Q2 2022

CORE CHANNEL PRODUCTS

Q2 2022 Guide

HIKVISION®

CONTENTS

03 **ACUSENSE**

04 **COLORVU**

05 **4K**

06 **VISUALISING YOUR CCTV NETWORK**

07 **NETWORK CAMERAS**
08 PRO SERIES 4.0
13 PRO SERIES 4.0 WITH COLORVU TECHNOLOGY

14 **PTZ DOME CAMERAS**
15 PRO SERIES

18 **HEATPRO**

20 **ANPR**

22 **NVR**
23 PRO SERIES

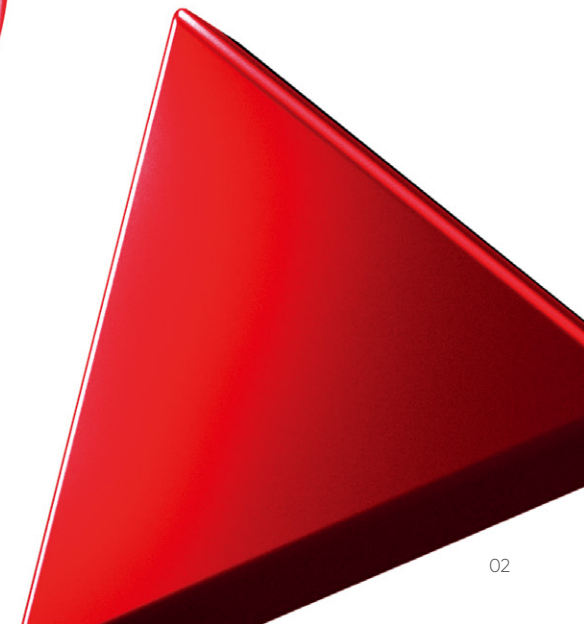
26 **TURBO HD CAMERAS**
27 WITH COLORVU TECHNOLOGY
31 WITH LIVE GUARD TECHNOLOGY
33 VALUE SERIES
36 PRO SERIES

38 **TURBO HD PTZ CAMERAS**
39 AE4 & AE5

41 **DVR**
42 PRO SERIES
44 TURBO DVR WITH ACUSENSE TECHNOLOGY

48 **MONITORS**
49 VALUE SERIES
50 PRO SERIES

51 **SWITCHES**
52 PRO SERIES
54 SMART MANAGED SERIES



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.

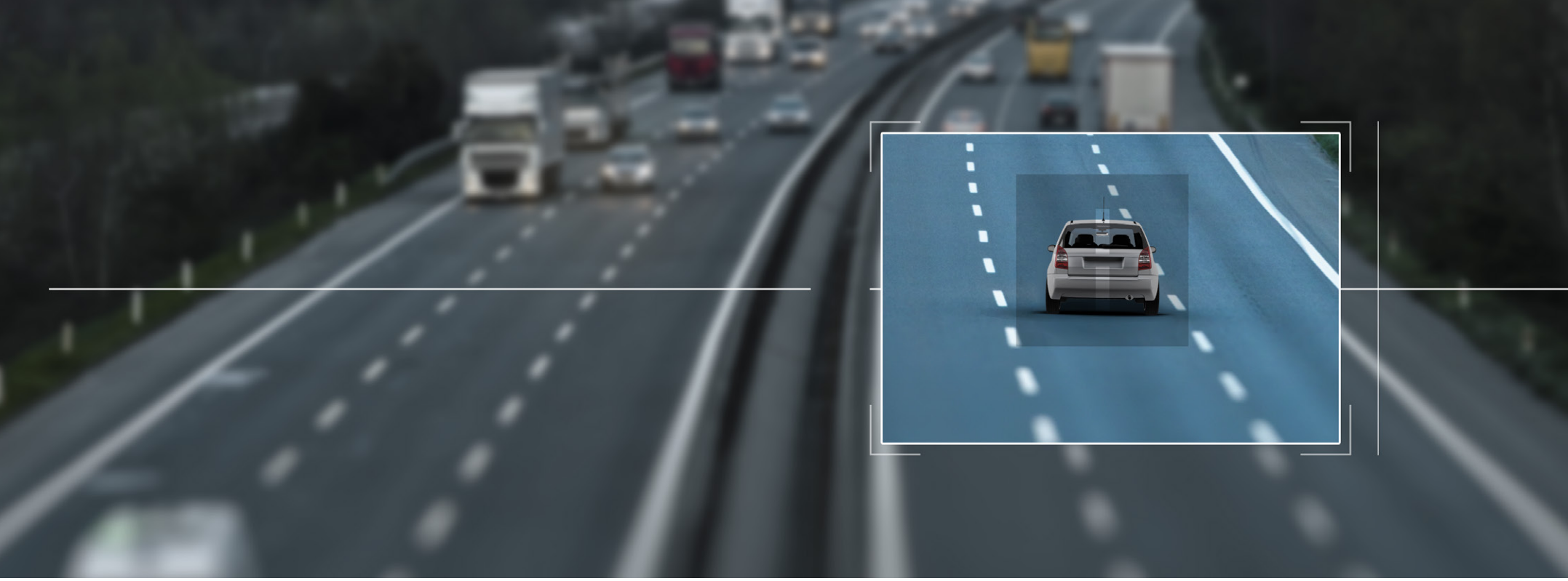
COLORVU TECHNOLOGY

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**

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-2CD2046G2-IU	DS-2CD2126G2-ISU	DS-2CD2146G2-ISU	DS-2CD2166G2-ISU	DS-2CD2186G2-ISU
Image	AcuSense Powered by DarkFighter	AcuSense Powered by DarkFighter	AcuSense Powered by DarkFighter	AcuSense Powered by DarkFighter	AcuSense Powered by DarkFighter
Image Sensor	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/2.4" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS
Resolution	1920 × 1080	1920 × 1080	2688 × 1520	3200 × 1800	3840 × 2160
Video Compression	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG
Min. Illumination	0.002 Lux @ (F1.4, AGC ON)	0.002 Lux @ (F1.4, AGC ON)	0.003 Lux @ (F1.4, AGC ON)	0.003 Lux @ (F1.6, AGC ON)	0.003 Lux @ (F1.6, AGC ON)
WDR	120dB	120dB	120dB	120dB	120dB
Lens	2.8 mm	2.8 mm	2.8 mm	2.8 mm	2.8 mm
FOV	2.8 mm, horizontal FOV 107°, vertical FOV 57°, diagonal FOV 129°	2.8 mm, horizontal FOV 107°, vertical FOV 57°, diagonal FOV 129°	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 mm, horizontal FOV 111°, vertical FOV 59°, diagonal FOV 131°
Max. IR Range	40 m	30 m	30 m	30 m	30 m
VCA	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection
Frame Rate	50Hz: 25fps (1920 × 1080, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 720) 60Hz: 30fps (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 (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	IP67, IK10	IP67, IK10	IP67, IK10	IP67, IK10
Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°
Operating Temperature	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)
Humidity	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)
Local Storage	256 GB	256 GB	256 GB	256 GB	256 GB
Indoor/Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Audio I/O	Built-in microphone (-IU)	1 In, 1 Out (-ISU) Built-in microphone (-ISU)	1 In, 1 Out (-ISU) Built-in microphone (-ISU)	1 In, 1 Out (-ISU) Built-in microphone (-ISU)	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 (-ISU)	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-2CD2326G2-IU	DS-2CD2346G2-ISU/SL	DS-2CD2346G2-IU	DS-2CD2366G2-IU	DS-2CD2386G2-ISU/SL	DS-2CD2386G2-IU
Image	AcuSense Powered by DarkFighter	AcuSense Powered by DarkFighter	AcuSense Powered by DarkFighter	AcuSense Powered by DarkFighter	AcuSense Powered by DarkFighter	AcuSense Powered by DarkFighter
Image Sensor	1/2.8" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/2.4" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS
Resolution	1920 × 1080	2688 × 1520	2688 × 1520	3200 × 1800	3840 × 2160	3840 × 2160
Video Compression	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG
Min. Illumination	0.002 Lux @ (F1.4, AGC ON)	0.003 Lux @ (F1.4, AGC ON)	0.003 Lux @ (F1.4, AGC ON)	0.003 Lux @ (F1.6, AGC ON)	0.003 Lux @ (F1.6, AGC ON)	0.003 Lux @ (F1.6, AGC ON)
WDR	120dB	120dB	120dB	120dB	120dB	120dB
Lens	2.8 mm	2.8 mm	2.8mm, 4 mm	2.8 mm	2.8 mm	2.8 mm
FOV	2.8 mm, horizontal FOV 107°, vertical FOV 57°, diagonal FOV 129°	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 105.1°, vertical FOV 53.4°, diagonal FOV 128.6°	2.8 mm, horizontal FOV 111°, vertical FOV 59°, diagonal FOV 131°	2.8 mm, horizontal FOV: 110.7°, vertical FOV: 59.1°, diagonal FOV: 131°
Max. IR Range	30 m	30 m	30 m	30 m	30 m	30 m
VCA	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection
Frame Rate	50Hz: 25fps (1920 × 1080, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 720)	50Hz: 25fps (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: 20fps (3200 × 1800) 25fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60Hz: 20fps (3200 × 1800) 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 (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	3
Protection Level	IP67	IP67	IP67	IP67	IP67, IK10	IP67
Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	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	Outdoor
Audio I/O	Built-in microphone (-IU)	1 In, 1 Out Built-in microphone Built-in speaker	Built-in microphone (-IU)	Built-in microphone (-IU)	1 In, 1 Out (-ISU) Built-in microphone (-ISU)	Built-in microphone (-IU)
Alarm I/O	-	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)	12 VDC ± 25%, PoE (802.3af, class 3)

Model	DS-2CD2546G2-I(W)(S)	DS-2CD2566G2-IS	DS-2CD2646G2-IZS	DS-2CD2666G2-IZS	DS-2CD2686G2-IZS
Image	AcuSense Powered by DarkFighter	AcuSense Powered by DarkFighter	AcuSense Powered by DarkFighter	AcuSense Powered by DarkFighter	AcuSense Powered by DarkFighter
Image Sensor	1/3" Progressive Scan CMOS	1/2.4" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/2.4" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS
Resolution	2688 × 1520	3200 × 1800	2688 × 1520	3200 × 1800	3840 × 2160
Video Compression	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG
Min. Illumination	0.003 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 @ (F1.4, AGC ON)
WDR	120dB	120dB	120dB	120dB	120dB
Lens	2.8 mm	2.8 mm	2.8 to 12 mm	2.8 to 12 mm	2.8 to 12 mm
FOV	2.8 mm, horizontal FOV 103°, vertical FOV 55°, diagonal FOV 123°	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°	2.8 to 12 mm, horizontal FOV 116.5° to 34.9°, vertical FOV 60° to 19.6°, diagonal FOV 141.9° to 41°	2.8 to 12mm, horizontal FOV 108.1° to 45.5°, vertical FOV 58.4° to 25.7°, diagonal FOV 127.3° to 52.1°
Max. IR Range	30 m	30 m	60 m	60 m	60 m
VCA	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection	Line crossing detection, intrusion detection, region entrance detection, region exiting detection
Frame Rate	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)	50Hz: 20fps (3200 × 1800) 25fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60Hz: 20fps (3200 × 1800) 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, IK08	IP67, IK08	IP66, IK10	IP66, IK10	IP66, IK10
Angle Adjustment	Pan: -30° to 30°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: -30° to 30°, tilt: 0° to 75°, rotate: 0° to 360°	Pan: 0° to 355°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 355°, tilt: 0° to 90°, rotate: 0° to 360°	Pan: 0° to 355°, tilt: 0° to 90°, rotate: 0° to 360°
Operating Temperature	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)	-30 °C to +60 °C (-22 °F to +140 °F)
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 (-IS) Built-in microphone	1 In, 1 Out (-IS) Built-in microphone	1 In, 1 Out	1 In, 1 Out	1 In, 1 Out
Alarm I/O	1 In, 1 Out (-IS)	1 In, 1 Out (-IS)	1 In, 1 Out	1 In, 1 Out	1 In, 1 Out
Power	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3at, class4)	12 VDC ± 25%, PoE (802.3at, class4)	12 VDC ± 25%, PoE (802.3at, class4)

Model	DS-2CD2746G2-IZS	DS-2CD2H46G2-IZS	DS-2CD2T46G2-2I/4I
Image	AcuSense Powered by DarkFighter	AcuSense Powered by DarkFighter	AcuSense Powered by DarkFighter
Image Sensor	1/3" Progressive Scan CMOS	1/3" Progressive Scan CMOS	1/3" Progressive Scan CMOS
Resolution	2688 × 1520	2688 × 1520	2688 × 1520
Video Compression	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG
Min. Illumination	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
Lens	2.8 to 12 mm	2.8 to 12 mm	2.8 mm
FOV	2.8 to 12 mm, horizontal FOV 108° to 30°, vertical FOV 56° to 17°, diagonal FOV 131° to 35°	2.8 to 12 mm, horizontal FOV 108° to 32.8°, vertical FOV 56° to 18.5°, diagonal FOV 131° to 37.8°	2.8 mm, horizontal FOV 103°, vertical FOV 55°, diagonal FOV 123°
Max. IR Range	40 m	40m	-2I: 60 m -4I: 80 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 (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
Protection Level	IP66, IK10	IP66, IK10	IP67
Angle Adjustment	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 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)
Humidity	95% or less (non-condensing)	95% or less (non-condensing)	95% or less (non-condensing)
Local Storage	256 GB	256 GB	256 GB
Indoor/Outdoor	Outdoor	Outdoor	Outdoor
Audio I/O	1 In, 1 Out	1 In, 1 Out	-
Alarm I/O	1 In, 1 Out	1 In, 1 Out	-
Power	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)	12 VDC ± 25%, PoE (802.3af, class 3)

Model	DS-2CD2087G2-LU	DS-2CD2347G2-LSU/SL	DS-2CD2347G2-LU	DS-2CD2387G2-LU
Image	ColorVu AcuSense	ColorVu AcuSense	ColorVu AcuSense	ColorVu AcuSense
Image Sensor	1/1.2" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.2" Progressive Scan CMOS
Resolution	3840 x 2160	2688 × 1520	2688 × 1520	3840 × 2160
Video Compression	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.265+/H.264+/H.264 / MJPEG	H.265/H.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
WDR	130dB	130dB	130dB	130 dB
Lens	2.8 mm	2.8 mm	2.8 mm, 4 mm	2.8 mm
FOV	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° 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	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 (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 (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
Protection Level	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 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)
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	Bulit-in microphone
Audio I/O	-U: Built-in microphone	1 In, 1 Out Built-in microphone Built-in speaker	-U: Built-in microphone	
Alarm I/O	-	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)	PoE: 802.3af, 36 V to 57 V, 0.18 A to 0.11 A, max. 6.5 W

PTZ DOME CAMERAS

15 **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

DE3

Model	DS-2DE3A400BW-DE_W(F1)
Image	
Image Sensor	1/1.8" progressive scan CMOS
Resolution	2560 × 1440
Video Compression	H.265+/H.265/H.264+/H.264/MJPEG
Lens	4 mm
Angle of View	Horizontal field of view: 88.7° Vertical field of view: 46.5° Diagonal field of view: 105.0°
Min. Illumination	Colour: 0.0005 Lux @ (F1.0, AGC ON); 0 Lux with white light
WDR	120dB
Max. IR Range	30m white light
VCA	Face capture, intrusion detection, line crossing detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection, audio exception 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)
Streams	3
Protection Level	IP66; 6000 V Lightning Protection, Surge Protection and Voltage Transient Protection
Pan Range	0° to 350°
Tilt Range	0° to 90°
Pan Speed	0.1°/s to 60°/s
Tilt Speed	0.1°/s to 50°/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 512 GB
Audio I/O	1/1
Alarm I/O	1/1
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)

DE4

Model	DS-2DE4215IW-DE	DS-2DE4425IW-DE
Image		
Image Sensor	1/2.8" Progressive Scan CMOS	1/2.5" Progressive Scan CMOS
Resolution	1920×1080	2560 × 1440
Video Compression	Main Stream: H.265+/H.265/H.264+/H.264	Main Stream: H.265+/H.265/H.264+/H.264
Lens	5 mm to 75 mm, 15× optical zoom	4.8 mm to 120 mm, 25× optical zoom
Angle of View	Horizontal field of view: 53.8° to 4° (Wide-Tele) Vertical field of view: 31.9° to 2.3° (Wide-Tele) Diagonal field of view: 60.4° to 4.6° (Wide-Tele)	Horizontal field of view: 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	100 m	100 m
VCA	Intrusion detection, line crossing detection, region entrance detection, region exiting detection, object removal detection, unattended baggage detection	Intrusion detection, line crossing detection, region entrance detection, region exiting detection, object removal detection, unattended baggage detection, audio exception detection
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 (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 80°/s, Preset speed: 80°/s	Configurable, from 0.1°/s to 80°/s, Preset speed: 80°/s
Tilt Speed	Configurable, from 0.1°/s to 80°/s Preset Speed: 80°/s	Configurable, from 0.1°/s to 80°/s Preset Speed: 80°/s
Operating Temperature	-30°C to 65°C (-22°F to 149°F)	-30°C to 65°C (-22°F to 149°F)
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
Alarm I/O	-	-
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-2DE4A215IW-DE	DS-2DE4A225IW-DE
Image		
Image Sensor	1/2.8" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS
Resolution	1920×1080	1920×1080
Video Compression	Main Stream: H.265+/H.265/H.264+/H.264	Main Stream: H.265+/H.265/H.264+/H.264
Lens	5 mm to 75 mm, 15x optical	4.8 mm to 120 mm, 25x optical
Angle of View	Horizontal field of view: 53.8° to 4.0° (wide-tele) Vertical field of view: 31.9° to 2.3° (wide-tele) Diagonal field of view: 60.4° to 4.6°(wide-tele)	Horizontal field of view: 57.6° to 2.5° (Wide-Tele) Vertical field of view: 34.4° to 1.4° (Wide-Tele) Diagonal field of view: 64.5° to 2.9° (Wide-Tele)
Min. Illumination	Colour: 0.005 Lux @(F1.6, AGC ON)	Colour: 0.005 Lux @(F1.6, AGC ON)
WDR	120dB	120dB
Max. IR Range	50 m	50 m
VCA	Audio exception detection, face detection, intrusion detection, line crossing detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection	Audio exception detection, face detection, intrusion detection, line crossing detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection
Frame Rate	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 50fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720) 60fps (1920 × 1080, 1280 × 960, 1280 × 720)	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 50fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720) 60fps (1920 × 1080, 1280 × 960, 1280 × 720)
Streams	3	3
Protection Level	IP66 Standard; 4000V Lightning Protection, Surge Protection and Voltage Transient Protection	IP66 Standard, 4000V Lightning Protection, Surge Protection and Voltage Transient Protection
Pan Range	360° endless	360° endless
Tilt Range	From -5° to 90°(Auto-flip)	From -5° to 90° (Auto-flip)
Pan Speed	Configurable, from 0.1°/s to 300°/s Preset Speed: 350°/s	Configurable, from 0.1°/s to 300°/s Preset Speed: 350°/s
Tilt Speed	Configurable, from 0.1°/s to 160°/s Preset Speed: 200°/s	Configurable, from 0.1°/s to 160°/s Preset Speed: 200°/s
Operating Temperature	-30°C to 65°C (-22°F to 149°F)	-30°C to 65°C (-22°F to 149°F)
Humidity	≤ 90%	≤ 90%
Local Storage	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 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	-	2/2
Power	12 VDC & PoE (802.3at) Max.: 18 W (Max. 5 W for IR)	12 VDC & PoE (802.3at) Max.: 18 W (Max. 5 W for IR)

DE5

Model	DS-2DE5425IW-AE
Image	
Image Sensor	1/2.5" Progressive Scan CMOS
Resolution	2560 × 1440
Video Compression	Main Stream: H.265+/H.265/H.264+/H.264
Lens	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)
Min. Illumination	Colour: 0.005 Lux @(F1.6, AGC ON)
WDR	120dB
Max. IR Range	150 m
VCA	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)
Streams	3
Protection Level	IP66 Standard, 4000V Lightning Protection, Surge Protection and Voltage Transient Protection
Pan Range	360° endless
Tilt Range	From -15° to 90° (auto-flip)
Pan Speed	Configurable, from 0.1°/s to 120°/s
Tilt Speed	Configurable, from 0.1°/s to 80°/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; NAS (NFS, SMB/ CIFS), ANR
Audio I/O	1/1
Alarm I/O	2/1
Power	24 VAC & Hi-PoE Max.: 30 W (Max. 10 W for IR)

HeatPro

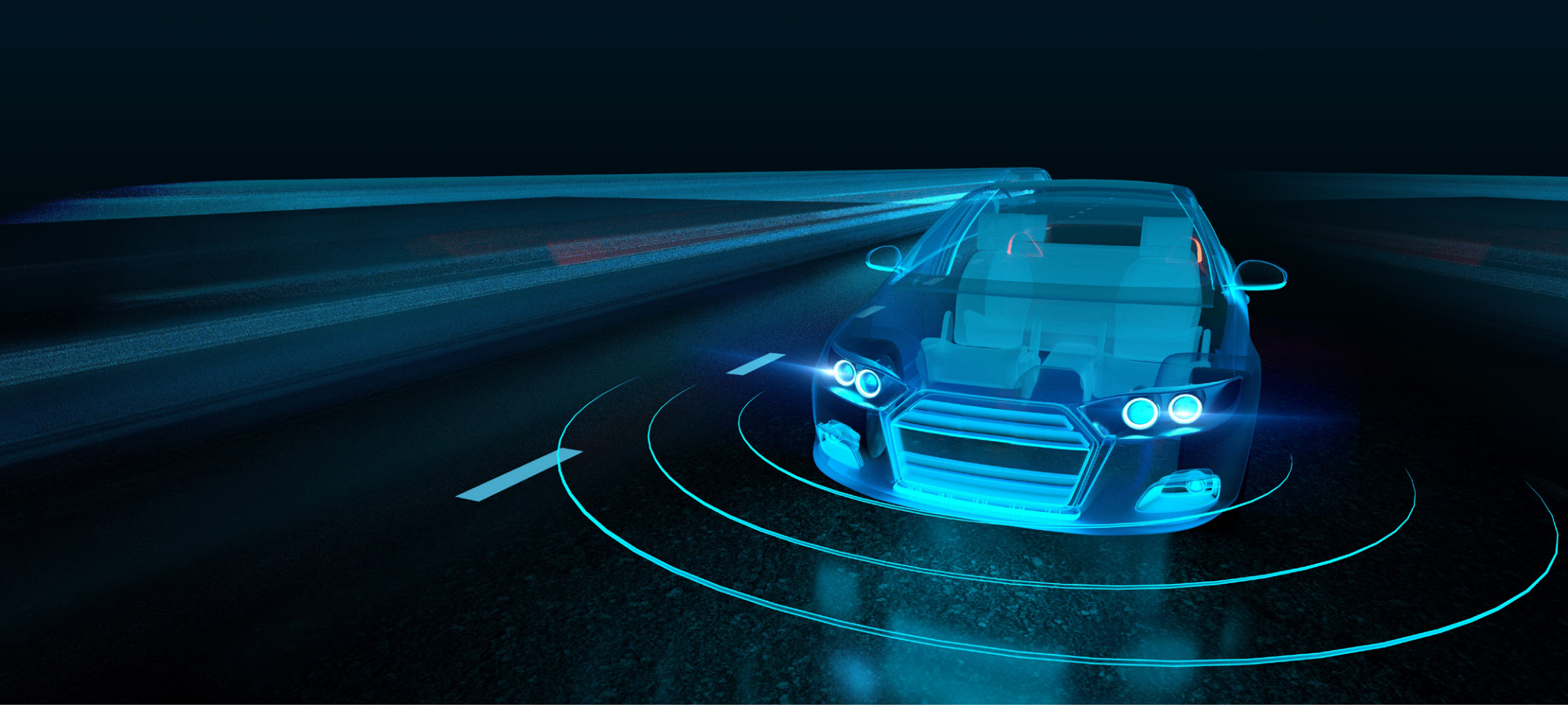
HEATPRO

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, retail, parking, museums, data centers, and other vertical industries.

- 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 prevention
- Visual and auditory alarms (offered by / PA models)

Model	DS-2TD1217-3/QA	DS-2TD2617-3/QA	DS-2TD2617-6/QA
Image			
Sensor (Thermal)	Vanadium Oxide Uncooled Focal Plane Arrays	Vanadium Oxide Uncooled Focal Plane Arrays	Vanadium Oxide Uncooled Focal Plane Arrays
NETD	< 40 mK (@ 25 °C, F# = 1.1)	< 40 mK (@25 °C,F# = 1.1)	< 40 mK (@25 °C,F# = 1.1)
Pixel Pitch (Thermal)	17 μm	17 μm	17 μm
Resolution (Thermal)	160 × 120	160 × 120	160 × 120
Sensor (Optical)	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS
Max. Resolution (Optical)	2688 × 1520	2688 × 1520	2688 × 1520
Min. Illumination (Optical)	Color: 0.0176 Lux @ (F2.25, AGC ON), B/W: 0.0035 Lux @ (F2.25, AGC ON)	Color: 0.0176 Lux @ (F2.25, AGC ON), B/W: 0.0035 Lux @ (F2.25, AGC ON)	Color: 0.0176 Lux @ (F2.25, AGC ON), B/W: 0.0035 Lux @ (F2.25, AGC ON)
Lens Thermal:	3.1 mm	3.1 mm	6.2 mm
Optical lens	4 mm	4 mm	8 mm
Field of View (Thermal)	50.0° × 37.2° (H × V)	50.0° × 37.2° (H × V)	25.0° × 18.7° (H × V)
Video Compression	H.265/H.264/MJPEG	H.265/H.264/MJPEG	H.265/H.264/MJPEG
Frame Rate	25 fps	25 fps	25 fps
Ingress Protection	IP66	IP66	IP66
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%	1, 3.5 mm Mic in/Line in interface Line input: 2 - 2.4 V (p-p), output impedance: 1 KΩ ± 10%
Audio Output	Linear level, impedance: 600 Ω	Linear level, impedance: 600 Ω	Linear level, impedance: 600 Ω
Alarm Input	1, alarm input (0-5 VDC)	2, alarm input (0-5 VDC)	2, alarm input (0-5 VDC)
Alarm Output	1, alarm output (alarm response actions configurable)	2, alarm input (0-5 VDC)	2, alarm output (alarm response actions configurable)
Power	12 VDC ± 25%	12 VDC ± 25%	12 VDC ± 25%
PoE	PoE (802.3af, class 3): 42.5 V to 57 V, 0.14 A to 0.22 A, Max. 6.5 W	PoE (802.3af, class 3): 42.5 V to 57 V, 0.14 A to 0.22 A, Max. 6.5 W	PoE (802.3af, class 3): 42.5 V to 57 V, 0.14 A to 0.22 A, Max. 6.5 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: 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, Region Exiting	Line Crossing, Intrusion, Region Entrance, Region Exiting
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)
Temperature Accuracy	± 8 °C (± 14.4 °F)	± 8 °C (± 14.4 °F)	± 8 °C (± 14.4 °F)



ANPR SERIES

The Hikvision ANPR application captures a vehicle's number plate in real time and then compares or adds it to a pre-defined list. Once a number plate has been recognised and stored, an appropriate action is taken, such as opening a gate, adding a cost, or generating an alert. Deep Learning algorithms distinguish between small and large vehicles, with the added ability to detect the vehicle make, model and colour. The system can be programmed to search for anomalies such as cars travelling in designated bus lanes, or vehicles driving without number plates.

Model	iDS-2CD7A26G0/P-IZHSY(2.8-12mm)(C)(UK)	iDS-2CD7A26G0/P-IZHSY(8-32mm)(C)(UK)
Image	DeepinView	DeepinView
Image Sensor	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS
Max. Resolution	1920 × 1080	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
Min. Illumination	Colour: 0.0005 Lux @ (F1.2, AGC ON); B/W: 0.0001 Lux @ (F1.2, AGC ON), 0 Lux with IR	Colour: 0.0005 Lux @ (F1.2, AGC ON); B/W: 0.0001 Lux @ (F1.2, AGC ON), 0 Lux with IR
WDR	140 dB	140 dB
Lens	2.8 to 12 mm	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 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	50 m	100 m
Deep Learning Function	Perimeter Protection (Line crossing, intrusion, region entrance, region exiting) Road Traffic and Vehicle Detection (Blocklist and allowlist: up to 10,000 records)	Perimeter Protection (Line crossing, intrusion, region entrance, region exiting) Road Traffic and Vehicle Detection (Blocklist and allowlist: up to 10,000 records)
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)
Streams	5+5	5+5
Protection Level	IP67, IK10	IP67, IK10
Operating Temperature	-40 °C to 60 °C (-22 °F to 140 °F)	-40 °C to 60 °C (-22 °F to 140 °F)
Humidity	Humidity 95% or less (non-condensing)	Humidity 95% or less (non-condensing)
Local Storage	Built-in micro SD/SDHC/SDXC slot, up to 256 GB	Built-in micro SD/SDHC/SDXC slot, up to 256 GB
Indoor/Outdoor	Outdoor	Outdoor
Audio I/O	1 input (line in), 1 output (line out), 3.5 mm connector	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 input, 2 outputs (max. 24 VDC, 1 A)
Power	12 VDC ± 20%, 1.19 A, max. 14.28 W, three-core terminal block PoE: 802.3at, Type 2, Class 4, 42.5 V to 57 V), 0.396 A to 0. 295 A, max. 16.8 W	12 VDC ± 20%, 1.19 A, max. 14.28 W, three-core terminal block PoE: 802.3at, Type 2, Class 4, 42.5 V to 57 V), 0.396 A to 0. 295 A, max. 16.8 W

NVR

23 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-K2/8P	DS-7616NI-K2/16P	DS-7608NI-I2/8P
Image				
Channel No.	4-ch	8-ch	16-ch	8-ch
Decoding Format	H.265/H.265+/H.264/H.264+/MPEG4	H.265/H.265+/H.264/H.264+/MPEG4	H.265/H.265+/H.264/H.264+/MPEG4	H.265/H.265+/H.264/H.264+/MPEG4
Incoming/Outgoing Bandwidth	40Mbps/ 80Mbps	80Mbps/ 160Mbps	160Mbps/ 160Mbps	80 Mps/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)
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/4 MP/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)
Storage Capacity	1 SATA interface Up to 8TB capacity for each HDD	2 SATA interfaces Up to 6TB capacity for each HDD	2 SATA interfaces Up to 6TB capacity for each HDD	2 SATA interfaces Up to 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
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	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
PoE Port	4P	8P	16P	8P
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
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
Power Consumption (without HDD)	≤ 10W(without enabling PoE)	≤15 W(without enabling PoE)	≤15 W(without enabling PoE)	≤15 W (without enabling PoE)

Model	DS-7616NI-I2/16P	DS-7716NI-I4/16P	DS-7716NI-I4	DS-7732NI-I4/16P
Image				
Channel No.	16-ch	16-ch	16-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	160 Mbps/256 Mbps	160Mbps/ 256Mbps	160Mbps/ 256Mbps	256Mbps/ 256Mbps
Decoding Capacity	2-ch @ 12 MP (20fps) / 4-ch @ 8 MP (25fps) / 8-ch @ 4MP (30fps) / 16-ch @ 1080p (30fps)	2-ch @ 12 MP (20fps) / 4-ch @ 8 MP (25fps) / 8-ch @ 4MP (30fps) / 16-ch @ 1080p (30fps)	2-ch @ 12 MP (20fps) / 4-ch @ 8 MP (25fps) / 8-ch @ 4MP (30fps) / 16-ch @ 1080p (30fps)	2-ch @ 12 MP (20fps) / 4-ch @ 8 MP (25fps) / 8-ch @ 4MP (30fps) / 16-ch @ 1080p (30fps)
Recording Resolution	12 MP/8 MP/6 MP/5 MP/4 MP/3MP/1080p/UXGA/720p / VGA/4CIF /DCIF/2CIF/CIF/QCIF	12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA /4CIF / DCIF/ 2CIF/CIF/QCIF	12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA /4CIF / DCIF/ 2CIF/CIF/QCIF	12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA /4CIF / DCIF/ 2CIF/CIF/QCIF
Display	1 HDMI/1 VGA/(CVBS optional)	2HDMI/1 VGA/1CVBS	2HDMI/1 VGA/1CVBS	2HDMI/1 VGA/1CVBS
Storage Capacity	2 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
Video Output	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	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
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	16/4(optional:16/8)	16/4(optional:16/8)	16/4(optional:16/8)
Network Interface	1 RJ-45 10/100/1000 Mbps self adaptive Ethernet interface	1 RJ-45 10/100/1000 Mbps self adaptive Ethernet interface	2 RJ-45 10/100/1000 Mbps self adaptive Ethernet interface	1 RJ-45 10/100/1000 Mbps self adaptive Ethernet interface
PoE Port	16P	16P	-	16P
USB Port	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	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)	≤15 W (without enabling PoE)	≤20 W (without enabling PoE)	≤20 W	≤20 W (without enabling PoE)

TURBO HD CAMERAS

27 **WITH COLORVU TECHNOLOGY**

31 **WITH LIVE GUARD TECHNOLOGY**

33 **VALUE SERIES**

36 **PRO 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
- PoC for easy installation

Model	DS-2CE72DF3T-F(2.8mm)	DS-2CE12HFT-F28(2.8mm)	DS-2CE72HFT-F28 (2.8mm)	DS-2CE72HFT-E
Image	ColorVu	ColorVu	ColorVu	ColorVu
Description	2 MP Full Time Colour Turret Camera	5 MP Full Time Colour Bullet Camera	5 MP Full Time Color Turret Camera	5 MP Full Time Colour Turret 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: 0.0005 Lux @ (F1.0, AGC ON), 0 Lux with white light	Colour: .0005 Lux @ (F1.0, AGC ON), 0 Lux with White Light
FOV	2.8 mm, horizontal FOV: 104°, vertical FOV: 54°, diagonal FOV: 126°	2.8 mm, horizontal FOV: 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°
Angle Adjustment	Pan: 0° to 360°, Tilt: 0° to 75°, Rotate: 0° to 360°	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°
Day & Night	Colour	Colour	Colour	Colour
WDR	WDR	WDR	WDR	WDR
White Light Range	Up to 20 m white light distance	Up to 40 m white light distance	Up to 20 m	Up to 20 m
HD Video Output	Switchable TVI / AHD / CVI / CVBS	Switchable TVI/AHD/CVI/CVBS	Switchable TVI / AHD / CVI / CVBS	1 HD analogue output
CVBS Output	-	-	-	_
White Balance	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual
BLC	Yes	-	-	_
3D DNR	3D DNR	3D DNR	3D DNR	3D DNR
Functions	Brightness, Sharpness, 3D DNR, Mirror, Smart light	Brightness, Sharpness, Mirror, Smart Light	Brightness, Sharpness, Mirror, Smart Light	Brightness, Sharpness, Mirror, Smart Light
Protection Level	IP67	IP67	IP67	IP67
Alarm I/O	-	-	-	_
Power	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC±25%/PoC.af

Model	DS-2CE12KF0T-FS(2.8mm)	DS-2CE70KF0T-MFS(2.8mm)	DS-2CE72KF0T-FS(2.8mm)	DS-2CE72KF3T(2.8mm)
Image	ColorVu	ColorVu	ColorVu	ColorVu
Description	3K Full Time Colour Audio Bullet Camera	3K Full Time Colour Audio Turret Camera	3K Full Time Colour Audio Turret Camera	3K Full Time Colour Turret 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: 0.001 Lux @ (F1.0, AGC ON), 0 Lux with white light	Colour: 0.0003 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°	Horizontal FOV: 102°, vertical FOV: 56°, diagonal FOV: 122°	Horizontal FOV: 112°, vertical FOV: 60°, diagonal FOV: 133°
Angle Adjustment	Pan: 0° to 360°, Tilt: 0° to 180°, Rotation: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 75°, Rotation: 0° to 360°	Pan: 0° to 360°, Tilt: 0° to 75°, Rotation: 0° to 360°	Pan: 0 to 360°, Tilt: 0 to 75°, Rotation: 0 to 360°
Day & Night	Colour	Colour	Colour	Colour
WDR	DWDR	DWDR	DWDR	WDR
White Light Range	Up to 40 m white light distance	Up to 20 m white light distance	Up to 20 m white light distance	Up to 40 m
HD Video Output	Switchable TVI/AHD/CVI/CVBS	Switchable TVI/AHD/CVI/CVBS	Switchable TVI/AHD/CVI/CVBS	1 HD analogue output
CVBS Output	-	-	-	-
White Balance	Auto/Outdoor/Global/Manual	Auto/Outdoor/Global/Manual	Auto/Outdoor/Global/Manual	Auto/Manual
BLC	-	-	-	-
3D DNR	2D DNR	2D DNR	2D 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	Defective Pixel Correction, Sharpness, Mirror, Contrast, Brightness, Anti-Banding, Smart Light	Brightness, Sharpness, Mirror, Smart Light
Protection Level	IP67	IP67	IP67	IP67
Alarm I/O	-	-	-	-
Power	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%

Model	DS-2CE12KF3T(2.8mm)	DS-2CE72KF3T-E(2.8mm)	DS-2CE72UF3T-E	DS-2CE12UF3T-E
Image	ColorVu	ColorVu	ColorVu	ColorVu
Description	3K Full Time Colour Bullet Camera	3K Full Time Colour 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: 0.0003 Lux @ (F1.0, AGC ON), 0 Lux with white light	Colour: 0.0003 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	Horizontal FOV: 112°, vertical FOV: 60°, diagonal FOV: 133°	Horizontal FOV: 112°, vertical FOV: 60°, diagonal FOV: 133°	Horizontal FOV: 110°, vertical FOV: 59°, diagonal FOV: 131°	Horizontal FOV: 110°, vertical FOV: 59°, diagonal FOV: 131°
Angle Adjustment	Pan: 0 to 360°, Tilt: 0 to 180°, Rotation: 0 to 360°	Pan: 0 to 360°, Tilt: 0 to 75°, Rotation: 0 to 360°	Pan: 0 to 360°, Tilt: 0 to 180°, 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	WDR
White Light Range	Up to 40 m	Up to 40 m	Up to 40 m	Up to 40 m
HD Video Output	1 HD analogue output	1 HD analogue output	1 HD analogue output	1 HD analogue output
CVBS Output	-	-	-	-
White Balance	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual
BLC	-	-	-	-
DNR	3D DNR	3D DNR	3D DNR	3D DNR
Functions	Brightness, Sharpness, Mirror, Smart Light	Brightness, Sharpness, Mirror, Smart Light	Brightness, Sharpness, Mirror, Smart Light	Brightness, Sharpness, Mirror, Smart Light
Protection Level	IP67	IP67	IP67	IP67
Alarm I/O	-	-	-	-
Power	12 VDC ±25%	12 VDC ± 25%/PoC.at	12 VDC ± 25%/PoC.at	12 VDC ± 25%/PoC.at

TURBO HD CAMERAS WITH LIVE GUARD TECHNOLOGY

Select Hikvision Turbo cameras come equipped with both Live Guard and ColorVu Technology. These cameras proactively deter intruders with white light and audio warnings, and provide 24/7 full colour imaging.

- 24/7 full colour imaging
- 130 dB True WDR
- Strobe alarm and audio warning alarm
- Line out port

Model	DS-2CE12KF3T-PIRX0(2.8mm)	DS-2CE72KF3T-PIRX0(2.8mm)	DS-2CE12UF3T-PIRX0(2.8mm)	DS-2CE72UF3T-PIRX0(2.8mm)
Image	ColorVu Live Guard	ColorVu Live Guard	ColorVu Live Guard	ColorVu Live Guard
Description	3K Full Time Live Guard Bullet Camera	3K Full Time Live Guard Bullet Camera	4K Full Time Live Guard Bullet Camera	4K Full Time Live Guard 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: 0.0003 Lux @ (F1.0, AGC ON), 0 Lux with white light	Colour: 0.0003 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	Horizontal FOV: 109°, vertical FOV: 58°, diagonal FOV: 129°	Horizontal FOV: 109°, vertical FOV: 58°, diagonal FOV: 129°	Horizontal FOV: 108°, vertical FOV: 57°, diagonal FOV: 127°	Horizontal FOV: 108°, vertical FOV: 57°, diagonal FOV: 127°
Angle Adjustment	Pan: 0 to 360°, Tilt: 0 to 180°, Rotation: 0 to 360°	Pan: 0 to 360°, Tilt: 0 to 75°, Rotation: 0 to 360°	Pan: 0 to 360°, Tilt: 0 to 180°, Rotation: 0 to 360°	Pan: 0 to 360°, Tilt: 0 to 75°, Rotation: 0 to 360°
Day & Night	Colour	Colour	Colour	Colour
WDR	WDR	WDR	WDR	WDR
Max. IR Range	Up to 40 m	Up to 20 m	Up to 40 m	Up to 20 m
HD Video Output	1 HD analogue output	1 HD analogue output	1 HD analogue output	1 HD analogue output
CVBS output	-	-	-	-
White Balance	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual
BLC	-	-	-	-
DNR	3D DNR	3D DNR	3D DNR	3D DNR
Functions	Brightness, Sharpness, Mirror, Smart Light	Brightness, Sharpness, Mirror, Smart Light	Brightness, Sharpness, Mirror, Smart Light	Brightness, Sharpness, Mirror, Smart Light
Protection Level	IP67	IP67	IP67	IP67
Alarm I/O	1 line out Flashing Light Alarm (White)	1 line out Flashing Light Alarm (White)	1 line out Flashing Light Alarm (White)	1 line out Flashing Light Alarm (White)
Power	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%	12 VDC ±25%

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

Value Series

Model	DS-2CE5AD0T-VPIT3F(2.7-13.5mm)(C)	DS-2CE78H0T-IT3FS	DS-2CE76H0T-ITMFS	DS-2CE5AH0T-AVPIT3ZF(2.7-13.5mm)(C)	DS-2CE76H0T-ITMF(C)
Image		Built-in Mic	Built-in Mic		
Description	HD 1080p Vandal Proof IR Dome Camera	5 MP CMOS	5 MP CMOS	5 MP Vandal PoC Motorised Varifocal Dome Camera	5 MP Fixed Turret Camera
Lens	2.7 mm to 13.5 mm motorized varifocal lens	2.8 mm fixed focal lens	2.8 mm focal lens	2.7 mm to 13.5 mm motorised varifocal lens	2.8 mm fixed focal lens
Min. Illumination	Color: 0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR	0.01 Lux@(F1.2, AGC ON), 0 Lux with IR	0.01 Lux@(F1.2, AGC ON), 0 Lux with IR	Colour: 0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR	0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR
FOV	Horizontal FOV: 100° to 30°, vertical FOV: 52° to 17°, diagonal FOV: 116° to 34.5°	2.8 mm, horizontal FOV: 85.5°, vertical FOV: 63.7°, diagonal FOV: 110.7°	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°
Angle Adjustment	Pan: 0° to 355°, Tilt: 0° to 75°, Rotation: 0° to 355°	Pan: 0 to 360°, Tilt: 0 to 75°, Zoom 0 to 360°	Pan: 0 to 360°, Tilt: 0 to 75°, Zoom 0 to 360°	Pan: 0° to 355°, Tilt: 0° to 75°, Rotation: 0° to 355°	Pan: 0 to 360°, Tilt: 0 to 75°, Rotation 0 to 360°
Day & Night	Colour & ICR	ICR	ICR	IR cut filter	ICR
WDR	DWDR	DWDR	DWDR	DWDR	DWDR/BLC/HLC/Global
Max. IR Range (meters)	Up to 40 m	Up to 40 m	Up to 30 m	Up to 40 m	Up to 30 m
HD Video Output	Switchable TVI/AHD/CVI/CVBS	Switchable TVI/AHD/CVI/CVBS	Switchable TVI/AHD/CVI/CVBS	Switchable TVI/AHD/CVI/CVBS	Switchable TVI/AHD/CVI/CVBS
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	Auto/Manual	ATW/MWB	Auto/Manual
BLC	BLC; HLC; Global; DWDR	-	-	BLC; HLC; Global; DWDR	DWDR/BLC/HLC/Global
DNR	2D DNR	2D DNR	2D DNR	2D	2D DNR
Functions	Brightness, Sharpness, Smart IR	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR	Sharpness; Brightness; Smart IR	Brightness, Sharpness, Mirror, Smart IR
Protection Level	IP67, IK10	IP67	IP67	IP67, IK10	IP67
Alarm I/O	-	-	-	-	-
Power	12 VDC ± 15%	12 VDC ± 25%	12 VDC ± 25%	12 VDC ±15%, 24 VAC ±15%	12 VDC ± 25%

Model	DS-2CE79H0T-IT3ZE(2.7-13.5mm)(C)	DS-2CE78H0T-IT3E(2.8mm)(C)	DS-2CE78U1T-IT3F	DS-2CE79U1T-IT3ZF(2.7-13.5mm)
Image			4K	4K
Description	5 MP PoC Motorised Varifocal Turret Camera	5 MP PoC Fixed Turret Camera	8 MP Bullet Camera	8 MP Bullet Camera
Lens	2.7 mm to 13.5 mm motorised varifocal lens	2.8 mm fixed focal lens	2.8 mm fixed focal lens	2.7 mm to 13.5 mm motorised auto focus 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	Colour: 0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR
FOV	95° to 26°	horizontal FOV: 85°, vertical FOV: 63°, diagonal FOV: 110°	102.2°	108.1°to 45.6°
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 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 40 m	Up to 60 m	Up to 60 m
HD Video Output	1 HD analogue output	1 HD analogue output	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	ATW/MWB
BLC	BLC;HLC;Global;DWDR	DWDR, BLC, HLC, Global	WDR/BLC/OFF	WDR/BLC/OFF
DNR	2D	2D	2D	2D
Functions	Sharpness; Brightness; Smart IR	Brightness, Sharpness, 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 ±15%, PoC	12 VDC ±25%	9 VDC to 15 VDC

TURBO HD CAMERAS PRO SERIES

Pro Series Cameras provide high quality imaging with advanced technologies including ultra-high-definition resolutions, ultra-low-light performance, and 130 dB True WDR. Specific models can give users clearer details even in extremely wide, ultra-low light, and strongly back-lit environments.

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

Model	DS-2CE56D8T-IT3E(2.8mm)	DS-2CE56D8T-ITME(2.8mm)	DS-2CE56D8T-IT3ZE(2.7-13.5mm)	DS-2CE79H8T-AIT3ZF(2.7-13.5mm)
Image	Ultra-Low Light & PoC	Ultra-Low Light & PoC	Ultra-Low Light & PoC	Ultra-Low Light
Description	2 MP Ultra-Low Light PoC Turret Camera	2 MP Ultra-Low Light PoC Turret Camera	2 MP Ultra-Low Light VF PoC Turret Camera	5 MP Ultra-Low Light VF 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	2.7 mm to 13.5 mm motorised auto focus lens
Min. Illumination	Colour: 0.003 Lux @ (F1.2, AGC ON), 0 Lux with IR	Colour: 0.003 Lux @ (F1.2, AGC ON), 0 Lux with IR	Colour: 0.003 Lux @ (F1.2, AGC ON), 0 Lux with IR	Colour: 0.003 Lux @ (F1.2, AGC ON), 0 Lux with IR
FOV	Horizontal Field of View 103.5°	Horizontal Field of View 103.5°	Horizontal Field of View 32.1° to 103°	92.3° to 29.3°
Angle Adjustment	Angle Adjustment Pan: 0° to 360°, Tilt:0° to 75°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt:0° to 75°, Rotate: 0° to 360°	Pan: 0° to 360°, Tilt:0° to 75°, Rotate: 0° to 360°	Pan: 0° to 360°; Tilt:0° to 75°; Rotate: 0° to 360°
Day & Night	IR Cut Filter	IR Cut Filter	IR Cut Filter	IR Cut Filter
WDR	WDR	WDR	WDR	WDR
Max. IR Range (meters)	Up to 60 m	Up to 30 m	Up to 60 m	Up to 60 m
HD Video Output	1 HD analogue output	1 HD analogue output	1 HD analogue output	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/MANUAL	ATW/MANUAL	ATW/MANUAL	ATW/MWB
BLC	WDR/BLC/HLC/OFF	WDR/BLC/HLC/OFF	WDR/BLC/HLC/OFF	WDR/BLC/OFF
DNR	3D DNR	3D DNR	3D DNR	3D DNR
Functions	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, Mirror, Smart IR	Brightness, Sharpness, 3D DNR, Mirror, Smart IR
Protection Level	IP67	IP67	IP67	IP67
Alarm I/O	-	-	-	-
Power	12 VDC ±25%/PoC.af	12 VDC ±25%/PoC.af	12 VDC ±25%/PoC.at	12 VDC ± 20%, 24 VAC ± 20%

TURBO HD PTZ CAMERAS

39 **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

AE4

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

AE5

Model	DS-2AE5225TI-A
Image	
Description	1/2.8" HD progressive scan CMOS 1920 × 1080 resolution 25× optical zoom, 16× digital zoom 120 dB true WDR (Wide Dynamic Range) Up to 150 m IR distance 3D intelligent positioning Switchable TVI/AHD/CVI/CVBS video outputs
Lens	4.8 mm to 120 mm, 25× Optical
Min. Illumination	Colour: 0.005 Lux @(F1.6, AGC ON)
Angle Adjustment	57.6° to 2.5° (wide to tele)
Day & Night	ICR
WDR	≥ 120 dB
Max. IR Range	Up to 150 m
HD Video Output	Switchable TVI/AHD/CVI/CVBS video output, (NTSC or PAL composite, BNC)
White Balance	AUTO/MANUAL/HAUTO/ATW/INDOOR/OUTDOOR
BLC	Support
3D DNR	Support
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
Alarm I/O	2/1
Power	24 VAC Max.: 30 W (Max. 10 W for IR)

DVR

42 **PRO SERIES**

44 **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-7332HUHI-K4	DS-7316HUHI-K4	DS-7332HQHI-K4
Image			
Video Compression	H.265+ / 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	32-ch	16-ch	32-ch
IP Video Input	16-ch (Up to 48-ch), Up to 8 MP resolution	16-ch (Up to 32-ch), Up to 8 MP resolution	16-ch (Up to 48-ch), Up to 6 MP resolution
Audio Input	4-ch, RCA (2.0 Vp-p, 1 KΩ)	4-ch, RCA (2.0 Vp-p, 1 KΩ)	4-ch, RCA (2.0 Vp-p, 1 KΩ)
HDMI / VGA Output	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
HDMI2 Output	1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
CVBS Output	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480
Audio Output	1-ch, RCA (Linear, 1 KΩ)	2-ch, RCA (Linear, 1KΩ)	1-ch, RCA (Linear, 1 KΩ)
Encoding Capability	Main stream: 8MP@8fps; 5 MP@12fps; 4 MP@15fps; 3 MP@18fps; 1080p/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) Sub-stream: WD1/4CIF/CIF@25fps (P)/30fps (N)	Main stream: 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: When 1080p Lite mode not enabled: For 4 MP stream access: 4 MP lite@15fps; 1080p lite/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) For 3 MP stream access: 3 MP/1080p/720p/WD1/4CIF/VGA/CIF@15fps For 1080p stream access: 1080p/720p@15fps; 720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) For 720p stream access: 720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) When 1080p Lite mode enabled: For 4 MP stream access: 4 MP lite@15fps; 1080p lite/720p lite/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) For 3 MP stream access: 3 MP/1080p lite/720p lite/WD1/4CIF/VGA/CIF@15fps For 1080p stream access: 1080p lite/720p lite/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) For 720p stream access: 720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) Sub-stream: WD1/4CIF@12fps; CIF@25fps (P)/30fps (N)
SATA Capacity	4 SATA interface Up to 10 TB capacity for each disk	4 SATA interface Up to 10 TB capacity for each disk	4 SATA interface Up to 10 TB capacity for each disk
Array Type	RAID 0, RAID 1, RAID 5, RAID 6, RAID 10	RAID 0, RAID 1, RAID 5, RAID 6, RAID 10	-
Network Interface	2, RJ45 10M/100M/1000M self-adaptive Ethernet interface	2, RJ45 10M/100M/1000M self-adaptive Ethernet interface	1, RJ45 10M/100M/1000M self-adaptive Ethernet interface
Serial Interface	RS-232, RS-485 (full-duplex), Keyboard	RS-232, RS-485 (full-duplex), Keyboard	RS-232, RS-485 (full-duplex), Keyboard
USB Port	2 × USB 2.0 1 × USB 3.0	2 × USB 2.0 1 × USB 3.0	1 × USB 2.0 1 × USB 3.0
Smart Function	VCA (Line Crossing, Intrusion Detection) all channels	VCA (Line Crossing, Intrusion Detection) all channels	VCA (Line Crossing, Intrusion Detection) up to 4-ch
Alarm I/O	16/4	16/4	16/4
Power	100 to 240 VAC	100 to 240 VAC	100 to 240 VAC
Chassis	1.5U	1.5U	1.5U

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-M1/P(C)	iDS-7208HUHI-M2/P(C)	iDS-7216HUHI-M2/P(C)
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
Analogue Video Input	4-ch, Coaxial video-audio	8-ch, Coaxial video-audio	16-ch, Coaxial video-audio
IP Video Input	2-ch (up to 6-ch) Up to 8 MP resolution	4-ch (up to 12-ch) Up to 8 MP resolution	8-ch (up to 24-ch) Up to 8 MP resolution
Audio Input	4-ch, RCA (2.0 Vpp,1 KΩ) 4-ch via coaxial cable	4-ch, RCA (2.0 Vpp,1 KΩ) 8-ch via coaxial cable	4-ch, RCA (2.0 Vpp,1 KΩ) 16-ch via coaxial cable
HDMI / VGA Output	1-ch, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz HDMI/VGA simultaneous output	1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz HDMI/VGA simultaneous output	1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz HDMI/VGA simultaneous output
HDMI2 Output	-	-	-
CVBS Output	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480
Audio Output	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) *: 8 MP@8 fps is only available for channel 1.	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)	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)
SATA Capacity	1 SATA interface Up to 10 TB capacity for each disk	2 SATA interfaces Up to 10 TB capacity for each disk	2 SATA interfaces Up to 10 TB capacity for each disk
Network Interface	1, RJ45 10/100 Mbps self-adaptive Ethernet interface	1, RJ45 10/100/1000 Mbps self-adaptive Ethernet interface	1, RJ45 10/100/1000 Mbps self-adaptive Ethernet interface
Serial Interface	RS-485 (half-duplex)	RS-485 (half-duplex)	RS-485 (half-duplex)
USB Port	Front panel: 1 × USB 2.0; Rear panel: 1 × USB 2.0	Front panel: 1 × USB 2.0; Rear panel: 1 × USB 3.01 × USB 3.0	Front panel: 1 × USB 2.0; Rear panel: 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
Alarm I/O	4/1	8 /4	4/1
Power	48 VDC	48 VDC	48 VDC
Chassis	1U (315mm)	1U (380mm)	1U (380mm)

Model	iDS-7208HUHI-M1/S(C)	iDS-7216HUHI-K2/4S(C)	iDS-7204HUHI-K1/4S(C)
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
Analogue Video Input	4-ch	16-ch, Coaxial video-audio	4-ch
IP Video Input	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	2-ch (up to 6-ch) IP enhanced mode on: 4-ch (up to 8-ch), each up to 4 Mbps
Audio Input	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, 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, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI/VGA simultaneous output
HDMI2 Output	-	-	-
CVBS Output	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480
Audio Output	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/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: 8 MP@8 fps/5 MP@12 fps/4 MP@15 fps/3 MP@18 fps 1080p/720p/WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N) Sub-stream: WD1/4CIF/CIF@25 fps (P)/30 fps (N)
SATA Capacity	1 SATA interface Up to 10 TB capacity for each disk	2 SATA interfaces Up to 10 TB capacity for each disk	1 SATA interface Up to 10 TB capacity for each disk
Network Interface	1, RJ45 10M/100M/1000M self-adaptive Ethernet interface	1, RJ45 10/100/1000 Mbps self-adaptive Ethernet interface	1, RJ45 10M/100M self-adaptive Ethernet interface
Serial Interface	RS-485 (half-duplex)	RS-485 (half-duplex)	RS-485 (half-duplex)
USB Port	1 × USB 2.0 1 × USB 3.0	1 × USB 2.0 1 × USB 3.0	2 × USB 2.0
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
Alarm I/O	8/4	16 /4	4/1
Power	12 VDC	12 VDC	12 VDC
Chassis	1U (315mm)	1U (380mm)	1U (315mm)

Model	iDS-7204HQHI-K1/2S(C)	iDS-7216HQHI-M1/S(C)	iDS-7204HTHI-M1/S(C)
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
Analogue Video Input	4-ch	16-ch	4-ch, Coaxial video-audio
IP Video Input	1-ch (up to 5-ch) IP enhanced mode on: 2-ch (up to 6-ch), each up to 4 Mbps	2-ch (up to 18-ch) IP enhanced mode on: 8-ch (up to 24-ch), each up to 4 Mbps	4-ch (up to 8-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) 16-ch via coaxial cable	1-ch, RCA (2.0 Vpp,1 KΩ) 4-ch via coaxial cable
HDMI / VGA Output	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz,	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz,	1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz simultaneous output
HDMI2 Output	-	-	-
CVBS Output	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480
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 (P)/30 fps (N) For 3 MP stream access: 3 MP/1080p/720p/VGA/WD1/4CIF/CIF@15 fps For 1080p stream access: 1080p/720p@15 fps; VGA/WD1/4CIF/CIF@25 fps (P)/30 fps (N) For 720p stream access: 720p/VGA/WD1/4CIF/CIF@25 fps (P)/30 fps (N) When 1080p Lite mode enabled: 4 MP lite/3 MP@15 fps; 1080p lite/720p lite/VGA/WD1/4CIF/CIF@25 fps (P)/30 fps (N) Sub-stream: WD1/4CIF@12 fps; CIF@25 fps (P)/30 fps (N)	Main stream: When 1080p lite mode not enabled: For 4 MP stream access: 4 MP lite@15 fps; 1080p lite/720p/WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N) For 3 MP stream access: 3 MP/1080p/720p/VGA/WD1/4CIF/CIF@15 fps For 1080p stream access: 1080p/720p@15 fps; VGA/WD1/4CIF/CIF@25 fps (P)/30 fps (N) For 720p stream access: 720p/VGA/WD1/4CIF/CIF@25 fps (P)/30 fps (N) When 1080p Lite mode enabled: 4 MP lite/3 MP@15 fps; 1080p lite/720p lite/VGA/WD1/4CIF/CIF@25 fps (P)/30 fps (N) Sub-stream: WD1/4CIF@12 fps; CIF@25 fps (P)/30 fps (N)	Main stream: 8 MP@12 fps/3K@20 fps/5 MP@20 fps/5 MP@12 fps/3 MP@18 fps 4 MP/1080p/720p/WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N)
SATA Capacity	1 SATA interface, up to 10 TB capacity for each disk	1 SATA interface, up to 10 TB capacity for each disk	1 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 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	Front panel: 1 × USB 2.0; Rear panel: 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 4-ch	1. Human body & vehicle recognition 2. Motion2.0:all channels 3. VCA: Line crossing, Intrusion detection, up to 4-ch
Alarm I/O	-	-	-
Power	12 VDC	12 VDC	12 VDC
Chassis	1U (315mm)	1U (315mm)	1U (315mm)

MONITORS

49 **VALUE SERIES**

50 **PRO SERIES**

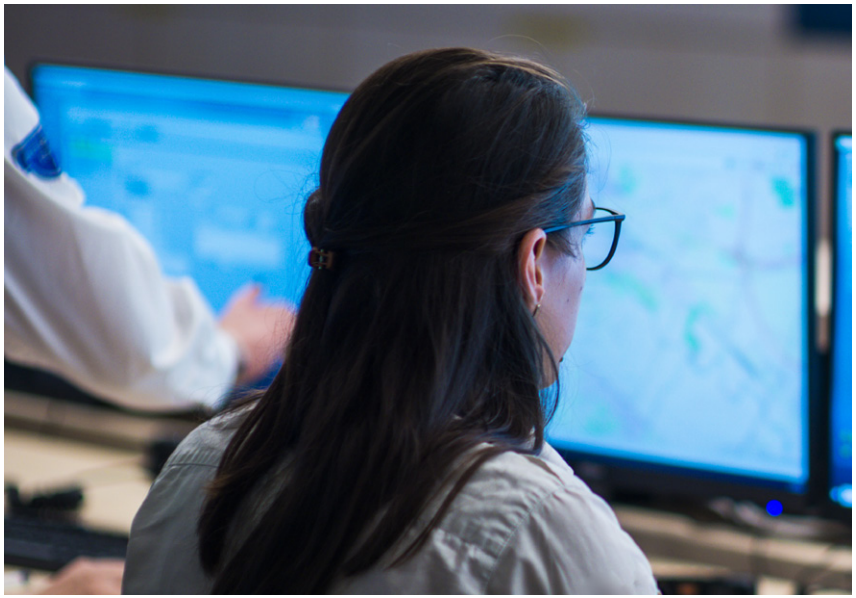
MONITORS
VALUE SERIES

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

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

Value Series

Model		DS-D5019QE-B	DS-D5022FN-C	DS-D5027FN
Image				
Display	Max Resolution	1366×768	1920 ×1080@60Hz	1920 ×1080@60Hz
	Backlight	LED-Backlit TFT LCD	E-LED	TFT-LED Backlight
	Active Display Area	18.5"	21.5"	27"
	Brightness	200cd/m2 (Typical)	250 cd/m²	300 cd/m²
	Aspect Ratio	16:9	16:9	16:9
	Contrast Ratio	600:1	3000:1	1000: 1
	Response Time	5ms	6.5ms	14ms
	Colour	16.7M	16.7million	16.7M
	Viewing Angle	Horizontal 90°, Vertical 65°	Horizontal 178°, Vertical 178°	Horizantal 178°, vertical 178°
Interface	Input	HDMIx1, VGA×1	VGA input 1 HDMI input 1	VGA input 1 HDMI input 1
	Output	-	-	-
	Speaker	-	-	-
General	Input Voltages	AC100 - 240V, 50/60Hz	12 VDC	100 to 240 VAC, 50/60Hz
	Power Consumption	≤ 25W	≤22W	≤ 40W
	Dimensions	446mm × 275mm × 45mm	492.356mm × 390.11mm × 200.20mm	614×454×226mm
	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
	VESA Mounting	75mm x 75mm	75mm x 75mm	100 ×100 mm
	Operating Temperature	0°C - 40 °C	0 to 40° C (0 to 104 ° F)	0 to 40 ° C (32 to 104 ° F)
	Working Time	7*24h	7*24h	7*24h
	Wall mounted Bracket (Optional)	DS-DM1940W	DS-DM1940W	DS-DM1940W
	Stand Bracket (Optional)	Included by default	Included by default	Included by default



MONITORS
PRO SERIES

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

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

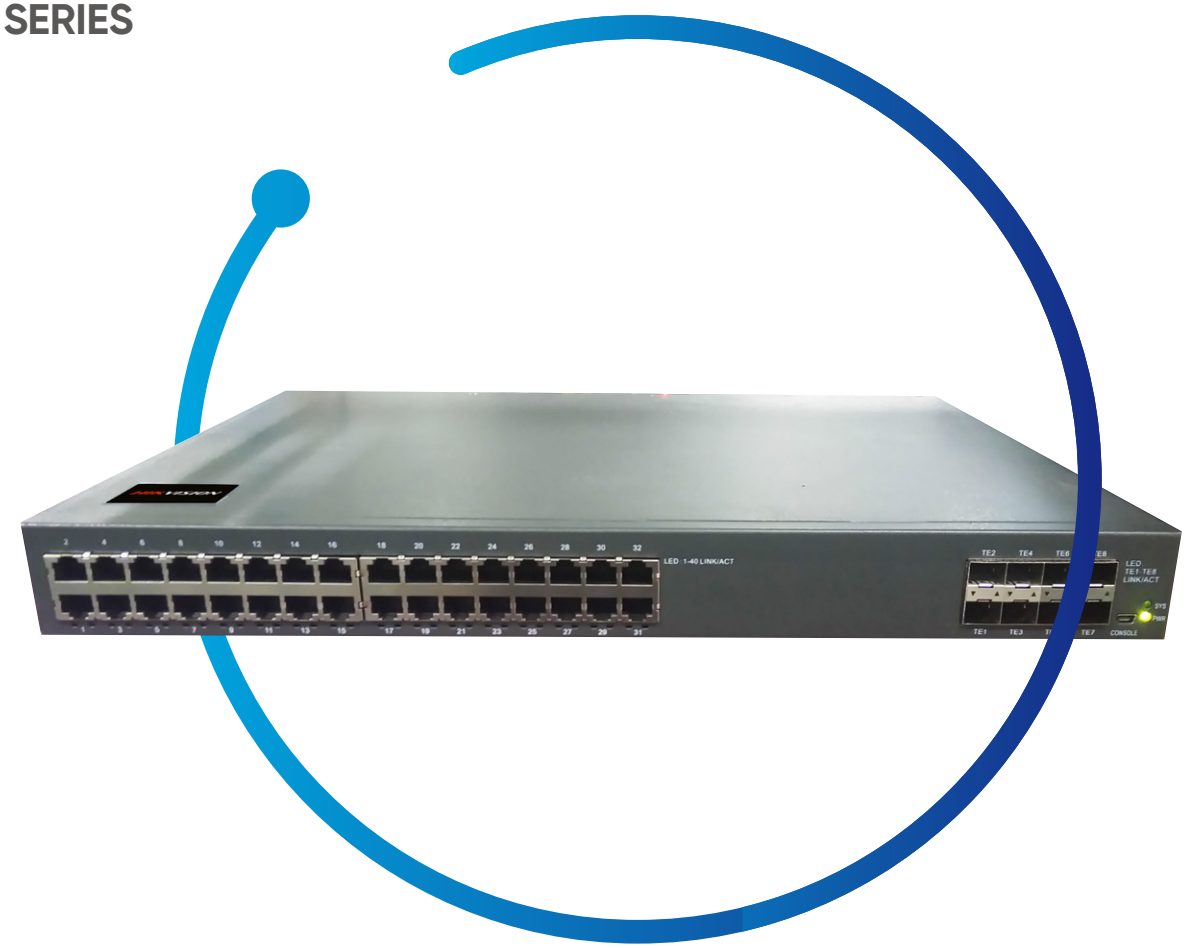
Pro Series

Model		DS-D5022FC-C	DS-D5024FC-C
Image			
Display	Max Resolution	1920×1080@60Hz	1920×1080@60Hz
	Backlight	E-LED	E-LED
	Active Display Area	478.656 (H) mm × 260.28 (V) mm	527.04(H) mm x 296.46(V) mm
	Brightness	250cd/m²	250cd/m²
	Aspect Ratio	16:9	16:9
	Contrast Ratio	3000:1	4000:1
	Response Time	6.5 ms	6.5 ms
	Colour	16.7M	16.7M
	Viewing Angle	Horizantal 178°, vertical 178°	Horizantal 178°, vertical 178°
Interface	Input	HDMI × 1, VGA × 1, Audio In × 1, USB 2.0 × 1, BNC × 1	HDMI × 1, VGA × 1, Audio In × 1, USB 2.0 × 1, BNC × 1
	Output	-	-
	Speaker	2*2W	2*2W
General	Input Voltages	100-240 VAC	100-240 VAC
	Power Consumption	< 22W (on); <0.5W (Standby)	< 22W (on); <0.5W (Standby)
	Dimensions	492.356 (W) mm × 289.680 (H) mm × 43.88 (D) mm	539.1 (W) mm × 328.325 (H) mm × 43.78 (D) mm
	Weight	4.0 ± 0.5 kg (Grossweight), 2.6 ± 0.5 kg (Net weight)	5.0 ± 0.5 kg (Grossweight), 3.6 ± 0.5 kg (Net weight)
	VESA Mounting	75 mm × 75 mm	75 mm × 75 mm
	Operating Temperature	0 to 40 ° C (32 to 104 ° F)	0 to 40 ° C (32 to 104 ° F)
	Working Time	7*24h	7*24h
	Wall mounted Bracket (Optional)	DS-DM1940W	DS-DM1940W
	Stand Bracket (Optional)	Included by default	Included by default

SWITCHES

52 **PRO SERIES**

54 **SMART MANAGED SERIES**



SWITCHES PRO SERIES

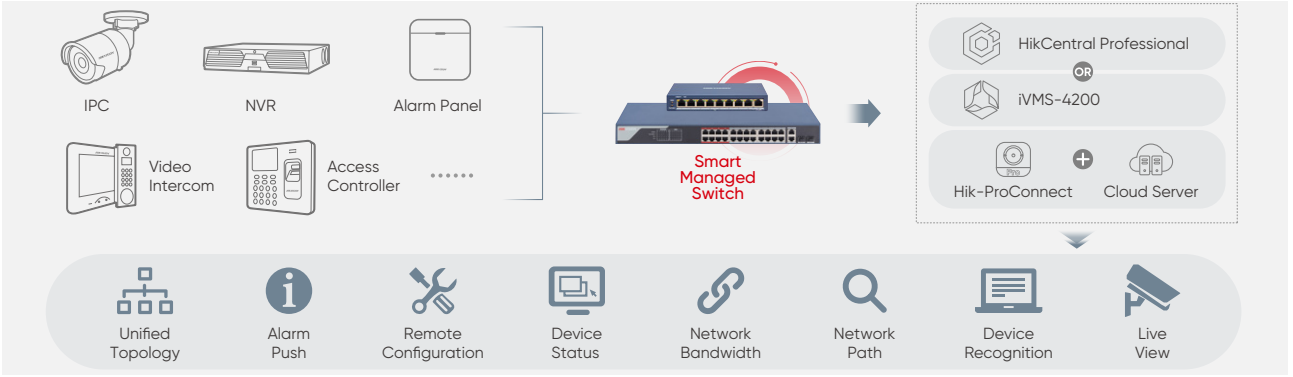
Aggregate access switches and provide powerful management functions.

- 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-3E0310HP-E	DS-3E0505P-E	DS-3E0510P-E	DS-3E0518P-E
Image					
Interface	Ethernet Port	1 × 10/100 Mbps Hi-PoE port 3 × 10/100 Mbps PoE ports 2 × 10/100 Mbps RJ45 ports	4 × Gigabit PoE ports 1 × Gigabit RJ45 port	8 × Gigabit PoE ports 1 × Gigabit RJ45 port	16 × Gigabit PoE ports 1 × Gigabit RJ45 port
	Uplink Port	2 × 10/100 Mbps RJ45 uplink ports	1 × Gigabit RJ45 port	1 × Gigabit RJ45 port and 1 × Gigabit SFP fibre optical port	1 × Gigabit RJ45 port and 1 × Gigabit SFP fibre optical port
	High Priority Port (default)	Ports 1 to 2	-	-	-
	PoE Standards	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	IEEE 802.3af, IEEE 802.3at
	PoE Ports	Port 1 to 4	Ports 1 to 4	Ports 1 to 8	Ports 1 to 16
	PoE Budget	60 W	60 W	110 W	230 W
	Hi-PoE	IEEE 802.3bt 60W	-	-	-
	PoE Extend Mode	Max. 250 m	6 KV	6 KV	6 KV
	Surge Protection	6 KV	-	-	-
Dialling Function	Long range	Support up to 250 m transmission	-	-	-
	Port isolation	-	-	-	-
	PoE watchdog	-	-	-	-
Performance	Packet Forwarding Rate	0.893 Mpps	7.44 Mpps	14.88 Mpps	26.784 Mpps
	Switching Capacity	1.2 Gbps	10 Gbps	20 Gbps	36 Gbps
	MAC Address Table	2 K	2 K	4 K	8 K
General	Power Supply	48 VDC, 1.35 A	48 VDC, 1.35 A	48 VDC, 2.5 A	100 to 240 VAC, 50/60 Hz, Max. 4 A
	Power Consumption	65 W	65 W	120W	250 W
	Dimension	145 mm × 25.6 mm × 68.45 mm	105 mm × 27.6 mm × 83.1 mm	217.6 mm × 27.8 mm × 108.55 mm	440 mm × 44 mm × 220.8 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-3E1106HP-EI	DS-3E1105P-EI	DS-3E1309P-EI
Image						
Interface	Ethernet Port	24 × 100Mbps PoE RJ45 ports	16 × 100Mbps PoE RJ45 ports	4 × 10/100 Mbps PoE ports	4 × 100Mbps PoE RJ45 ports	8 × 100Mbps PoE RJ45 ports
	Uplink Port	2 × gigabit combos	2 × gigabit combos	2 × 10/100 Mbps RJ45 ports	1 × 100Mbps network RJ45 port	1 × gigabit 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 802.3bt	IEEE 802.3af, IEEE 802.3at	IEEE 802.3af, IEEE 802.3at
	PoE Ports	Ports 1 to 24	Ports 1 to 16	Hi-PoE: Port 1 PoE: Ports 2 to 4	Ports 1 to 4	Ports 1 to 8
	PoE Budget	370 W	230 W	60 W	60 W	110 W
	Hi-PoE	-	-	Hi-PoE	-	-
	PoE Extend Mode	Max. 250 m	Max. 250 m	Max. 300 m	Max. 250 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 4: up to 300 m transmission	Ports 1 to 4: up to 250 m transmission	Ports 1 to 8: up to 250 m transmission
	Port isolation	-	-	-	-	-
	PoE watchdog	-	-	-	-	-
Performance	Packet Forwarding Rate	6.5472 Mpps	5.3568 Mpps	0.8928 Mpps	0.744 Mpps	2.6784 Mpps
	Switching Capacity	8.8 Gbps	7.2 Gbps	1.2 Gbps	1 Gbps	3.6 Gbps
	MAC Address Table	4 K	4 K	2 K	2 K	16 K
General	Power Supply	100-240 VAC, 50/60Hz, Max. 6.5 A	100-240 VAC, 50/60Hz, Max. 2.5 A	48 VDC, 1.35 A	48 VDC, 1.35 A	48 VDC, 2.5 A
	Power Consumption	400 W	250 W	65 W(Max)	65 W	120 W
	Dimension	440 mm × 44 mm × 221 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

CORE CHANNEL PRODUCTS

Q2 2022

Q2 2022 Guide

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