × gigabit combs	2 × gigabit combs	1 × Gigabit port	2 × 10/100 Mbps RJ45 ports	1 × 100Mbps network RJ45 port
	High Priority Port (default)	Ports 1 to 8	Ports 1 to 8	-	Ports 1 to 2	-
	PoE Standards	IEEE 802.3af, IEEE 802.3at	IEEE 802.3af, IEEE 802.3at	IEEE 802.3af, IEEE 802.3at	IEEE 802.3af, IEEE 802.3at, IEEE 802.3bt	IEEE 802.3af, IEEE 802.3at
	PoE Ports	Ports 1 to 24	Ports 1 to 16	Ports 1 to 8	Hi-PoE: Port 1 PoE: Ports 2 to 4	Ports 1 to 4
	PoE Budget	370 W	230 W	110 W	60 W	60 W
	Hi-PoE	-	-	-	Hi-PoE	-
	PoE Extend Mode	Max. 250 m	Max. 250 m	Max. 300 m	Max. 300 m	Max. 250 m
	Surge Protection	6KV	6KV	6KV	6KV	6KV
Dialling Function	Long range	Ports 1 to 24: up to 250 m transmission	Ports 1 to 16: up to 250 m transmission	Ports 1 to 8: up to 300 m transmission	Ports 1 to 4: up to 300 m transmission	Ports 1 to 4: up to 250 m transmission
	Port isolation	-	-	-	-	-
	PoE watchdog	-	-	-	-	-
Performance	Packet Forwarding Rate	6.5472 Mpps	5.3568 Mpps	2.6784 Mpps	0.8928 Mpps	0.744 Mpps
	Switching Capacity	8.8 Gbps	7.2 Gbps	3.6 Gbps	1.2 Gbps	1 Gbps
	MAC Address Table	4 K	4 K	16 K	2 K	2 K
General	Power Supply	100-240 VAC, 50/60Hz, Max. 6.5 A	100-240 VAC, 50/60Hz, Max. 2.5 A	48 VDC, 2.5 A	48 VDC, 1.35 A	48 VDC, 1.35 A
	Power Consumption	400 W	250 W	120 W	65 W(Max)	65 W
	Dimension	440 mm × 44 mm × 221 mm	440 mm × 44 mm × 220.8 mm	170 mm × 27.6 mm × 93.1 mm	145 mm × 25.6 mm × 68.45 mm	105 mm × 27.6 mm × 83.1 mm

Model	DS-3E1309P-EI	DS-3E1326P-SI	DS-3E1310P-SI	
Image				
Interface	Ethernet Port	8 × 100Mbps PoE RJ45 ports	24 × 100 Mbps PoE RJ45 ports	8 × 10/100 Mbps PoE ports
	Uplink Port	1 × gigabit network RJ45 port	2 × gigabit combos	2 × gigabit combos
	High Priority Port (default)	-	Ports 1 to 8	-
	PoE Standards	IEEE 802.3af, IEEE 802.3at	IEEE 802.3af, IEEE 802.3at	IEEE 802.3af, IEEE 802.3at
	PoE Ports	Ports 1 to 8	Ports 1 to 24	Ports 1 to 8
	PoE Budget	110 W	370 W	125 W
	Hi-PoE	-	-	-
	PoE Extend Mode	Max. 250 m	Max. 300 m	Max. 300 m
	Surge Protection	6KV	6KV	6KV
Dialling Function	Long range	Ports 1 to 8: up to 250 m transmission	Ports 1 to 8: up to 300 m transmission	Up to 300 m transmission
	Port isolation	-	-	-
	PoE watchdog	-	-	-
Performance	Packet Forwarding Rate	2.6784 Mpps	6.5472 Mpps	4.1664 Mpps
	Switching Capacity	3.6 Gbps	8.8 Gbps	5.6 Gbps
	MAC Address Table	16 K	16 K	16 K
General	Power Supply	48 VDC, 2.5 A	100-240 VAC, 50/60Hz, Max. 6.5 A	100-240 VAC, 50/60Hz, Max. 1.5 A
	Power Consumption	120 W	400 W	150 W
	Dimension	170 mm × 27.6 mm × 93.1 mm	440 mm × 44 mm × 221 mm	266 mm × 44.5 mm × 220.8 mm



Part #	Description	Part #	Description
DS-1227ZJ-DM37	Hikvision In-Ceiling Mount for DS-2CD27x5 & DS-2CD27x3	DS-1273ZJ-140-DM45	Hikvision Wall Mounting Bracket DM45 for Dome Camera
DS-1241ZJ	Hikvision In-Ceiling Mount for Dome Cameras	DS-1273ZJ-DM25	Hikvision Wall Mount DM25
DS-1258ZJ(BLACK)	Hikvision Plastic Wall Mount Bracket - Black	DS-1275ZJ	Hikvision Vertical Pole Mount Bracket
DS-1259ZJ	Hikvision Inclined Ceiling Mount Bracket for Dome Cameras	DS-1275ZJ-S-SUS	Hikvision Stainless Steel Vertical Pole Mount for Bullet Cameras
DS-1260ZJ	Hikvision Junction Box for Bullet Camera	DS-1275ZJ-SUS	Hikvision Stainless Steel Vertical Pole Mount for IP Cameras
DS-1271ZJ-120	Hikvision Pendant Mount for Mini Dome Camera	DS-1276ZJ-SUS	Hikvision Corner Mount Bracket S/S
DS-1271ZJ-140	Hikvision Pendant Mount for DS-2CC52D9T&DS-2CE56H0T &DS-2CE59U8T	DS-1280ZJ-DE7	Hikvision Junction Box for Dual-Lens Network Cameras
DS-1271ZJ-DM25	Hikvision Pendant Mounting Bracket for Fisheye Camera	DS-1280ZJ-DM18	Hikvision Back Box for DS-2CD21X2F Series Dome
DS-1271ZJ-DM32	Hikvision DM32 Pendent Mount for Dome Cameras	DS-1280ZJ-DM18(BLACK)	Hikvision Aluminium Junction Box DM18 - Black
DS-1272ZJ-110	Hikvision Wall Bracket for DS-2CD2112(I)+DS-2CE56D5T-IT1 + IT3	DS-1280ZJ-DM21	Hikvision Junction Box for DS-2CD2346/47G1 Turrets
DS-1272ZJ-110(BLACK)	Hikvision Wall Bracket for DS-2CD2112(I)+ DS-2CE56D5T-IT1 + IT3 Black	DS-1280ZJ-DM21(BLACK)	Hikvision Junction Box for DS-2CD2346/47G1 Turrets - Black
DS-1272ZJ-110(GREY)	Hikvision Wall Bracket for DS-2CD2112(I)+DS-2CE56D5T-IT1 + IT3 Grey	DS-1280ZJ-DM21(GREY)	Hikvision Junction Box for DS-2CD2346/47G1 Turrets - Grey
DS-1272ZJ-110B	Hikvision Wall Mounting Bracket for Dome Camera (with Junction Box)	DS-1280ZJ-DM22	Hikvision DM22 Junction Box for Dome Cameras
DS-1272ZJ-110-TRS	Hikvision Wall Bracket for DS-2CE55X2P-IRM & DS-2CE56DXTIRM	DS-1280ZJ-DM25	Hikvision DM25 Junction Box for Dome Cameras
DS-1272ZJ-110-TRS/BLACK	Hikvision Wall Mounting Bracket for Mini Dome Camera Black	DS-1280ZJ-DM45	Hikvision DM45 Junction Box for Dome Camera
DS-1272ZJ-110-TRS/GREY	Hikvision Wall Mounting Bracket for Mini Dome Camera Grey	DS-1280ZJ-DM46	Hikvision Junction Box for DS-2CD25xx
DS-1272ZJ-120	Hikvision Wall Bracket for DS-2CD2543G0-IS Micro Dome	DS-1280ZJ-DM46(BLACK)	Hikvision Junction Box for DS-2CD25xx Black
DS-1272ZJ-120B	Hikvision Wall Mount Bracket for Mini Dome Camera	DS-1280ZJ-DM55	Hikvision DM55 Junction Box for Dome Cameras
DS-1273ZJ-130-TRL	Hikvision Wall Mounting Bracket for Dome Cameras	DS-1280ZJ-DM8	Hikvision Deep Base for DS-2CD23xx
DS-1273ZJ-130-TRL(BLACK)	Hikvision Wall Mounting Bracket for Dome Cameras Black	DS-1280ZJ-DM8(BLACK)	Hikvision DM8 Junction Box for Dome Cameras Black
DS-1273ZJ-130-TRL(GREY)	Hikvision Wall Mounting Bracket for Dome Cameras Grey	DS-1280ZJ-DM8(GREY)	Hikvision Deep Base for DS-2CD23xx Grey
DS-1273ZJ-140	Hikvision Wall Bracket for DS-2CE56DXT-AVPIR3	DS-1280ZJ-M	Hikvision Junction Box for Dome Camera White
DS-1273ZJ-140(BLACK)	Hikvision Wall Mounting Bracket for DS-2CC51xxP(N) Dome Camera Black	DS-1280ZJ-PT6	Hikvision PT6 Junction Box for Dome Camera White
DS-1273ZJ-140(GREY)	Hikvision Wall Mounting Bracket for DS-2CC51xxP(N) Dome Camera Grey	DS-1280ZJ-S	Hikvision Junction Box White for DS-2CD2TX-13/15/18
DS-1273ZJ-140B	Hikvision Wall Mounting Bracket for DS-2CC51xxP(N) Dome Camera with Junction box	DS-1280ZJ-S(BLACK)	Hikvision Junction Box for Dome Camera Black



Part #	Description
DS-1280ZJ-S(GREY)	Hikvision Junction Box - Grey
DS-1280ZJ-SD11	Hikvision Junction Box for 4" PTZ Camera
DS-1280ZJ-TR12	Hikvision Junction Box for DS-2CE56D8T-IT3ZE /DS-2CE56H0T-IT3ZE
DS-1280ZJ-TR13	Hikvision Junction Box for 56D8T-IT3E/F / 56H0T-IT3F/E
DS-1280ZJ-TR13(BLACK)	Hikvision Junction Box - Black
DS-1280ZJ-TR13(GREY)	Hikvision Junction Box - Grey
DS-1280ZJ-XS	Hikvision Deep Base for DS-2CD2022F-I & DS-2CD2042WD-I
DS-1280ZJ-XS(GREY)	Hikvision Junction Box - Grey
DS-1281ZJ-DM23	Hikvision DM23 Inclined Ceiling Mount
DS-1281ZJ-DM25	Hikvision DM25 Inclined Ceiling Mount Bracket for Dome Cameras
DS-1281ZJ-M	Hikvision Inclined Ceiling Mount Bracket for Dome Cameras
DS-1283ZJ	Hikvision Wall Mounting Bracket for Fisheye
DS-1294ZJ-PT	Hikvision Wall Mount White
DS-1471ZJ-155	Hikvision Pendant Mount for Dome Camera
DS-1473ZJ-135	Hikvision Wall Mount Bracket White
DS-1473ZJ-135B	Hikvision Wall Bracket w/ Junction Box for DS-2CD2HxxFWD/60
DS-1473ZJ-155	Hikvision Wall Bracket for DS-2CD27x5FWD-IZS
DS-1473ZJ-155B	Hikvision Wall Mount with Junction Box for Dome Camera
DS-1475ZJ-SUS	Hikvision Vertical Pole Mount for DS-2CD27x5 / DS-2CD27x360
DS-1476ZJ-SUS	Hikvision Corner Mount Stainless Steel for DS-2CD26xxG0-IZS
DS-1602ZJ	Hikvision White Aluminum Alloy Bracket
DS-1602ZJ-BOX-CORNER	Hikvision Long Arm Wall Corner Mount Bracket with with Junction Box
DS-1602ZJ-CORNER	Hikvision Long Arm Wall Corner Mount Bracket
DS-1602ZJ-POLE	Hikvision Vertical Pole Mount for Speed Dome Pendant Mounting

Part #	Description
DS-1603ZJ	Hikvision Wall Mounting Bracket for PanoVu Cameras
DS-1603ZJ-P	Hikvision Wall Mount for PanoVu
DS-1604ZJ	Hikvision PTZ Wall Bracket
DS-1604ZJ-BOX	Hikvision Wall Mounting Bracket for Speed Dome
DS-1604ZJ-BOX-CORNER	Hikvision Corner Mounting Bracket for Speed Dome
DS-1604ZJ-BOX-POLE	Hikvision Pole Mount Bracket for PTZ with Back Box
DS-1604ZJ-CORNER	Hikvision Corner Mount Bracket for PTZ
DS-1604ZJ-POLE	Hikvision Pole Mount Bracket for PTZ
DS-1605ZJ	Hikvision Wall Mounting Bracket for 4-inch PTZ Camera
DS-1618ZJ	Hikvision Short Arm Wall Mount Bracket
DS-1618ZJ-6D	Hikvision Short Arm Wall Mount Bracket
DS-1619ZJ	Hikvision Swan Neck Bracket
DS-1660ZJ	Hikvision Parapet wall mount bracket for outdoor PTZ Camera
DS-1661ZJ	Hikvision Pendant Mounting Bracket In/Outdoor (White)
DS-1661ZJ-6D	Hikvision Pendant Mount
DS-1661ZJ-P	Hikvision Pendant Mount for Speed Dome Platinum Gray
DS-1662ZJ	Hikvision Pendant Mount Bracket
DS-1663ZJ	Hikvision Ceiling mount for 5in PTZ
DS-1667ZJ	Hikvision Extendable Pendant Mounting Bracket for PTZ Camera
DS-1668ZJ(20)	Hikvision Pendant Mount for PanoVu Cameras
DS-1671ZJ-SD11	Hikvision In-ceiling mount for 4-Inch PTZ Camera
DS-1673ZJ	Hikvision Horizontal Pole Mounting Bracket for PanoVu & Speed Dome
DS-1681ZJ	Hikvision Threaded Coupling Adaptor

CHANNEL PRODUCTS

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