

IPC&NVR CATALOG



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About

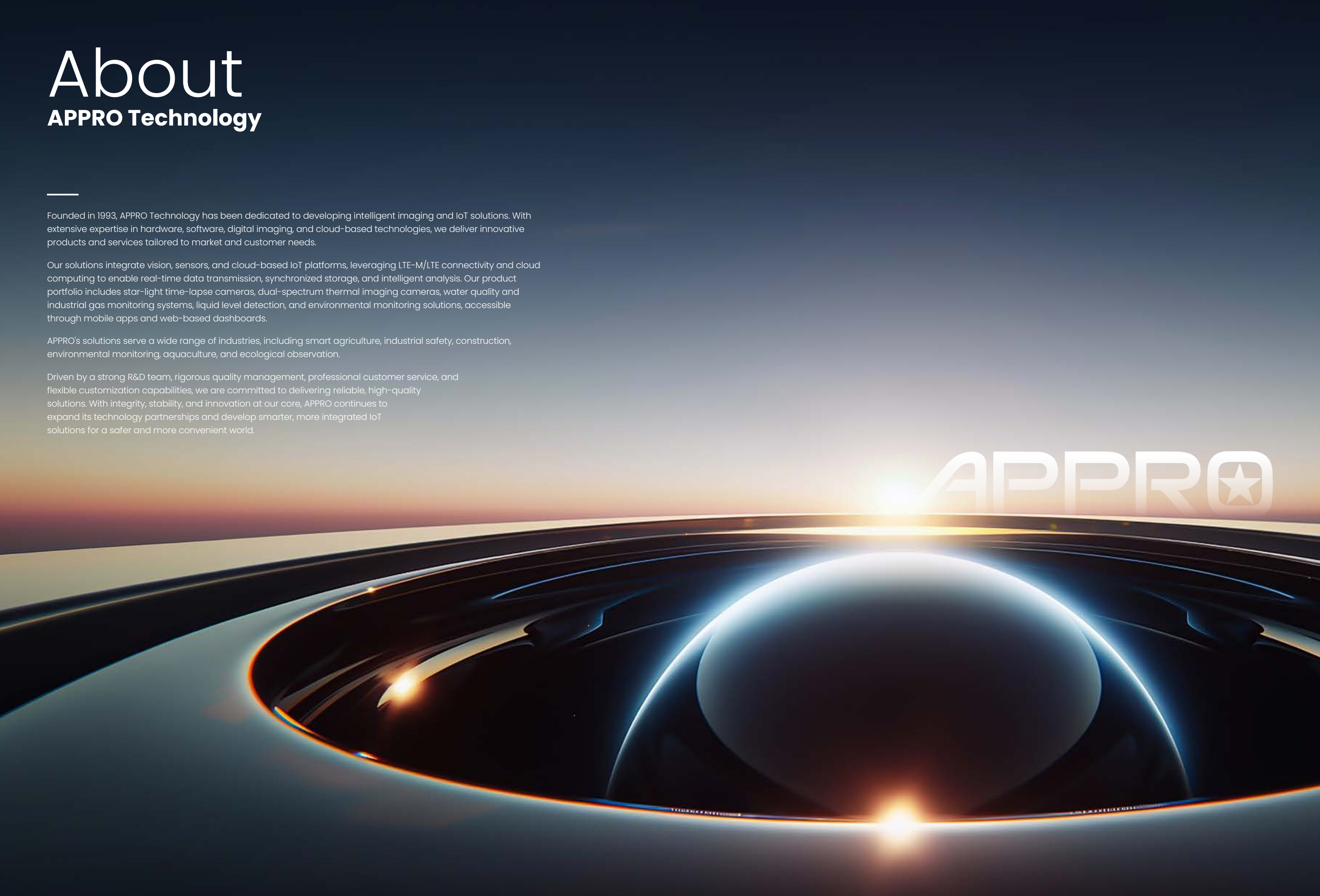
APPRO Technology

Founded in 1993, APPRO Technology has been dedicated to developing intelligent imaging and IoT solutions. With extensive expertise in hardware, software, digital imaging, and cloud-based technologies, we deliver innovative products and services tailored to market and customer needs.

Our solutions integrate vision, sensors, and cloud-based IoT platforms, leveraging LTE-M/LTE connectivity and cloud computing to enable real-time data transmission, synchronized storage, and intelligent analysis. Our product portfolio includes star-light time-lapse cameras, dual-spectrum thermal imaging cameras, water quality and industrial gas monitoring systems, liquid level detection, and environmental monitoring solutions, accessible through mobile apps and web-based dashboards.

APPRO's solutions serve a wide range of industries, including smart agriculture, industrial safety, construction, environmental monitoring, aquaculture, and ecological observation.

Driven by a strong R&D team, rigorous quality management, professional customer service, and flexible customization capabilities, we are committed to delivering reliable, high-quality solutions. With integrity, stability, and innovation at our core, APPRO continues to expand its technology partnerships and develop smarter, more integrated IoT solutions for a safer and more convenient world.



Products

/01 **Network Camera**

- Panoramic Series
- Pro Series
- X Series
- Lite Series
- Lite-S Series
- Basic Series
- Entry Series

/59 **PTZ Camera**

/65 **Thermal Network Cameras**

/69 **Network Video Recorder**



Mobile APP



PC-based VMS



Network Cameras

Panoramic Series

Panoramic series is engineered to deliver comprehensive situational awareness with seamless 180°, 270°, or 360° panoramic coverage.

Designed for environments that demand maximum visibility, these cameras provide a wide-angle field of view that minimizes blind spots and reduces the number of cameras required for full area monitoring.

By combining expansive coverage with efficient system design, the panoramic series helps lower installation and maintenance costs while ensuring reliable and detailed surveillance performance across diverse scenarios.



Human & Vehicle Detection



Smart Perimeter Protection



Two-Way Audio

Active Deterrence
with Red & Blue Warning Lights

Ultra-wide
Coverage



Wider Vision. Smarter Protection.

Model	IPC-B3P8-ILP-U	IPC-T3P8-ILP-U
Image		
		
Image Sensor	dual 1/2.7" Progressive Scan CMOS	dual 1/2.7" Progressive Scan CMOS
Max. Resolution	4656×1728(8MP)	4656×1728(8MP)
Min. Illumination	Color: 0.006 Lux@(F1.6,AGC ON),0 Lux with light	Color: 0.006 Lux@(F1.6,AGC ON),0 Lux with light
Angle Adjustment	Pan: 0°to 355°, Tilt: 0°to 90°	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°
Illumination Distance	IR up to 30m, white light up to 30m	IR up to 30m, white light up to 30m
Focal Length	2.8mm	2.8mm
Field of View	2.8mm: H:180°V:66°	2.8mm: H:180°V:66°
Video Compression	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265
Streaming Capability	3 streams	3 streams
Wide Dynamic Range	120dB	120dB
Storage	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)
Smart Function	Smart Motion Detection(SMD), Intrusion, Tripwire (support the classification and accurate detection of vehicle and human)	Smart Motion Detection(SMD), Intrusion, Tripwire (support the classification and accurate detection of vehicle and human)
	People counting,heatmap	People counting,heatmap
	Face Capture	Face Capture
Built-in Mic	Support	Support
Built-in Speaker	Support	Support
Operating Temperature	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)
Power Supply	12 VDC ± 25%;PoE,IEEE 802.3af	12 VDC ± 25%;PoE,IEEE 802.3af
Humidity	≤95% RH (non-condensing)	≤95% RH (non-condensing)
Indoor/Outdoor	Outdoor	Outdoor
Protection Level	IP67	IP67

Model	IPC-D3F6-I-U	IPC-D3F12-I-U
Image		
		
Image Sensor	1/2.5" Progressive Scan CMOS	1/1.56" Progressive Scan CMOS
Max. Resolution	2560×2560(6MP)	4000×3000(12MP)
Min. Illumination	Color: 0.006 Lux@(F2.0,AGC ON),0 Lux with light	Color: 0.006 Lux@(F2.0,AGC ON),0 Lux with light
Angle Adjustment	N/A	N/A
Illumination Distance	IR up to 15 m	IR up to 15 m
Focal Length	1.96mm	2mm
Field of View	1.96mm: H:180°V:180°D:180°	2mm: H:180°V:180°D:180°
Video Compression	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265
Streaming Capability	3 streams	3 streams
Wide Dynamic Range	120dB	DWDR
Storage	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)
Smart Function	Smart Motion Detection(SMD), Intrusion, Tripwire (support the classification and accurate detection of vehicle and human)	Smart Motion Detection(SMD), Intrusion, Tripwire (support the classification and accurate detection of vehicle and human)
	People counting,heatmap	People counting,heatmap
	N/A	N/A
Built-in Mic	Support	Support
Built-in Speaker	Support	Support
Operating Temperature	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)
Power Supply	12 VDC ± 25%;PoE,IEEE 802.3af	12 VDC ± 25%;PoE,IEEE 802.3af
Humidity	≤95% RH (non-condensing)	≤95% RH (non-condensing)
Indoor/Outdoor	Outdoor	Outdoor
Protection Level	IP67	IP67

Network Cameras

Pro Series



PRO

The Pro Series delivers advanced AI security with active deterrence, full-color and starlight imaging, face capture, heat mapping, people counting, and intelligent human and vehicle analytics, providing reliable protection for commercial and project-based applications.



Renewable Material Packaging

Model	IPC-B34-ILP-U	IPC-B35-ILP-U	IPC-B36-ILP-U	IPC-B38-ILP-U	IPC-B38-ILP-EU
Image					
	Live Defender	Live Defender	Live Defender	Live Defender	Live Defender
	Smart Hybrid Light	Smart Hybrid Light	Smart Hybrid Light	Smart Hybrid Light	Smart Hybrid Light
Image Sensor	1/2.9" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS
Max. Resolution	2688×1520(4MP)	2880×1620(5MP)	3200×1800(6MP)	3840×2160(8MP)	3840×2160(8MP)
Min. Illumination	Color: 0.003 Lux@(F1.0,AGC ON),0 Lux with light	Color: 0.003 Lux@(F1.0,AGC ON),0 Lux with light	Color: 0.003 Lux@(F1.0,AGC ON),0 Lux with light	Color: 0.003 Lux@(F1.0,AGC ON),0 Lux with light	Color: 0.004 Lux@(F1.0,AGC ON),0 Lux with light
Angle Adjustment	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°
Focal Length	2.8mm; 4mm	2.8mm; 4mm	2.8mm; 4mm	2.8mm; 4mm	2.8mm; 4mm
Field of View	2.8mm: H:101.7°V:54.5°,D:122.1° 4mm: H:84.1°V:45.4°,D:98.9°	2.8mm: H:111.0°V:58.5°,D:136.3° 4mm: H:91.1°V:48.7°,D:107.9°	2.8mm: H:111.0°V:58.5°,D:136.3° 4mm: H:91.1°V:48.7°,D:107.9°	2.8mm: H:109°V:57.5°,D:131.6° 4mm: H:93.1°V:50.5°,D:110.2°	2.8mm: H:111°V:58.5°,D:136.3° 4mm: H:91.1°V:48.7°,D:107.9°
Illumination Distance	IR up to 25m, white light up to 25m	IR up to 25m, white light up to 25m	IR up to 25m, white light up to 25m	IR up to 25m, white light up to 25m	IR up to 25m, white light up to 25m
Video Compression	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265
Streaming Capability	3 streams	3 streams	3 streams	3 streams	3 streams
Wide Dynamic Range	130dB	130dB	130dB	130dB	130dB
Storage	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)
Smart Function	Smart Motion Detection(SMD), Intrusion, Tripwire (support the classification and accurate detection of vehicle and human)				
	People counting,heatmap	People counting,heatmap	People counting,heatmap	People counting,heatmap	People counting,heatmap
	Face Capture	Face Capture	Face Capture	Face Capture	Face Capture
Built-in Mic	Support	Support	Support	Support	Support
Built-in Speaker	Support	Support	Support	Support	Support
Operating Temperature	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)
Power Supply	12 VDC ± 25%; PoE,IEEE 802.3af	12 VDC ± 25%; PoE,IEEE 802.3af	12 VDC ± 25%; PoE,IEEE 802.3af	12 VDC ± 25%; PoE,IEEE 802.3af	12 VDC ± 25%; PoE,IEEE 802.3af
Humidity	≤95% RH (non-condensing)	≤95% RH (non-condensing)	≤95% RH (non-condensing)	≤95% RH (non-condensing)	≤95% RH (non-condensing)
Indoor/Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Protection Level	IP67	IP67	IP67	IP67	IP67

Dual-light (IL) versions are available for all models on this page.

Model	IPC-B34-I-U	IPC-B35-I-U	IPC-B36-I-U	IPC-B38-I-U	IPC-B38-I-EU
Image					
	StarLight	StarLight	StarLight	StarLight	StarLight
Image Sensor	1/2.9" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS
Max. Resolution	2688×1520(4MP)	2880×1620(5MP)	3200×1800(6MP)	3840×2160(8MP)	3840×2160(8MP)
Min. Illumination	Color: 0.003 Lux@(F1.0,AGC ON),0 Lux with light	Color: 0.003 Lux@(F1.0,AGC ON),0 Lux with light	Color: 0.003 Lux@(F1.0,AGC ON),0 Lux with light	Color: 0.003 Lux@(F1.0,AGC ON),0 Lux with light	Color: 0.004 Lux@(F1.0,AGC ON),0 Lux with light
Angle Adjustment	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°
Focal Length	2.8mm; 4mm	2.8mm; 4mm	2.8mm; 4mm	2.8mm; 4mm	2.8mm; 4mm
Field of View	*2.8mm: H:101.7°V:54.5°,D:122.1° 4mm: H:84.1°V:45.4°,D:98.9°	2.8mm: H:111.0°V:58.5°,D:136.3° 4mm: H:91.1°V:48.7°,D:107.9°	2.8mm: H:111.0°V:58.5°,D:136.3° 4mm: H:91.1°V:48.7°,D:107.9°	2.8mm: H:109°V:57.5°,D:131.6° 4mm: H:93.1°V:50.5°,D:110.2°	2.8mm: H:111°V:58.5°,D:136.3° 4mm: H:91.1°V:48.7°,D:107.9°
Illumination Distance	IR up to 30m	IR up to 30m	IR up to 30m	IR up to 30m	IR up to 30m
Video Compression	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265
Streaming Capability	3 streams	3 streams	3 streams	3 streams	3 streams
Wide Dynamic Range	130dB	130dB	130dB	130dB	130dB
Storage	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)
Smart Function	Smart Motion Detection(SMD), Intrusion, Tripwire (support the classification and accurate detection of vehicle and human)				
	People counting,heatmap	People counting,heatmap	People counting,heatmap	People counting,heatmap	People counting,heatmap
	Face Capture	Face Capture	Face Capture	Face Capture	Face Capture
Built-in Mic	Support	Support	Support	Support	Support
Built-in Speaker	Support	Support	Support	Support	Support
Operating Temperature	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)
Power Supply	12 VDC ± 25%; PoE,IEEE 802.3af	12 VDC ± 25%; PoE,IEEE 802.3af	12 VDC ± 25%; PoE,IEEE 802.3af	12 VDC ± 25%; PoE,IEEE 802.3af	12 VDC ± 25%; PoE,IEEE 802.3af
Humidity	≤95% RH (non-condensing)	≤95% RH (non-condensing)	≤95% RH (non-condensing)	≤95% RH (non-condensing)	≤95% RH (non-condensing)
Indoor/Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Protection Level	IP67	IP67	IP67	IP67	IP67

Model	IPC-T34-ILP-U	IPC-T35-ILP-U	IPC-T36-ILP-U	IPC-T38-ILP-EU
Image				
	 Live Defender	 Live Defender	 Live Defender	 Live Defender
				
	Smart Hybrid Light	Smart Hybrid Light	Smart Hybrid Light	Smart Hybrid Light
Image Sensor	1/2.9" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS
Max. Resolution	2688×1520(4MP)	2880×1620(5MP)	3200×1800(6MP)	3840×2160(8MP)
Min. Illumination	Color: 0.003 Lux@(F1.0,AGC ON), 0 Lux with light	Color: 0.003 Lux@(F1.0,AGC ON), 0 Lux with light	Color: 0.003 Lux@(F1.0,AGC ON), 0 Lux with light	Color: 0.004 Lux@(F1.0,AGC ON), 0 Lux with light
Angle Adjustment	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°
Focal Length	2.8mm; 4mm	2.8mm; 4mm	2.8mm; 4mm	2.8mm; 4mm
Field of View	2.8mm: H:101.7°,V:54.5°,D:122.1° 4mm: H:84.1°,V:45.4°,D:98.9°	2.8mm: H:111.0°,V:58.5°,D:136.3° 4mm: H:91.1°,V:48.7°,D:107.9°	2.8mm: H:111.0°,V:58.5°,D:136.3° 4mm: H:91.1°,V:48.7°,D:107.9°	2.8mm: H:111°,V:58.5°,D:136.3° 4mm: H:91.1°,V:48.7°,D:107.9°
Illumination Distance	IR up to 25m, white light up to 25m	IR up to 25m, white light up to 25m	IR up to 25m, white light up to 25m	IR up to 25m, white light up to 25m
Video Compression	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265
Streaming Capability	3 streams	3 streams	3 streams	3 streams
Wide Dynamic Range	130dB	130dB	130dB	130dB
Storage	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)
Smart Function	Smart Motion Detection(SMD), Intrusion, Tripwire (support the classification and accurate detection of vehicle and human)			
	People counting,heatmap	People counting,heatmap	People counting,heatmap	People counting,heatmap
	Face Capture	Face Capture	Face Capture	Face Capture
Built-in Mic	Support	Support	Support	Support
Built-in Speaker	Support	Support	Support	Support
Operating Temperature	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)
Power Supply	12 VDC ± 25%;PoE,IEEE 802.3af	12 VDC ± 25%;PoE,IEEE 802.3af	12 VDC ± 25%;PoE,IEEE 802.3af	12 VDC ± 25%;PoE,IEEE 802.3af
Humidity	≤95% RH (non-condensing)	≤95% RH (non-condensing)	≤95% RH (non-condensing)	≤95% RH (non-condensing)
Indoor/Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Protection Level	IP67	IP67	IP67	IP67

Dual-light (IL) versions are available for all models on this page.

Model	IPC-T34-I-U	IPC-T35-I-U	IPC-T36-I-U	IPC-T38-I-EU
Image				
	 StarLight	 StarLight	 StarLight	 StarLight
				
Image Sensor	1/2.9" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS
Max. Resolution	2688×1520(4MP)	2880×1620(5MP)	3200×1800(6MP)	3840×2160(8MP)
Min. Illumination	Color: 0.003 Lux@(F1.0,AGC ON), 0 Lux with light	Color: 0.003 Lux@(F1.0,AGC ON), 0 Lux with light	Color: 0.003 Lux@(F1.0,AGC ON), 0 Lux with light	Color: 0.004 Lux@(F1.0,AGC ON), 0 Lux with light
Angle Adjustment	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°
Focal Length	2.8mm; 4mm	2.8mm; 4mm	2.8mm; 4mm	2.8mm; 4mm
Field of View	2.8mm: H:101.7°,V:54.5°,D:122.1° 4mm: H:84.1°,V:45.4°,D:98.9°	2.8mm: H:111.0°,V:58.5°,D:136.3° 4mm: H:91.1°,V:48.7°,D:107.9°	2.8mm: H:111.0°,V:58.5°,D:136.3° 4mm: H:91.1°,V:48.7°,D:107.9°	2.8mm: H:111°,V:58.5°,D:136.3° 4mm: H:91.1°,V:48.7°,D:107.9°
Illumination Distance	IR up to 30m	IR up to 30m	IR up to 30m	IR up to 30m
Video Compression	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265
Streaming Capability	3 streams	3 streams	3 streams	3 streams
Wide Dynamic Range	130dB	130dB	130dB	130dB
Storage	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)
Smart Function	Smart Motion Detection(SMD), Intrusion, Tripwire (support the classification and accurate detection of vehicle and human)			
	People counting,heatmap	People counting,heatmap	People counting,heatmap	People counting,heatmap
	Face Capture	Face Capture	Face Capture	Face Capture
Built-in Mic	Support	Support	Support	Support
Built-in Speaker	Support	Support	Support	Support
Operating Temperature	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)
Power Supply	12 VDC ± 25%;PoE,IEEE 802.3af	12 VDC ± 25%;PoE,IEEE 802.3af	12 VDC ± 25%;PoE,IEEE 802.3af	12 VDC ± 25%;PoE,IEEE 802.3af
Humidity	≤95% RH (non-condensing)	≤95% RH (non-condensing)	≤95% RH (non-condensing)	≤95% RH (non-condensing)
Indoor/Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Protection Level	IP67	IP67	IP67	IP67

Model	IPC-D34-IL-U	IPC-D35-IL-U	IPC-D36-IL-U	IPC-D38-IL-U	IPC-D38-IL-EU
Image					
	Smart Hybrid Light	Smart Hybrid Light	Smart Hybrid Light	Smart Hybrid Light	Smart Hybrid Light
					
Image Sensor	1/2.9" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS
Max. Resolution	2688×1520(4MP)	2880×1620(5MP)	3200×1800(6MP)	3840×2160(8MP)	3840×2160(8MP)
Min. Illumination	Color: 0.003 Lux@(F1.0,AGC ON),0 Lux with light	Color: 0.003 Lux@(F1.0,AGC ON),0 Lux with light	Color: 0.003 Lux@(F1.0,AGC ON),0 Lux with light	Color: 0.003 Lux@(F1.0,AGC ON),0 Lux with light	Color: 0.004 Lux@(F1.0,AGC ON),0 Lux with light
Angle Adjustment	Pan: 0°to 360°, Tilt: 0°to 75°, Rotate: 0°to 350°	Pan: 0°to 360°, Tilt: 0°to 75°, Rotate: 0°to 350°	Pan: 0°to 360°, Tilt: 0°to 75°, Rotate: 0°to 350°	Pan: 0°to 360°, Tilt: 0°to 75°, Rotate: 0°to 350°	Pan: 0°to 360°, Tilt: 0°to 75°, Rotate: 0°to 350°
Focal Length	2.8mm; 4mm	2.8mm; 4mm	2.8mm; 4mm	2.8mm; 4mm	2.8mm; 4mm
Field of View	2.8mm: H:101.7°V:54.5°,D:122.1° 4mm: H:84.1°V:45.4°,D:98.9°	2.8mm: H:111.0°V:58.5°,D:136.3° 4mm: H:91.1°V:48.7°,D:107.9°	2.8mm: H:111.0°V:58.5°,D:136.3° 4mm: H:91.1°V:48.7°,D:107.9°	2.8mm: H:109°V:57.5°,D:131.6° 4mm: H:93.1°V:50.5°,D:110.2°	2.8mm: H:111°V:58.5°,D:136.3° 4mm: H:91.1°V:48.7°,D:107.9°
Illumination Distance	IR up to 30m, white light up to 30m	IR up to 30m, white light up to 30m	IR up to 30m, white light up to 30m	IR up to 30m, white light up to 30m	IR up to 30m, white light up to 30m
Video Compression	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265
Streaming Capability	3 streams	3 streams	3 streams	3 streams	3 streams
Wide Dynamic Range	130dB	130dB	130dB	130dB	130dB
Storage	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)
Smart Function	Smart Motion Detection(SMD), Intrusion, Tripwire (support the classification and accurate detection of vehicle and human)				
	People counting,heatmap	People counting,heatmap	People counting,heatmap	People counting,heatmap	People counting,heatmap
	Face Capture	Face Capture	Face Capture	Face Capture	Face Capture
Built-in Mic	Support	Support	Support	Support	Support
Built-in Speaker	Support	Support	Support	Support	Support
Operating Temperature	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)
Power Supply	12 VDC ± 25%; PoE,IEEE 802.3af	12 VDC ± 25%; PoE,IEEE 802.3af	12 VDC ± 25%; PoE,IEEE 802.3af	12 VDC ± 25%; PoE,IEEE 802.3af	12 VDC ± 25%; PoE,IEEE 802.3af
Humidity	≤95% RH (non-condensing)	≤95% RH (non-condensing)	≤95% RH (non-condensing)	≤95% RH (non-condensing)	≤95% RH (non-condensing)
Indoor/Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Protection Level	IP67	IP67	IP67	IP67	IP67

Model	IPC-D34-I-U	IPC-D35-I-U	IPC-D36-I-U	IPC-D38-I-U	IPC-D38-I-EU
Image					
	StarLight	StarLight	StarLight	StarLight	StarLight
					
Image Sensor	1/2.9" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS
Max. Resolution	2688×1520(4MP)	2880×1620(5MP)	3200×1800(6MP)	3840×2160(8MP)	3840×2160(8MP)
Min. Illumination	Color: 0.003 Lux@(F1.0,AGC ON),0 Lux with light	Color: 0.003 Lux@(F1.0,AGC ON),0 Lux with light	Color: 0.003 Lux@(F1.0,AGC ON),0 Lux with light	Color: 0.003 Lux@(F1.0,AGC ON),0 Lux with light	Color: 0.004 Lux@(F1.0,AGC ON),0 Lux with light
Angle Adjustment	Pan: 0°to 360°, Tilt: 0°to 75°, Rotate: 0°to 350°	Pan: 0°to 360°, Tilt: 0°to 75°, Rotate: 0°to 350°	Pan: 0°to 360°, Tilt: 0°to 75°, Rotate: 0°to 350°	Pan: 0°to 360°, Tilt: 0°to 75°, Rotate: 0°to 350°	Pan: 0°to 360°, Tilt: 0°to 75°, Rotate: 0°to 350°
Focal Length	2.8mm; 4mm	2.8mm; 4mm	2.8mm; 4mm	2.8mm; 4mm	2.8mm; 4mm
Field of View	2.8mm: H:101.7°V:54.5°,D:122.1° 4mm: H:84.1°V:45.4°,D:98.9°	2.8mm: H:111.0°V:58.5°,D:136.3° 4mm: H:91.1°V:48.7°,D:107.9°	2.8mm: H:111.0°V:58.5°,D:136.3° 4mm: H:91.1°V:48.7°,D:107.9°	2.8mm: H:109°V:57.5°,D:131.6° 4mm: H:93.1°V:50.5°,D:110.2°	2.8mm: H:111°V:58.5°,D:136.3° 4mm: H:91.1°V:48.7°,D:107.9°
Illumination Distance	IR up to 30m	IR up to 30m	IR up to 30m	IR up to 30m	IR up to 30m
Video Compression	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265
Streaming Capability	3 streams	3 streams	3 streams	3 streams	3 streams
Wide Dynamic Range	130dB	130dB	130dB	130dB	130dB
Storage	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)
Smart Function	Smart Motion Detection(SMD), Intrusion, Tripwire (support the classification and accurate detection of vehicle and human)				
	People counting,heatmap	People counting,heatmap	People counting,heatmap	People counting,heatmap	People counting,heatmap
	Face Capture	Face Capture	Face Capture	Face Capture	Face Capture
Built-in Mic	Support	Support	Support	Support	Support
Built-in Speaker	Support	Support	Support	Support	Support
Operating Temperature	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)
Power Supply	12 VDC ± 25%; PoE,IEEE 802.3af	12 VDC ± 25%; PoE,IEEE 802.3af	12 VDC ± 25%; PoE,IEEE 802.3af	12 VDC ± 25%; PoE,IEEE 802.3af	12 VDC ± 25%; PoE,IEEE 802.3af
Humidity	≤95% RH (non-condensing)	≤95% RH (non-condensing)	≤95% RH (non-condensing)	≤95% RH (non-condensing)	≤95% RH (non-condensing)
Indoor/Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Protection Level	IP67	IP67	IP67	IP67	IP67

Model	IPC-B34-ZILP-U	IPC-B35-ZILP-U	IPC-B36-ZILP-U	IPC-B38-ZILP-U	IPC-B38-ZILP-EU
Image					
	 Live Defender	 Live Defender	 Live Defender	 Live Defender	 Live Defender
	 Smart Hybrid Light	 Smart Hybrid Light	 Smart Hybrid Light	 Smart Hybrid Light	 Smart Hybrid Light
Image Sensor	1/2.9" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS
Max. Resolution	2688×1520(4MP)	2880×1620(5MP)	3200×1800(6MP)	3840×2160(8MP)	3840×2160(8MP)
Min. Illumination	Color: 0.003 Lux@(F1.3,AGC ON),0 Lux with light	Color: 0.003 Lux@(F1.3,AGC ON),0 Lux with light	Color: 0.003 Lux@(F1.3,AGC ON),0 Lux with light	Color: 0.003 Lux@(F1.3,AGC ON),0 Lux with light	Color: 0.004 Lux@(F1.3,AGC ON),0 Lux with light
Angle Adjustment	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°
Focal Length	Varifocal lens 2.7-13.5mm	Varifocal lens 2.7-13.5mm	Varifocal lens 2.7-13.5mm	Varifocal lens 2.7-13.5mm	Varifocal lens 2.7-13.5mm
Field of View	Wide: 102.8°V:54.2°,D:123.2° Tele: H:33°, V:18.6°,D:37.8°	Wide: 112.2°V:58.2°,D:137.2° Tele: H:35.3°, V:19.9°,D:40.5°	Wide: 112.2°V:58.2°,D:137.2° Tele: H:35.3°, V:19.9°,D:40.5°	Wide: H:112.1°V: 58°,D: 137.5° Tele: H:47.5°V: 26.6°,D: 54.6°	Wide: H:112.2°V: 58.2°,D:137.2° Tele: H:35.3°V: 19.9°,D: 40.5°
Illumination Distance	IR up to 35m, white light up to 35m	IR up to 35m, white light up to 35m	IR up to 35m, white light up to 35m	IR up to 35m, white light up to 35m	IR up to 35m, white light up to 35m
Video Compression	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265
Streaming Capability	3 streams	3 streams	3 streams	3 streams	3 streams
Wide Dynamic Range	130dB	130dB	130dB	130dB	130dB
Storage	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)
Smart Function	Smart Motion Detection(SMD), Intrusion, Tripwire (support the classification and accurate detection of vehicle and human)				
	People counting,heatmap	People counting,heatmap	People counting,heatmap	People counting,heatmap	People counting,heatmap
	Face Capture	Face Capture	Face Capture	Face Capture	Face Capture
Built-in Mic	Support	Support	Support	Support	Support
Built-in Speaker	Support	Support	Support	Support	Support
Operating Temperature	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)
Power Supply	12 VDC ± 25%; PoE,IEEE 802.3af	12 VDC ± 25%; PoE,IEEE 802.3af	12 VDC ± 25%; PoE,IEEE 802.3af	12 VDC ± 25%; PoE,IEEE 802.3af	12 VDC ± 25%; PoE,IEEE 802.3af
Humidity	≤95% RH (non-condensing)	≤95% RH (non-condensing)	≤95% RH (non-condensing)	≤95% RH (non-condensing)	≤95% RH (non-condensing)
Indoor/Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Protection Level	IP67	IP67	IP67	IP67	IP67

Dual-light (IL) versions are available for all models on this page.

Model	IPC-B34-ZI-U	IPC-B35-ZI-U	IPC-B36-ZI-U	IPC-B38-ZI-U	IPC-B38-ZI-EU
Image					
	 StarLight	 StarLight	 StarLight	 StarLight	 StarLight
	 Smart Hybrid Light	 Smart Hybrid Light	 Smart Hybrid Light	 Smart Hybrid Light	 Smart Hybrid Light
Image Sensor	1/2.9" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS
Max. Resolution	2688×1520(4MP)	2880×1620(5MP)	3200×1800(6MP)	3840×2160(8MP)	3840×2160(8MP)
Min. Illumination	Color: 0.003 Lux@(F1.3,AGC ON),0 Lux with light	Color: 0.003 Lux@(F1.3,AGC ON),0 Lux with light	Color: 0.003 Lux@(F1.3,AGC ON),0 Lux with light	Color: 0.003 Lux@(F1.3,AGC ON),0 Lux with light	Color: 0.004 Lux@(F1.3,AGC ON),0 Lux with light
Angle Adjustment	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°
Focal Length	Varifocal lens 2.7-13.5mm	Varifocal lens 2.7-13.5mm	Varifocal lens 2.7-13.5mm	Varifocal lens 2.7-13.5mm	Varifocal lens 2.7-13.5mm
Field of View	Wide: 102.8°V:54.2°,D:123.2° Tele: H:33°, V:18.6°,D:37.8°	Wide: 112.2°V:58.2°,D:137.2° Tele: H:35.3°, V:19.9°,D:40.5°	Wide: 112.2°V:58.2°,D:137.2° Tele: H:35.3°, V:19.9°,D:40.5°	Wide: H:112.1°V: 58°,D: 137.5° Tele: H:47.5°V: 26.6°,D: 54.6°	Wide: H:112.2°V: 58.2°,D:137.2° Tele: H:35.3°V: 19.9°,D: 40.5°
Illumination Distance	IR up to 40m	IR up to 40m	IR up to 40m	IR up to 40m	IR up to 40m
Video Compression	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265
Streaming Capability	3 streams	3 streams	3 streams	3 streams	3 streams
Wide Dynamic Range	130dB	130dB	130dB	130dB	130dB
Storage	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)
Smart Function	Smart Motion Detection(SMD), Intrusion, Tripwire (support the classification and accurate detection of vehicle and human)				
	People counting,heatmap	People counting,heatmap	People counting,heatmap	People counting,heatmap	People counting,heatmap
	Face Capture	Face Capture	Face Capture	Face Capture	Face Capture
Built-in Mic	Support	Support	Support	Support	Support
Built-in Speaker	Support	Support	Support	Support	Support
Operating Temperature	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)
Power Supply	12 VDC ± 25%; PoE,IEEE 802.3af	12 VDC ± 25%; PoE,IEEE 802.3af	12 VDC ± 25%; PoE,IEEE 802.3af	12 VDC ± 25%; PoE,IEEE 802.3af	12 VDC ± 25%; PoE,IEEE 802.3af
Humidity	≤95% RH (non-condensing)	≤95% RH (non-condensing)	≤95% RH (non-condensing)	≤95% RH (non-condensing)	≤95% RH (non-condensing)
Indoor/Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Protection Level	IP67	IP67	IP67	IP67	IP67

Model	IPC-T3D4-ZILP-U	IPC-T3D5-ZILP-U	IPC-T3D6-ZILP-U	IPC-T3D8-ZILP-U	IPC-T3D8-ZILP-EU
Image					
	Smart Hybrid Light	Smart Hybrid Light	Smart Hybrid Light	Smart Hybrid Light	Smart Hybrid Light
Image Sensor	1/2.9" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS
Max. Resolution	2688×1520(4MP)	2880×1620(5MP)	3200×1800(6MP)	3840×2160(8MP)	3840×2160(8MP)
Min. Illumination	Color: 0.003 Lux@(F1.3,AGC ON),0 Lux with light	Color: 0.003 Lux@(F1.3,AGC ON),0 Lux with light	Color: 0.003 Lux@(F1.3,AGC ON),0 Lux with light	Color: 0.003 Lux@(F1.3,AGC ON),0 Lux with light	Color: 0.004 Lux@(F1.3,AGC ON),0 Lux with light
Angle Adjustment	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°
Focal Length	Varifocal lens 2.7-13.5mm	Varifocal lens 2.7-13.5mm	Varifocal lens 2.7-13.5mm	Varifocal lens 2.7-13.5mm	Varifocal lens 2.7-13.5mm
Field of View	Wide: 102.8°V:54.2°,D:123.2° Tele: H:33°, V:18.6°,D:37.8°	Wide: 112.2°V:58.2°,D:137.2° Tele: H:35.3°, V:19.9°,D:40.5°	Wide: 112.2°V:58.2°,D:137.2° Tele: H:35.3°, V:19.9°,D:40.5°	Wide: H:112.1°V: 58°,D: 137.5° Tele: H:47.5°V: 26.6°,D: 54.6°	Wide: H:112.2°V: 58.2°,D:137.2° Tele: H:35.3°V: 19.9°,D: 40.5°
Illumination Distance	IR up to 40m, white light up to 40m	IR up to 40m, white light up to 40m	IR up to 40m, white light up to 40m	IR up to 40m, white light up to 40m	IR up to 40m, white light up to 40m
Video Compression	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265
Streaming Capability	3 streams	3 streams	3 streams	3 streams	3 streams
Wide Dynamic Range	130dB	130dB	130dB	130dB	130dB
Storage	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)
Smart Function	Smart Motion Detection(SMD), Intrusion, Tripwire (support the classification and accurate detection of vehicle and human)				
	People counting,heatmap	People counting,heatmap	People counting,heatmap	People counting,heatmap	People counting,heatmap
	Face Capture	Face Capture	Face Capture	Face Capture	Face Capture
Built-in Mic	Support	Support	Support	Support	Support
Built-in Speaker	Support	Support	Support	Support	Support
Operating Temperature	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)
Power Supply	12 VDC ± 25%; PoE,IEEE 802.3af	12 VDC ± 25%; PoE,IEEE 802.3af	12 VDC ± 25%; PoE,IEEE 802.3af	12 VDC ± 25%; PoE,IEEE 802.3af	12 VDC ± 25%; PoE,IEEE 802.3af
Humidity	≤95% RH (non-condensing)	≤95% RH (non-condensing)	≤95% RH (non-condensing)	≤95% RH (non-condensing)	≤95% RH (non-condensing)
Indoor/Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Protection Level	IP67	IP67	IP67	IP67	IP67

Dual-light (IL) versions are available for all models on this page.

Model	IPC-T3D4-ZI-U	IPC-T3D5-ZI-U	IPC-T3D6-ZI-U	IPC-T3D8-ZI-U	IPC-T3D8-ZI-EU
Image					
	StarLight	StarLight	StarLight	StarLight	StarLight
Image Sensor	1/2.9" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS
Max. Resolution	2688×1520(4MP)	2880×1620(5MP)	3200×1800(6MP)	3840×2160(8MP)	3840×2160(8MP)
Min. Illumination	Color: 0.003 Lux@(F1.3,AGC ON),0 Lux with light	Color: 0.003 Lux@(F1.3,AGC ON),0 Lux with light	Color: 0.003 Lux@(F1.3,AGC ON),0 Lux with light	Color: 0.003 Lux@(F1.3,AGC ON),0 Lux with light	Color: 0.004 Lux@(F1.3,AGC ON),0 Lux with light
Angle Adjustment	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°
Focal Length	Varifocal lens 2.7-13.5mm	Varifocal lens 2.7-13.5mm	Varifocal lens 2.7-13.5mm	Varifocal lens 2.7-13.5mm	Varifocal lens 2.7-13.5mm
Field of View	Wide: 102.8°V:54.2°,D:123.2° Tele: H:33°, V:18.6°,D:37.8°	Wide: 112.2°V:58.2°,D:137.2° Tele: H:35.3°, V:19.9°,D:40.5°	Wide: 112.2°V:58.2°,D:137.2° Tele: H:35.3°, V:19.9°,D:40.5°	Wide: H:112.1°V: 58°,D: 137.5° Tele: H:47.5°V: 26.6°,D: 54.6°	Wide: H:112.2°V: 58.2°,D:137.2° Tele: H:35.3°V: 19.9°,D: 40.5°
Illumination Distance	IR up to 40m	IR up to 40m	IR up to 40m	IR up to 40m	IR up to 40m
Video Compression	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265
Streaming Capability	3 streams	3 streams	3 streams	3 streams	3 streams
Wide Dynamic Range	130dB	130dB	130dB	130dB	130dB
Storage	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)
Smart Function	Smart Motion Detection(SMD), Intrusion, Tripwire (support the classification and accurate detection of vehicle and human)				
	People counting,heatmap	People counting,heatmap	People counting,heatmap	People counting,heatmap	People counting,heatmap
	Face Capture	Face Capture	Face Capture	Face Capture	Face Capture
Built-in Mic	Support	Support	Support	Support	Support
Built-in Speaker	Support	Support	Support	Support	Support
Operating Temperature	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)
Power Supply	12 VDC ± 25%; PoE,IEEE 802.3af	12 VDC ± 25%; PoE,IEEE 802.3af	12 VDC ± 25%; PoE,IEEE 802.3af	12 VDC ± 25%; PoE,IEEE 802.3af	12 VDC ± 25%; PoE,IEEE 802.3af
Humidity	≤95% RH (non-condensing)	≤95% RH (non-condensing)	≤95% RH (non-condensing)	≤95% RH (non-condensing)	≤95% RH (non-condensing)
Indoor/Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Protection Level	IP67	IP67	IP67	IP67	IP67

Model	IPC-D34-ZIL-U	IPC-D35-ZIL-U	IPC-D36-ZIL-U	IPC-D38-ZIL-U	IPC-D38-ZIL-EU
Image					
	Smart Hybrid Light	Smart Hybrid Light	Smart Hybrid Light	Smart Hybrid Light	Smart Hybrid Light
					
Image Sensor	1/2.9" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS
Max. Resolution	2688×1520(4MP)	2880×1620(5MP)	3200×1800(6MP)	3840×2160(8MP)	3840×2160(8MP)
Min. Illumination	Color: 0.003 Lux@(F1.3,AGC ON),0 Lux with light	Color: 0.003 Lux@(F1.3,AGC ON),0 Lux with light	Color: 0.003 Lux@(F1.3,AGC ON),0 Lux with light	Color: 0.003 Lux@(F1.3,AGC ON),0 Lux with light	Color: 0.004 Lux@(F1.3,AGC ON),0 Lux with light
Angle Adjustment	Pan: 0°to 360°, Tilt: 0°to 75°, Rotate: 0°to 350°	Pan: 0°to 360°, Tilt: 0°to 75°, Rotate: 0°to 350°	Pan: 0°to 360°, Tilt: 0°to 75°, Rotate: 0°to 350°	Pan: 0°to 360°, Tilt: 0°to 75°, Rotate: 0°to 350°	Pan: 0°to 360°, Tilt: 0°to 75°, Rotate: 0°to 350°
Focal Length	Varifocal lens 2.7-13.5mm	Varifocal lens 2.7-13.5mm	Varifocal lens 2.7-13.5mm	Varifocal lens 2.7-13.5mm	Varifocal lens 2.7-13.5mm
Field of View	Wide: 102.8°V:54.2°,D:123.2° Tele: H:33°, V:18.6°,D:37.8°	Wide: 112.2°V:58.2°,D:137.2° Tele: H:35.3°, V:19.9°,D:40.5°	Wide: 112.2°V:58.2°,D:137.2° Tele: H:35.3°, V:19.9°,D:40.5°	Wide: H:112.1°V: 58°,D: 137.5° Tele: H:47.5°V: 26.6°,D: 54.6°	Wide: H:112.2°V: 58.2°,D:137.2° Tele: H:35.3°V: 19.9°,D: 40.5°
Illumination Distance	IR up to 40m, white light up to 40m	IR up to 40m, white light up to 40m	IR up to 40m, white light up to 40m	IR up to 40m, white light up to 40m	IR up to 40m, white light up to 40m
Video Compression	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265
Streaming Capability	3 streams	3 streams	3 streams	3 streams	3 streams
Wide Dynamic Range	130dB	130dB	130dB	130dB	130dB
Storage	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)
Smart Function	Smart Motion Detection(SMD), Intrusion, Tripwire (support the classification and accurate detection of vehicle and human)				
	People counting,heatmap	People counting,heatmap	People counting,heatmap	People counting,heatmap	People counting,heatmap
	Face Capture	Face Capture	Face Capture	Face Capture	Face Capture
Built-in Mic	Support	Support	Support	Support	Support
Built-in Speaker	Support	Support	Support	Support	Support
Operating Temperature	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)
Power Supply	12 VDC ± 25%; PoE,IEEE 802.3af	12 VDC ± 25%; PoE,IEEE 802.3af	12 VDC ± 25%; PoE,IEEE 802.3af	12 VDC ± 25%; PoE,IEEE 802.3af	12 VDC ± 25%; PoE,IEEE 802.3af
Humidity	≤95% RH (non-condensing)	≤95% RH (non-condensing)	≤95% RH (non-condensing)	≤95% RH (non-condensing)	≤95% RH (non-condensing)
Indoor/Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Protection Level	IP67	IP67	IP67	IP67	IP67

Model	IPC-D34-ZI-U	IPC-D35-ZI-U	IPC-D36-ZI-U	IPC-D38-ZI-U	IPC-D38-ZI-EU
Image					
	StarLight	StarLight	StarLight	StarLight	StarLight
					
Image Sensor	1/2.9" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS
Max. Resolution	2688×1520(4MP)	2880×1620(5MP)	3200×1800(6MP)	3840×2160(8MP)	3840×2160(8MP)
Min. Illumination	Color: 0.003 Lux@(F1.3,AGC ON),0 Lux with light	Color: 0.003 Lux@(F1.3,AGC ON),0 Lux with light	Color: 0.003 Lux@(F1.3,AGC ON),0 Lux with light	Color: 0.003 Lux@(F1.3,AGC ON),0 Lux with light	Color: 0.004 Lux@(F1.3,AGC ON),0 Lux with light
Angle Adjustment	Pan: 0°to 360°, Tilt: 0°to 75°, Rotate: 0°to 350°	Pan: 0°to 360°, Tilt: 0°to 75°, Rotate: 0°to 350°	Pan: 0°to 360°, Tilt: 0°to 75°, Rotate: 0°to 350°	Pan: 0°to 360°, Tilt: 0°to 75°, Rotate: 0°to 350°	Pan: 0°to 360°, Tilt: 0°to 75°, Rotate: 0°to 350°
Focal Length	Varifocal lens 2.7-13.5mm	Varifocal lens 2.7-13.5mm	Varifocal lens 2.7-13.5mm	Varifocal lens 2.7-13.5mm	Varifocal lens 2.7-13.5mm
Field of View	Wide: 102.8°V:54.2°,D:123.2° Tele: H:33°, V:18.6°,D:37.8°	Wide: H:112.2°V:58.2°,D:137.2° Tele: H:35.3°, V:19.9°,D:40.5°	Wide: H:112.2°V:58.2°,D:137.2° Tele: H:35.3°, V:19.9°,D:40.5°	Wide: H: 112.1°V: 58°D: 137.5° Tele: H:47.5°V: 26.6°,D: 54.6°	Wide: H:112.2°V: 58.2°,D:137.2° Tele: H:35.3°V: 19.9°,D: 40.5°
Illumination Distance	IR up to 40m	IR up to 40m	IR up to 40m	IR up to 40m	IR up to 40m
Video Compression	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265
Streaming Capability	3 streams	3 streams	3 streams	3 streams	3 streams
Wide Dynamic Range	130dB	130dB	130dB	130dB	130dB
Storage	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)
Smart Function	Smart Motion Detection(SMD), Intrusion, Tripwire (support the classification and accurate detection of vehicle and human)				
	People counting,heatmap	People counting,heatmap	People counting,heatmap	People counting,heatmap	People counting,heatmap
	Face Capture	Face Capture	Face Capture	Face Capture	Face Capture
Built-in Mic	Support	Support	Support	Support	Support
Built-in Speaker	Support	Support	Support	Support	Support
Operating Temperature	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)
Power Supply	12 VDC ± 25%; PoE,IEEE 802.3af	12 VDC ± 25%; PoE,IEEE 802.3af	12 VDC ± 25%; PoE,IEEE 802.3af	12 VDC ± 25%; PoE,IEEE 802.3af	12 VDC ± 25%; PoE,IEEE 802.3af
Humidity	≤95% RH (non-condensing)	≤95% RH (non-condensing)	≤95% RH (non-condensing)	≤95% RH (non-condensing)	≤95% RH (non-condensing)
Indoor/Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Protection Level	IP67	IP67	IP67	IP67	IP67



Network Cameras

X Series

X-Series ColorXpert cameras deliver vivid full-color imaging in ultra-low light with an F1.0 aperture, a large 1/1.8" sensor, and AI-ISP technology, ensuring exceptional clarity, true-to-life colors, and outstanding detail day and night.

F1.0



Super Aperture

1/1.8"



1/1.8" Large Sensor

AI



AI-ISP Technology

120 dB

WDR



Two-Way Audio



Smart Perimeter Protection



Human & Vehicle Detection

Redefining Clarity, Amplifying Vision



Model	IPC-B24-L-XU	IPC-B26-L-XU	IPC-B28-L-XU
Image			
Image Sensor	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS
Max. Resolution	2688×1520(4MP)	3200×1800(6MP)	3840×2160(8MP)
Min. Illumination	Color: 0.0003 Lux@(F1.0,AGC ON), 0 Lux with light	Color: 0.0003 Lux@(F1.0,AGC ON), 0 Lux with light	Color: 0.0003 Lux@(F1.0,AGC ON), 0 Lux with light
Angle Adjustment	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°
Focal Length	2.8mm; 4mm	2.8mm; 4mm	2.8mm; 4mm
Field of View	2.8 mm: H, 109°, V, 57.5°, D, 131.6° 4 mm: H, 93.1°, V, 50.5°, D, 110.2°	2.8 mm: H, 109°, V, 57.5°, D, 131.6° 4 mm: H, 93.1°, V, 50.5°, D, 110.2°	2.8 mm: H, 109°, V, 57.5°, D, 131.6° 4 mm: H, 93.1°, V, 50.5°, D, 110.2°
Illumination Distance	warm light up to 35 m	warm light up to 35 m	warm light up to 35 m
Video Compression	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265
Streaming Capability	2 streams	2 streams	2 streams
Wide Dynamic Range	120dB	120dB	120dB
Storage	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)
Smart Function	Smart Motion Detection(SMD), Intrusion, Tripwire (support the classification and accurate detection of vehicle and human)		
	Support	Support	Support
	Support	Support	Support
Built-in Mic	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)
Built-in Speaker	12 VDC ± 25%;PoE,IEEE 802.3af	12 VDC ± 25%;PoE,IEEE 802.3af	12 VDC ± 25%;PoE,IEEE 802.3af
Operating Temperature	≤95% RH (non-condensing)	≤95% RH (non-condensing)	≤95% RH (non-condensing)
Power Supply	Outdoor	Outdoor	Outdoor
Humidity	IP67	IP67	IP67
Indoor/Outdoor	Outdoor	Outdoor	Outdoor
Protection Level	IP67	IP67	IP67

Model	IPC-T24-L-XU	IPC-T26-L-XU	IPC-T28-L-XU
Image			
Image Sensor	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS
Max. Resolution	2688×1520(4MP)	3200×1800(6MP)	3840×2160(8MP)
Min. Illumination	Color: 0.0003 Lux@(F1.0,AGC ON), 0 Lux with light	Color: 0.0003 Lux@(F1.0,AGC ON), 0 Lux with light	Color: 0.0003 Lux@(F1.0,AGC ON), 0 Lux with light
Angle Adjustment	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°
Focal Length	2.8mm; 4mm	2.8mm; 4mm	2.8mm; 4mm
Field of View	2.8 mm: H, 109°, V, 57.5°, D, 131.6° 4 mm: H, 93.1°, V, 50.5°, D, 110.2°	2.8 mm: H, 109°, V, 57.5°, D, 131.6° 4 mm: H, 93.1°, V, 50.5°, D, 110.2°	2.8 mm: H, 109°, V, 57.5°, D, 131.6° 4 mm: H, 93.1°, V, 50.5°, D, 110.2°
Illumination Distance	warm light up to 30 m	warm light up to 30 m	warm light up to 30 m
Video Compression	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265
Streaming Capability	2 streams	2 streams	2 streams
Wide Dynamic Range	120dB	120dB	120dB
Storage	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)
Smart Function	Smart Motion Detection(SMD), Intrusion, Tripwire (support the classification and accurate detection of vehicle and human)		
	Support	Support	Support
	Support	Support	Support
Built-in Mic	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)
Built-in Speaker	12 VDC ± 25%;PoE,IEEE 802.3af	12 VDC ± 25%;PoE,IEEE 802.3af	12 VDC ± 25%;PoE,IEEE 802.3af
Operating Temperature	≤95% RH (non-condensing)	≤95% RH (non-condensing)	≤95% RH (non-condensing)
Power Supply	Outdoor	Outdoor	Outdoor
Humidity	IP67	IP67	IP67
Indoor/Outdoor	Outdoor	Outdoor	Outdoor
Protection Level	IP67	IP67	IP67

Model	IPC-D24-L-XU	IPC-D26-L-XU	IPC-D28-L-XU
Image			
			
Image Sensor	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS
Max. Resolution	2688×1520(4MP)	3200×1800(6MP)	3840×2160(8MP)
Min. Illumination	Color: 0.0003 Lux@(F1.0,AGC ON), 0 Lux with light	Color: 0.0003 Lux@(F1.0,AGC ON), 0 Lux with light	Color: 0.0003 Lux@(F1.0,AGC ON), 0 Lux with light
Angle Adjustment	Pan: 0°to 360°, Tilt: 0°to 75°, Rotate: 0°to 350°	Pan: 0°to 360°, Tilt: 0°to 75°, Rotate: 0°to 350°	Pan: 0°to 360°, Tilt: 0°to 75°, Rotate: 0°to 350°
Focal Length	2.8mm; 4mm	2.8mm; 4mm	2.8mm; 4mm
Field of View	2.8 mm: H, 109°, V, 57.5°, D, 131.6° 4 mm: H, 93.1°, V, 50.5°, D, 110.2°	2.8 mm: H, 109°, V, 57.5°, D, 131.6° 4 mm: H, 93.1°, V, 50.5°, D, 110.2°	2.8 mm: H, 109°, V, 57.5°, D, 131.6° 4 mm: H, 93.1°, V, 50.5°, D, 110.2°
Illumination Distance	warm light up to 30 m	warm light up to 30 m	warm light up to 30 m
Video Compression	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265
Streaming Capability	2 streams	2 streams	2 streams
Wide Dynamic Range	120dB	120dB	120dB
Storage	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)
Smart Function	Smart Motion Detection(SMD), Intrusion, Tripwire (support the classification and accurate detection of vehicle and human)		
	Support	Support	Support
	Support	Support	Support
Built-in Mic	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)
Built-in Speaker	12 VDC ± 25%;PoE,IEEE 802.3af	12 VDC ± 25%;PoE,IEEE 802.3af	12 VDC ± 25%;PoE,IEEE 802.3af
Operating Temperature	≤95% RH (non-condensing)	≤95% RH (non-condensing)	≤95% RH (non-condensing)
Power Supply	Outdoor	Outdoor	Outdoor
Humidity	IP67	IP67	IP67
Indoor/Outdoor	Outdoor	Outdoor	Outdoor
Protection Level	IP67	IP67	IP67





Network Cameras

Lite Series

Lite Series cameras deliver affordable, reliable security for homes and small to medium-sized businesses. With up to 8MP resolution, AI-powered motion and perimeter detection, and an active strobe light deterrent, they provide clear surveillance and proactive protection with fewer false alarms.



Affordable Protection. Superior Performance.



Renewable Material Packaging

Model	IPC-B22-ILP-U	IPC-B24-ILP-U	IPC-B25-ILP-U	IPC-B26-ILP-U	IPC-B28-ILP-U
Image					
					
					
	Smart Hybrid Light	Smart Hybrid Light	Smart Hybrid Light	Smart Hybrid Light	Smart Hybrid Light
Image Sensor	1/2.9" Progressive Scan CMOS	1/2.9" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS
Max. Resolution	1920×1080(2MP)	2688×1520(4MP)	2880×1620(5MP)	3200×1800(6MP)	3840×2160(8MP)
Min. Illumination	Color: 0.006 Lux@(F1.6,AGC ON),0 Lux with light	Color: 0.006 Lux@(F1.6,AGC ON),0 Lux with light	Color: 0.006 Lux@(F1.6,AGC ON),0 Lux with light	Color: 0.006 Lux@(F1.6,AGC ON),0 Lux with light	Color: 0.006 Lux@(F1.6,AGC ON),0 Lux with light
Storage	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)
Angle Adjustment	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°
Focal Length	2.8mm; 4mm	2.8mm; 4mm	2.8mm; 4mm	2.8mm; 4mm	2.8mm; 4mm
Field of View	2.8mm: H:100°V:55°D:116° 4mm: H:83°V:45°D:99°	2.8mm: H:100°V:55°D:116° 4mm: H:83°V:45°D:99°	2.8mm: H:108°V:59°D:126° 4mm: H:89°V:47°D:107°	2.8mm: H:108°V:59°D:126° 4mm: H:89°V:47°D:107°	2.8mm: H:108.3°V:59.9°D:126.8° 4mm: H:90.3°V:47.8°D:108.5°
Illumination Distance	IR up to 25m, white light up to 25m	IR up to 25m, white light up to 25m	IR up to 25m, white light up to 25m	IR up to 25m, white light up to 25m	IR up to 25m, white light up to 25m
Video Compression	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265
Streaming Capability	2 streams	2 streams	2 streams	2 streams	2 streams
Wide Dynamic Range	120dB	120dB	120dB	120dB	120dB
Smart Function	Smart Motion Detection(SMD), Intrusion, Tripwire (support the classification and accurate detection of vehicle and human)				
Built-in Mic	Support	Support	Support	Support	Support
Built-in Speaker	Support	Support	Support	Support	Support
Operating Temperature	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)
Power Supply	12 VDC ± 25%; PoE,IEEE 802.3af	12 VDC ± 25%; PoE,IEEE 802.3af	12 VDC ± 25%; PoE,IEEE 802.3af	12 VDC ± 25%; PoE,IEEE 802.3af	12 VDC ± 25%; PoE,IEEE 802.3af
Humidity	≤95% RH (non-condensing)	≤95% RH (non-condensing)	≤95% RH (non-condensing)	≤95% RH (non-condensing)	≤95% RH (non-condensing)
Indoor/Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Protection Level	IP67	IP67	IP67	IP67	IP67

Dual-light (IL) versions are available for all models on this page.

Model	IPC-B22-I-U	IPC-B24-I-U	IPC-B25-I-U	IPC-B26-I-U	IPC-B28-I-U
Image					
					
					
Image Sensor	1/2.9" Progressive Scan CMOS	1/2.9" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS
Max. Resolution	1920×1080(2MP)	2688×1520(4MP)	2880×1620(5MP)	3200×1800(6MP)	3840×2160(8MP)
Min. Illumination	Color: 0.006 Lux@(F1.6,AGC ON),0 Lux with light	Color: 0.006 Lux@(F1.6,AGC ON),0 Lux with light	Color: 0.006 Lux@(F1.6,AGC ON),0 Lux with light	Color: 0.006 Lux@(F1.6,AGC ON),0 Lux with light	Color: 0.006 Lux@(F1.6,AGC ON),0 Lux with light
Storage	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)
Angle Adjustment	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°
Focal Length	2.8mm; 4mm	2.8mm; 4mm	2.8mm; 4mm	2.8mm; 4mm	2.8mm; 4mm
Field of View	2.8mm: H:100°V:55°D:116° 4mm: H:83°V:45°D:99°	2.8mm: H:100°V:55°D:116° 4mm: H:83°V:45°D:99°	2.8mm: H:108°V:59°D:126° 4mm: H:89°V:47°D:107°	2.8mm: H:108°V:59°D:126° 4mm: H:89°V:47°D:107°	2.8mm: H:108.3°V:59.9°D:126.8° 4mm: H:90.3°V:47.8°D:108.5°
Illumination Distance	IR up to 30m	IR up to 30m	IR up to 30m	IR up to 30m	IR up to 30m
Video Compression	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265
Streaming Capability	2 streams	2 streams	2 streams	2 streams	2 streams
Wide Dynamic Range	120dB	120dB	120dB	120dB	120dB
Smart Function	Smart Motion Detection(SMD), Intrusion, Tripwire (support the classification and accurate detection of vehicle and human)				
Built-in Mic	Support	Support	Support	Support	Support
Built-in Speaker	Support	Support	Support	Support	Support
Operating Temperature	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)
Power Supply	12 VDC ± 25%; PoE,IEEE 802.3af	12 VDC ± 25%; PoE,IEEE 802.3af	12 VDC ± 25%; PoE,IEEE 802.3af	12 VDC ± 25%; PoE,IEEE 802.3af	12 VDC ± 25%; PoE,IEEE 802.3af
Humidity	≤95% RH (non-condensing)	≤95% RH (non-condensing)	≤95% RH (non-condensing)	≤95% RH (non-condensing)	≤95% RH (non-condensing)
Indoor/Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Protection Level	IP67	IP67	IP67	IP67	IP67

Model	IPC-T22-ILP-U	IPC-T24-ILP-U	IPC-T25-ILP-U	IPC-T26-ILP-U	IPC-T28-ILP-U
Image					
					
					
	Smart Hybrid Light	Smart Hybrid Light	Smart Hybrid Light	Smart Hybrid Light	Smart Hybrid Light
Image Sensor	1/2.9" Progressive Scan CMOS	1/2.9" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS
Max. Resolution	1920×1080(2MP)	2688×1520(4MP)	2880×1620(5MP)	3200×1800(6MP)	3840×2160(8MP)
Min. Illumination	Color: 0.006 Lux@(F1.6,AGC ON),0 Lux with light	Color: 0.006 Lux@(F1.6,AGC ON),0 Lux with light	Color: 0.006 Lux@(F1.6,AGC ON),0 Lux with light	Color: 0.006 Lux@(F1.6,AGC ON),0 Lux with light	Color: 0.006 Lux@(F1.6,AGC ON),0 Lux with light
Storage	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)
Angle Adjustment	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°
Focal Length	2.8mm; 4mm	2.8mm; 4mm	2.8mm; 4mm	2.8mm; 4mm	2.8mm; 4mm
Field of View	2.8mm: H:100°V:55°D:116° 4mm: H:83°V:45°D:99°	2.8mm: H:100°V:55°D:116° 4mm: H:83°V:45°D:99°	2.8mm: H:108°V:59°D:126° 4mm: H:89°V:47°D:107°	2.8mm: H:108°V:59°D:126° 4mm: H:89°V:47°D:107°	2.8mm: H:108.3°V:59.9°D:126.8° 4mm: H:90.3°V:47.8°D:108.5°
Illumination Distance	IR up to 25m, white light up to 25m	IR up to 25m, white light up to 25m	IR up to 25m, white light up to 25m	IR up to 25m, white light up to 25m	IR up to 25m, white light up to 25m
Video Compression	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265
Streaming Capability	2 streams	2 streams	2 streams	2 streams	2 streams
Wide Dynamic Range	120dB	120dB	120dB	120dB	120dB
Smart Function	Smart Motion Detection(SMD), Intrusion, Tripwire (support the classification and accurate detection of vehicle and human)				
Built-in Mic	Support	Support	Support	Support	Support
Built-in Speaker	Support	Support	Support	Support	Support
Operating Temperature	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)
Power Supply	12 VDC ± 25%; PoE,IEEE 802.3af	12 VDC ± 25%; PoE,IEEE 802.3af	12 VDC ± 25%; PoE,IEEE 802.3af	12 VDC ± 25%; PoE,IEEE 802.3af	12 VDC ± 25%; PoE,IEEE 802.3af
Humidity	≤95% RH (non-condensing)	≤95% RH (non-condensing)	≤95% RH (non-condensing)	≤95% RH (non-condensing)	≤95% RH (non-condensing)
Indoor/Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Protection Level	IP67	IP67	IP67	IP67	IP67

Dual-light (IL) versions are available for all models on this page.

Model	IPC-T22-I-U	IPC-T24-I-U	IPC-T25-I-U	IPC-T26-I-U	IPC-T28-I-U
Image					
					
					
Image Sensor	1/2.9" Progressive Scan CMOS	1/2.9" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS
Max. Resolution	1920×1080(2MP)	2688×1520(4MP)	2880×1620(5MP)	3200×1800(6MP)	3840×2160(8MP)
Min. Illumination	Color: 0.006 Lux@(F1.6,AGC ON),0 Lux with light	Color: 0.006 Lux@(F1.6,AGC ON),0 Lux with light	Color: 0.006 Lux@(F1.6,AGC ON),0 Lux with light	Color: 0.006 Lux@(F1.6,AGC ON),0 Lux with light	Color: 0.006 Lux@(F1.6,AGC ON),0 Lux with light
Storage	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)
Angle Adjustment	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°
Focal Length	2.8mm; 4mm	2.8mm; 4mm	2.8mm; 4mm	2.8mm; 4mm	2.8mm; 4mm
Field of View	2.8mm: H:100°V:55°D:116° 4mm: H:83°V:45°D:99°	2.8mm: H:100°V:55°D:116° 4mm: H:83°V:45°D:99°	2.8mm: H:108°V:59°D:126° 4mm: H:89°V:47°D:107°	2.8mm: H:108°V:59°D:126° 4mm: H:89°V:47°D:107°	2.8mm: H:108.3°V:59.9°D:126.8° 4mm: H:90.3°V:47.8°D:108.5°
Illumination Distance	IR up to 30m	IR up to 30m	IR up to 30m	IR up to 30m	IR up to 30m
Video Compression	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265
Streaming Capability	2 streams	2 streams	2 streams	2 streams	2 streams
Wide Dynamic Range	120dB	120dB	120dB	120dB	120dB
Smart Function	Smart Motion Detection(SMD), Intrusion, Tripwire (support the classification and accurate detection of vehicle and human)				
Built-in Mic	Support	Support	Support	Support	Support
Built-in Speaker	Support	Support	Support	Support	Support
Operating Temperature	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)
Power Supply	12 VDC ± 25%; PoE,IEEE 802.3af	12 VDC ± 25%; PoE,IEEE 802.3af	12 VDC ± 25%; PoE,IEEE 802.3af	12 VDC ± 25%; PoE,IEEE 802.3af	12 VDC ± 25%; PoE,IEEE 802.3af
Humidity	≤95% RH (non-condensing)	≤95% RH (non-condensing)	≤95% RH (non-condensing)	≤95% RH (non-condensing)	≤95% RH (non-condensing)
Indoor/Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Protection Level	IP67	IP67	IP67	IP67	IP67

Model	IPC-D22-I-U	IPC-D24-I-U	IPC-D25-I-U	IPC-D26-I-U	IPC-D28-I-U
Image					
					
Image Sensor	1/2.9" Progressive Scan CMOS	1/2.9" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS
Max. Resolution	1920×1080(2MP)	2688×1520(4MP)	2880×1620(5MP)	3200×1800(6MP)	3840×2160(8MP)
Min. Illumination	Color: 0.006 Lux@(F1.6,AGC ON),0 Lux with light	Color: 0.006 Lux@(F1.6,AGC ON),0 Lux with light	Color: 0.006 Lux@(F1.6,AGC ON),0 Lux with light	Color: 0.006 Lux@(F1.6,AGC ON),0 Lux with light	Color: 0.006 Lux@(F1.6,AGC ON),0 Lux with light
Storage	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)
Angle Adjustment	Pan: 0°to 360°, Tilt: 0°to 75°, Rotate: 0°to 350°	Pan: 0°to 360°, Tilt: 0°to 75°, Rotate: 0°to 350°	Pan: 0°to 360°, Tilt: 0°to 75°, Rotate: 0°to 350°	Pan: 0°to 360°, Tilt: 0°to 75°, Rotate: 0°to 350°	Pan: 0°to 360°, Tilt: 0°to 75°, Rotate: 0°to 350°
Focal Length	2.8mm; 4mm	2.8mm; 4mm	2.8mm; 4mm	2.8mm; 4mm	2.8mm; 4mm
Field of View	2.8mm: H:100°;V:55°;D:116° 4mm: H:83°;V:45°;D:99°	2.8mm: H:100°;V:55°;D:116° 4mm: H:83°;V:45°;D:99°	2.8mm: H:108°;V:59°;D:126° 4mm: H:89°;V:47°;D:107°	2.8mm: H:108°;V:59°;D:126° 4mm: H:89°;V:47°;D:107°	2.8mm: H:108.3°;V:59.9°;D:126.8° 4mm: H:90.3°;V:47.8°;D:108.5°
Illumination Distance	IR up to 30m, white light up to 30m	IR up to 30m, white light up to 30m	IR up to 30m, white light up to 30m	IR up to 30m, white light up to 30m	IR up to 30m, white light up to 30m
Video Compression	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265
Streaming Capability	2 streams	2 streams	2 streams	2 streams	2 streams
Wide Dynamic Range	120dB	120dB	120dB	120dB	120dB
Smart Function	Smart Motion Detection(SMD), Intrusion, Tripwire (support the classification and accurate detection of vehicle and human)				
Built-in Mic	Support	Support	Support	Support	Support
Built-in Speaker	Support	Support	Support	Support	Support
Operating Temperature	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)
Power Supply	12 VDC ± 25%; PoE,IEEE 802.3af	12 VDC ± 25%; PoE,IEEE 802.3af	12 VDC ± 25%; PoE,IEEE 802.3af	12 VDC ± 25%; PoE,IEEE 802.3af	12 VDC ± 25%; PoE,IEEE 802.3af
Humidity	≤95% RH (non-condensing)	≤95% RH (non-condensing)	≤95% RH (non-condensing)	≤95% RH (non-condensing)	≤95% RH (non-condensing)
Indoor/Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Protection Level	IP67	IP67	IP67	IP67	IP67

Model	IPC-D22-I-U	IPC-D24-I-U	IPC-D25-I-U	IPC-D26-I-U	IPC-D28-I-U
Image					
					
Image Sensor	1/2.9" Progressive Scan CMOS	1/2.9" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS
Max. Resolution	1920×1080(2MP)	2688×1520(4MP)	2880×1620(5MP)	3200×1800(6MP)	3840×2160(8MP)
Min. Illumination	Color: 0.006 Lux@(F1.6,AGC ON),0 Lux with light	Color: 0.006 Lux@(F1.6,AGC ON),0 Lux with light	Color: 0.006 Lux@(F1.6,AGC ON),0 Lux with light	Color: 0.006 Lux@(F1.6,AGC ON),0 Lux with light	Color: 0.006 Lux@(F1.6,AGC ON),0 Lux with light
Storage	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)
Angle Adjustment	Pan: 0°to 360°, Tilt: 0°to 75°, Rotate: 0°to 350°	Pan: 0°to 360°, Tilt: 0°to 75°, Rotate: 0°to 350°	Pan: 0°to 360°, Tilt: 0°to 75°, Rotate: 0°to 350°	Pan: 0°to 360°, Tilt: 0°to 75°, Rotate: 0°to 350°	Pan: 0°to 360°, Tilt: 0°to 75°, Rotate: 0°to 350°
Focal Length	2.8mm; 4mm	2.8mm; 4mm	2.8mm; 4mm	2.8mm; 4mm	2.8mm; 4mm
Field of View	2.8mm: H:100°;V:55°;D:116° 4mm: H:83°;V:45°;D:99°	2.8mm: H:100°;V:55°;D:116° 4mm: H:83°;V:45°;D:99°	2.8mm: H:108°;V:59°;D:126° 4mm: H:89°;V:47°;D:107°	2.8mm: H:108°;V:59°;D:126° 4mm: H:89°;V:47°;D:107°	2.8mm: H:108.3°;V:59.9°;D:126.8° 4mm: H:90.3°;V:47.8°;D:108.5°
Illumination Distance	IR up to 30m	IR up to 30m	IR up to 30m	IR up to 30m	IR up to 30m
Video Compression	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265
Streaming Capability	2 streams	2 streams	2 streams	2 streams	2 streams
Wide Dynamic Range	120dB	120dB	120dB	120dB	120dB
Smart Function	Smart Motion Detection(SMD), Intrusion, Tripwire (support the classification and accurate detection of vehicle and human)				
Built-in Mic	Support	Support	Support	Support	Support
Built-in Speaker	Support	Support	Support	Support	Support
Operating Temperature	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)
Power Supply	12 VDC ± 25%; PoE,IEEE 802.3af	12 VDC ± 25%; PoE,IEEE 802.3af	12 VDC ± 25%; PoE,IEEE 802.3af	12 VDC ± 25%; PoE,IEEE 802.3af	12 VDC ± 25%; PoE,IEEE 802.3af
Humidity	≤95% RH (non-condensing)	≤95% RH (non-condensing)	≤95% RH (non-condensing)	≤95% RH (non-condensing)	≤95% RH (non-condensing)
Indoor/Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Protection Level	IP67	IP67	IP67	IP67	IP67

Model	IPC-B22-ZILP-U	IPC-B24-ZILP-U	IPC-B25-ZILP-U	IPC-B26-ZILP-U	IPC-B28-ZILP-U
Image					
					
					
	Smart Hybrid Light	Smart Hybrid Light	Smart Hybrid Light	Smart Hybrid Light	Smart Hybrid Light
Image Sensor	1/2.9" Progressive Scan CMOS	1/2.9" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS
Max. Resolution	1920×1080(2MP)	2688×1520(4MP)	2880×1620(5MP)	3200×1800(6MP)	3840×2160(8MP)
Min. Illumination	Color: 0.006 Lux@(F1.8,AGC ON),0 Lux with light	Color: 0.006 Lux@(F1.8,AGC ON),0 Lux with light	Color: 0.006 Lux@(F1.8,AGC ON),0 Lux with light	Color: 0.006 Lux@(F1.8,AGC ON),0 Lux with light	Color: 0.006 Lux@(F1.6,AGC ON),0 Lux with light
Storage	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)
Angle Adjustment	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°
Focal Length	Varifocal lens 2.7-13.5mm	Varifocal lens 2.7-13.5mm	Varifocal lens 2.7-13.5mm	Varifocal lens 2.7-13.5mm	Varifocal lens 2.7-13.5mm
Field of View	Wide: H:97.1°;V:50.6°;D:118° Tele: H:32.3°;V:18.2°;D:37.1°	Wide: H:97.1°;V:50.6°;D:118° Tele: H:32.3°;V:18.2°;D:37.1°	Wide: H:106.6°;V: 54.4°;D: 132.9° Tele: H:34.6°;V:19.5°;D:39.8°	Wide: H:106.6°;V:54.4°;D:132.9° Tele: H:34.6°;V:19.5°;D:39.8°	Wide: H:113°;V:58.4°;D:138.2° Tele: H:31.4°;V:17.6°;D:36°
Illumination Distance	IR up to 35m, white light up to 35m	IR up to 35m, white light up to 35m	IR up to 35m, white light up to 35m	IR up to 35m, white light up to 35m	IR up to 35m, white light up to 35m
Video Compression	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265
Streaming Capability	2 streams	2 streams	2 streams	2 streams	2 streams
Wide Dynamic Range	120dB	120dB	120dB	120dB	120dB
Smart Function	Smart Motion Detection(SMD), Intrusion, Tripwire (support the classification and accurate detection of vehicle and human)				
Built-in Mic	Support	Support	Support	Support	Support
Built-in Speaker	Support	Support	Support	Support	Support
Operating Temperature	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)
Power Supply	12 VDC ± 25%; PoE,IEEE 802.3af	12 VDC ± 25%; PoE,IEEE 802.3af	12 VDC ± 25%; PoE,IEEE 802.3af	12 VDC ± 25%; PoE,IEEE 802.3af	12 VDC ± 25%; PoE,IEEE 802.3af
Humidity	≤95% RH (non-condensing)	≤95% RH (non-condensing)	≤95% RH (non-condensing)	≤95% RH (non-condensing)	≤95% RH (non-condensing)
Indoor/Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Protection Level	IP67	IP67	IP67	IP67	IP67

Dual-light (IL) versions are available for all models on this page.

Model	IPC-B22-ZI-U	IPC-B24-ZI-U	IPC-B25-ZI-U	IPC-B26-ZI-U	IPC-B28-ZI-U
Image					
					
					
	StarLight	StarLight	StarLight	StarLight	StarLight
Image Sensor	1/2.9" Progressive Scan CMOS	1/2.9" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS
Max. Resolution	1920×1080(2MP)	2688×1520(4MP)	2880×1620(5MP)	3200×1800(6MP)	3840×2160(8MP)
Min. Illumination	Color: 0.006 Lux@(F1.8,AGC ON),0 Lux with light	Color: 0.006 Lux@(F1.8,AGC ON),0 Lux with light	Color: 0.006 Lux@(F1.8,AGC ON),0 Lux with light	Color: 0.006 Lux@(F1.8,AGC ON),0 Lux with light	Color: 0.006 Lux@(F1.6,AGC ON),0 Lux with light
Storage	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)
Angle Adjustment	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°
Focal Length	Varifocal lens 2.7-13.5mm	Varifocal lens 2.7-13.5mm	Varifocal lens 2.7-13.5mm	Varifocal lens 2.7-13.5mm	Varifocal lens 2.7-13.5mm
Field of View	Wide: H:97.1°;V:50.6°;D:118° Tele: H:32.3°;V:18.2°;D:37.1°	Wide: H:97.1°;V:50.6°;D:118° Tele: H:32.3°;V:18.2°;D:37.1°	Wide: H:106.6°;V: 54.4°;D: 132.9° Tele: H:34.6°;V:19.5°;D:39.8°	Wide: H:106.6°;V:54.4°;D:132.9° Tele: H:34.6°;V:19.5°;D:39.8°	Wide: H:113°;V:58.4°;D:138.2° Tele: H:31.4°;V:17.6°;D:36°
Illumination Distance	IR up to 40m	IR up to 40m	IR up to 40m	IR up to 40m	IR up to 40m
Video Compression	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265
Streaming Capability	2 streams	2 streams	2 streams	2 streams	2 streams
Wide Dynamic Range	120dB	120dB	120dB	120dB	120dB
Smart Function	Smart Motion Detection(SMD), Intrusion, Tripwire (support the classification and accurate detection of vehicle and human)				
Built-in Mic	Support	Support	Support	Support	Support
Built-in Speaker	Support	Support	Support	Support	Support
Operating Temperature	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)
Power Supply	12 VDC ± 25%; PoE,IEEE 802.3af	12 VDC ± 25%; PoE,IEEE 802.3af	12 VDC ± 25%; PoE,IEEE 802.3af	12 VDC ± 25%; PoE,IEEE 802.3af	12 VDC ± 25%; PoE,IEEE 802.3af
Humidity	≤95% RH (non-condensing)	≤95% RH (non-condensing)	≤95% RH (non-condensing)	≤95% RH (non-condensing)	≤95% RH (non-condensing)
Indoor/Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Protection Level	IP67	IP67	IP67	IP67	IP67

Model	IPC-T2D2-ZILP-U	IPC-T2D4-ZILP-U	IPC-T2D5-ZILP-U	IPC-T2D6-ZILP-U	IPC-T2D8-ZILP-U
Image					
	Smart Hybrid Light	Smart Hybrid Light	Smart Hybrid Light	Smart Hybrid Light	Smart Hybrid Light
Image Sensor	1/2.9" Progressive Scan CMOS	1/2.9" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS
Max. Resolution	1920×1080(2MP)	2688×1520(4MP)	2880×1620(5MP)	3200×1800(6MP)	3840×2160(8MP)
Min. Illumination	Color: 0.006 Lux@(F1.8,AGC ON),0 Lux with light	Color: 0.006 Lux@(F1.8,AGC ON),0 Lux with light	Color: 0.006 Lux@(F1.8,AGC ON),0 Lux with light	Color: 0.006 Lux@(F1.8,AGC ON),0 Lux with light	Color: 0.006 Lux@(F1.6,AGC ON),0 Lux with light
Storage	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)
Angle Adjustment	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°
Focal Length	Varifocal lens 2.7-13.5mm	Varifocal lens 2.7-13.5mm	Varifocal lens 2.7-13.5mm	Varifocal lens 2.7-13.5mm	Varifocal lens 2.7-13.5mm
Field of View	Wide: H:97.1°;V:50.6°;D:118° Tele: H:32.3°;V:18.2°;D:37.1°	Wide: H:97.1°;V:50.6°;D:118° Tele: H:32.3°;V:18.2°;D:37.1°	Wide: H:106.6°;V: 54.4°;D: 132.9° Tele: H:34.6°;V:19.5°;D:39.8°	Wide: H:106.6°;V:54.4°;D:132.9° Tele: H:34.6°;V:19.5°;D:39.8°	Wide: H:113°;V:58.4°;D:138.2° Tele: H:31.4°;V:17.6°;D:36°
Illumination Distance	IR up to 40m, white light up to 40m	IR up to 40m, white light up to 40m	IR up to 40m, white light up to 40m	IR up to 40m, white light up to 40m	IR up to 40m, white light up to 40m
Video Compression	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265
Streaming Capability	2 streams	2 streams	2 streams	2 streams	2 streams
Wide Dynamic Range	120dB	120dB	120dB	120dB	120dB
Smart Function	Smart Motion Detection(SMD), Intrusion, Tripwire (support the classification and accurate detection of vehicle and human)				
Built-in Mic	Support	Support	Support	Support	Support
Built-in Speaker	Support	Support	Support	Support	Support
Operating Temperature	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)
Power Supply	12 VDC ± 25%; PoE,IEEE 802.3af	12 VDC ± 25%; PoE,IEEE 802.3af	12 VDC ± 25%; PoE,IEEE 802.3af	12 VDC ± 25%; PoE,IEEE 802.3af	12 VDC ± 25%; PoE,IEEE 802.3af
Humidity	≤95% RH (non-condensing)	≤95% RH (non-condensing)	≤95% RH (non-condensing)	≤95% RH (non-condensing)	≤95% RH (non-condensing)
Indoor/Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Protection Level	IP67	IP67	IP67	IP67	IP67

Dual-light (IL) versions are available for all models on this page.

Model	IPC-T2D2-ZI-U	IPC-T2D4-ZI-U	IPC-T2D5-ZI-U	IPC-T2D6-ZI-U	IPC-T2D8-ZI-U
Image					
	StarLight	StarLight	StarLight	StarLight	StarLight
Image Sensor	1/2.9" Progressive Scan CMOS	1/2.9" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS
Max. Resolution	1920×1080(2MP)	2688×1520(4MP)	2880×1620(5MP)	3200×1800(6MP)	3840×2160(8MP)
Min. Illumination	Color: 0.006 Lux@(F1.8,AGC ON),0 Lux with light	Color: 0.006 Lux@(F1.8,AGC ON),0 Lux with light	Color: 0.006 Lux@(F1.8,AGC ON),0 Lux with light	Color: 0.006 Lux@(F1.8,AGC ON),0 Lux with light	Color: 0.006 Lux@(F1.6,AGC ON),0 Lux with light
Storage	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)
Angle Adjustment	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°
Focal Length	Varifocal lens 2.7-13.5mm	Varifocal lens 2.7-13.5mm	Varifocal lens 2.7-13.5mm	Varifocal lens 2.7-13.5mm	Varifocal lens 2.7-13.5mm
Field of View	Wide: H:97.1°;V:50.6°;D:118° Tele: H:32.3°;V:18.2°;D:37.1°	Wide: H:97.1°;V:50.6°;D:118° Tele: H:32.3°;V:18.2°;D:37.1°	Wide: H:106.6°;V: 54.4°;D: 132.9° Tele: H:34.6°;V:19.5°;D:39.8°	Wide: H:106.6°;V:54.4°;D:132.9° Tele: H:34.6°;V:19.5°;D:39.8°	Wide: H:113°;V:58.4°;D:138.2° Tele: H:31.4°;V:17.6°;D:36°
Illumination Distance	IR up to 40m	IR up to 40m	IR up to 40m	IR up to 40m	IR up to 40m
Video Compression	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265
Streaming Capability	2 streams	2 streams	2 streams	2 streams	2 streams
Wide Dynamic Range	120dB	120dB	120dB	120dB	120dB
Smart Function	Smart Motion Detection(SMD), Intrusion, Tripwire (support the classification and accurate detection of vehicle and human)				
Built-in Mic	Support	Support	Support	Support	Support
Built-in Speaker	Support	Support	Support	Support	Support
Operating Temperature	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)
Power Supply	12 VDC ± 25%; PoE,IEEE 802.3af	12 VDC ± 25%; PoE,IEEE 802.3af	12 VDC ± 25%; PoE,IEEE 802.3af	12 VDC ± 25%; PoE,IEEE 802.3af	12 VDC ± 25%; PoE,IEEE 802.3af
Humidity	≤95% RH (non-condensing)	≤95% RH (non-condensing)	≤95% RH (non-condensing)	≤95% RH (non-condensing)	≤95% RH (non-condensing)
Indoor/Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Protection Level	IP67	IP67	IP67	IP67	IP67

Model	IPC-D22-ZIL-U	IPC-D24-ZIL-U	IPC-D25-ZIL-U	IPC-D26-ZIL-U	IPC-D28-ZIL-U
Image					
					
Image Sensor	1/2.9" Progressive Scan CMOS	1/2.9" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS
Max. Resolution	1920×1080(2MP)	2688×1520(4MP)	2880×1620(5MP)	3200×1800(6MP)	3840×2160(8MP)
Min. Illumination	Color: 0.006 Lux@(F1.8,AGC ON),0 Lux with light	Color: 0.006 Lux@(F1.8,AGC ON),0 Lux with light	Color: 0.006 Lux@(F1.8,AGC ON),0 Lux with light	Color: 0.006 Lux@(F1.8,AGC ON),0 Lux with light	Color: 0.006 Lux@(F1.6,AGC ON),0 Lux with light
Storage	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)
Angle Adjustment	Pan: 0°to 360°, Tilt: 0°to 75°, Rotate: 0°to 350°	Pan: 0°to 360°, Tilt: 0°to 75°, Rotate: 0°to 350°	Pan: 0°to 360°, Tilt: 0°to 75°, Rotate: 0°to 350°	Pan: 0°to 360°, Tilt: 0°to 75°, Rotate: 0°to 350°	Pan: 0°to 360°, Tilt: 0°to 75°, Rotate: 0°to 350°
Focal Length	Varifocal lens 2.7-13.5mm	Varifocal lens 2.7-13.5mm	Varifocal lens 2.7-13.5mm	Varifocal lens 2.7-13.5mm	Varifocal lens 2.7-13.5mm
Field of View	Wide: H:97.1°;V:50.6°;D:118° Tele: H:32.3°;V:18.2°;D:37.1°	Wide: H:97.1°;V:50.6°;D:118° Tele: H:32.3°;V:18.2°;D:37.1°	Wide: H:106.6°;V: 54.4°;D: 132.9° Tele: H:34.6°;V:19.5°;D:39.8°	Wide: H:106.6°;V: 54.4°;D: 132.9° Tele: H:34.6°;V:19.5°;D:39.8°	Wide: H:113°;V:58.4°;D:138.2° Tele: H:31.4°;V:17.6°;D:36°
Illumination Distance	IR up to 40m, white light up to 40m	IR up to 40m, white light up to 40m	IR up to 40m, white light up to 40m	IR up to 40m, white light up to 40m	IR up to 40m, white light up to 40m
Video Compression	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265
Streaming Capability	2 streams	2 streams	2 streams	2 streams	2 streams
Wide Dynamic Range	120dB	120dB	120dB	120dB	120dB
Smart Function	Smart Motion Detection(SMD), Intrusion, Tripwire (support the classification and accurate detection of vehicle and human)				
Built-in Mic	Support	Support	Support	Support	Support
Built-in Speaker	Support	Support	Support	Support	Support
Operating Temperature	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)
Power Supply	12 VDC ± 25%; PoE,IEEE 802.3af	12 VDC ± 25%; PoE,IEEE 802.3af	12 VDC ± 25%; PoE,IEEE 802.3af	12 VDC ± 25%; PoE,IEEE 802.3af	12 VDC ± 25%; PoE,IEEE 802.3af
Humidity	≤95% RH (non-condensing)	≤95% RH (non-condensing)	≤95% RH (non-condensing)	≤95% RH (non-condensing)	≤95% RH (non-condensing)
Indoor/Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Protection Level	IP67	IP67	IP67	IP67	IP67

Model	IPC-D22-ZI-U	IPC-D24-ZI-U	IPC-D25-ZI-U	IPC-D26-ZI-U	IPC-D28-ZI-U
Image					
					
Image Sensor	1/2.9" Progressive Scan CMOS	1/2.9" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS
Max. Resolution	1920×1080(2MP)	2688×1520(4MP)	2880×1620(5MP)	3200×1800(6MP)	3840×2160(8MP)
Min. Illumination	Color: 0.006 Lux@(F1.8,AGC ON),0 Lux with light	Color: 0.006 Lux@(F1.8,AGC ON),0 Lux with light	Color: 0.006 Lux@(F1.8,AGC ON),0 Lux with light	Color: 0.006 Lux@(F1.8,AGC ON),0 Lux with light	Color: 0.006 Lux@(F1.6,AGC ON),0 Lux with light
Storage	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)
Angle Adjustment	Pan: 0°to 360°, Tilt: 0°to 75°, Rotate: 0°to 350°	Pan: 0°to 360°, Tilt: 0°to 75°, Rotate: 0°to 350°	Pan: 0°to 360°, Tilt: 0°to 75°, Rotate: 0°to 350°	Pan: 0°to 360°, Tilt: 0°to 75°, Rotate: 0°to 350°	Pan: 0°to 360°, Tilt: 0°to 75°, Rotate: 0°to 350°
Focal Length	Varifocal lens 2.7-13.5mm	Varifocal lens 2.7-13.5mm	Varifocal lens 2.7-13.5mm	Varifocal lens 2.7-13.5mm	Varifocal lens 2.7-13.5mm
Field of View	Wide: H:97.1°;V:50.6°;D:118° Tele: H:32.3°;V:18.2°;D:37.1°	Wide: H:97.1°;V:50.6°;D:118° Tele: H:32.3°;V:18.2°;D:37.1°	Wide: H:106.6°;V: 54.4°;D:132.9° Tele: H:34.6°;V:19.5°;D:39.8°	Wide: H:106.6°;V:54.4°;D:132.9° Tele: H:34.6°;V:19.5°;D:39.8°	Wide: H:113°;V:58.4°;D:138.2° Tele: H:31.4°;V:17.6°;D:36°
Illumination Distance	IR up to 40m	IR up to 40m	IR up to 40m	IR up to 40m	IR up to 40m
Video Compression	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265
Streaming Capability	2 streams	2 streams	2 streams	2 streams	2 streams
Wide Dynamic Range	120dB	120dB	120dB	120dB	120dB
Smart Function	Smart Motion Detection(SMD), Intrusion, Tripwire (support the classification and accurate detection of vehicle and human)				
Built-in Mic	Support	Support	Support	Support	Support
Built-in Speaker	Support	Support	Support	Support	Support
Operating Temperature	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)
Power Supply	12 VDC ± 25%; PoE,IEEE 802.3af	12 VDC ± 25%; PoE,IEEE 802.3af	12 VDC ± 25%; PoE,IEEE 802.3af	12 VDC ± 25%; PoE,IEEE 802.3af	12 VDC ± 25%; PoE,IEEE 802.3af
Humidity	≤95% RH (non-condensing)	≤95% RH (non-condensing)	≤95% RH (non-condensing)	≤95% RH (non-condensing)	≤95% RH (non-condensing)
Indoor/Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Protection Level	IP67	IP67	IP67	IP67	IP67

Network Cameras

Lite-S Series

Lite-S Series cameras provide an ideal balance of performance and value. With improved imaging, flexible illumination options, and reliable monitoring capabilities, they are a smart choice for residential and small business security.



LITE-S

Model	IPC-B2S4-IL-U	IPC-B2S5-IL-U	IPC-B2S6-IL-U	IPC-B2S8-IL-U
Image	LITE-S	LITE-S	LITE-S	LITE-S
	Smart Hybrid Light	Smart Hybrid Light	Smart Hybrid Light	Smart Hybrid Light
Image				
Image Sensor	1/2.9" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS
Max. Resolution	2688×1520(4MP)	2880×1620(5MP)	3200×1800(6MP)	3840×2160(8MP)
Min. Illumination	Color: 0.006 Lux@(F1.6,AGC ON),0 Lux with light	Color: 0.006 Lux@(F1.6,AGC ON),0 Lux with light	Color: 0.006 Lux@(F1.6,AGC ON),0 Lux with light	Color: 0.006 Lux@(F1.6,AGC ON),0 Lux with light
Angle Adjustment	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°
Focal Length	2.8mm; 4mm	2.8mm; 4mm	2.8mm; 4mm	2.8mm; 4mm
Field of View	2.8mm: H:100°V:55°D:116° 4mm: H:83°V:45°D:99°	2.8mm: H:108°V:59°D:126° 4mm: H:89°V:47°D:107°	2.8mm: H:108°V:59°D:126° 4mm: H:89°V:47°D:107°	2.8mm: H:108.3°V:59.9°D:126.8° 4mm: H:90.3°V:47.8°D:108.5°
Storage	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)
Illumination Distance	IR up to 30m, white light up to 30m	IR up to 30m, white light up to 30m	IR up to 30m, white light up to 30m	IR up to 30m, white light up to 30m
Video Compression	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265
Streaming Capability	2 streams	2 streams	2 streams	2 streams
Wide Dynamic Range	120dB	120dB	120dB	120dB
Smart Function	Smart Motion Detection(SMD), Intrusion, Tripwire (support the classification and accurate detection of vehicle and human)			
Built-in Mic	Support	Support	Support	Support
Built-in Speaker	Support	Support	Support	Support
Operating Temperature	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)
Power Supply	12 VDC ± 25%;PoE,IEEE 802.3af	12 VDC ± 25%;PoE,IEEE 802.3af	12 VDC ± 25%;PoE,IEEE 802.3af	12 VDC ± 25%;PoE,IEEE 802.3af
Humidity	≤95% RH (non-condensing)	≤95% RH (non-condensing)	≤95% RH (non-condensing)	≤95% RH (non-condensing)
Indoor/Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Protection Level	IP67	IP67	IP67	IP67

Model	IPC-B2S4-I-U	IPC-B2S5-I-U	IPC-B2S6-I-U	IPC-B2S8-I-U
Image	LITE-S	LITE-S	LITE-S	LITE-S
	★StarLight	★StarLight	★StarLight	★StarLight
Image				
Image Sensor	1/2.9" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS
Max. Resolution	2688×1520(4MP)	2880×1620(5MP)	3200×1800(6MP)	3840×2160(8MP)
Min. Illumination	Color: 0.006 Lux@(F1.6,AGC ON),0 Lux with light	Color: 0.006 Lux@(F1.6,AGC ON),0 Lux with light	Color: 0.006 Lux@(F1.6,AGC ON),0 Lux with light	Color: 0.006 Lux@(F1.6,AGC ON),0 Lux with light
Angle Adjustment	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°
Focal Length	2.8mm; 4mm	2.8mm; 4mm	2.8mm; 4mm	2.8mm; 4mm
Field of View	2.8mm: H:100°V:55°D:116° 4mm: H:83°V:45°D:99°	2.8mm: H:108°V:59°D:126° 4mm: H:89°V:47°D:107°	2.8mm: H:108°V:59°D:126° 4mm: H:89°V:47°D:107°	2.8mm: H:108.3°V:59.9°D:126.8° 4mm: H:90.3°V:47.8°D:108.5°
Storage	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)
Illumination Distance	IR up to 30m	IR up to 30m	IR up to 30m	IR up to 30m
Video Compression	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265
Streaming Capability	2 streams	2 streams	2 streams	2 streams
Wide Dynamic Range	120dB	120dB	120dB	120dB
Smart Function	Smart Motion Detection(SMD), Intrusion, Tripwire (support the classification and accurate detection of vehicle and human)			
Built-in Mic	Support	Support	Support	Support
Built-in Speaker	Support	Support	Support	Support
Operating Temperature	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)
Power Supply	12 VDC ± 25%;PoE,IEEE 802.3af	12 VDC ± 25%;PoE,IEEE 802.3af	12 VDC ± 25%;PoE,IEEE 802.3af	12 VDC ± 25%;PoE,IEEE 802.3af
Humidity	≤95% RH (non-condensing)	≤95% RH (non-condensing)	≤95% RH (non-condensing)	≤95% RH (non-condensing)
Indoor/Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Protection Level	IP67	IP67	IP67	IP67

Model	IPC-T2S4-IL-U	IPC-T2S5-IL-U	IPC-T2S6-IL-U	IPC-T2S8-IL-U
Image				
				
Image Sensor	1/2.9" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS
Max. Resolution	2688×1520(4MP)	2880×1620(5MP)	3200×1800(6MP)	3840×2160(8MP)
Min. Illumination	Color: 0.006 Lux@(F1.6,AGC ON),0 Lux with light	Color: 0.006 Lux@(F1.6,AGC ON),0 Lux with light	Color: 0.006 Lux@(F1.6,AGC ON),0 Lux with light	Color: 0.006 Lux@(F1.6,AGC ON),0 Lux with light
Angle Adjustment	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°
Focal Length	2.8mm; 4mm	2.8mm; 4mm	2.8mm; 4mm	2.8mm; 4mm
Field of View	2.8mm: H:100°V:55°D:116° 4mm: H:83°V:45°D:99°	2.8mm: H:108°V:59°D:126° 4mm: H:89°V:47°D:107°	2.8mm: H:108°V:59°D:126° 4mm: H:89°V:47°D:107°	2.8mm: H:108.3°V:59.9°D:126.8° 4mm: H:90.3°V:47.8°D:108.5°
Storage	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)
Illumination Distance	IR up to 30m, white light up to 30m	IR up to 30m, white light up to 30m	IR up to 30m, white light up to 30m	IR up to 30m, white light up to 30m
Video Compression	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265
Streaming Capability	2 streams	2 streams	2 streams	2 streams
Wide Dynamic Range	120dB	120dB	120dB	120dB
Smart Function	Smart Motion Detection(SMD), Intrusion, Tripwire (support the classification and accurate detection of vehicle and human)			
Built-in Mic	Support	Support	Support	Support
Built-in Speaker	Support	Support	Support	Support
Operating Temperature	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)
Power Supply	12 VDC ± 25%;PoE,IEEE 802.3af	12 VDC ± 25%;PoE,IEEE 802.3af	12 VDC ± 25%;PoE,IEEE 802.3af	12 VDC ± 25%;PoE,IEEE 802.3af
Humidity	≤95% RH (non-condensing)	≤95% RH (non-condensing)	≤95% RH (non-condensing)	≤95% RH (non-condensing)
Indoor/Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Protection Level	IP67	IP67	IP67	IP67

Model	IPC-T2S4-I-U	IPC-T2S5-I-U	IPC-T2S6-I-U	IPC-T2S8-I-U
Image				
				
Image Sensor	1/2.9" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS
Max. Resolution	2688×1520(4MP)	2880×1620(5MP)	3200×1800(6MP)	3840×2160(8MP)
Min. Illumination	Color: 0.006 Lux@(F1.6,AGC ON),0 Lux with light	Color: 0.006 Lux@(F1.6,AGC ON),0 Lux with light	Color: 0.006 Lux@(F1.6,AGC ON),0 Lux with light	Color: 0.006 Lux@(F1.6,AGC ON),0 Lux with light
Angle Adjustment	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°
Focal Length	2.8mm; 4mm	2.8mm; 4mm	2.8mm; 4mm	2.8mm; 4mm
Field of View	2.8mm: H:100°V:55°D:116° 4mm: H:83°V:45°D:99°	2.8mm: H:108°V:59°D:126° 4mm: H:89°V:47°D:107°	2.8mm: H:108°V:59°D:126° 4mm: H:89°V:47°D:107°	2.8mm: H:108.3°V:59.9°D:126.8° 4mm: H:90.3°V:47.8°D:108.5°
Storage	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)
Illumination Distance	IR up to 30m	IR up to 30m	IR up to 30m	IR up to 30m
Video Compression	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265
Streaming Capability	2 streams	2 streams	2 streams	2 streams
Wide Dynamic Range	120dB	120dB	120dB	120dB
Smart Function	Smart Motion Detection(SMD), Intrusion, Tripwire (support the classification and accurate detection of vehicle and human)			
Built-in Mic	Support	Support	Support	Support
Built-in Speaker	Support	Support	Support	Support
Operating Temperature	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)
Power Supply	12 VDC ± 25%;PoE,IEEE 802.3af	12 VDC ± 25%;PoE,IEEE 802.3af	12 VDC ± 25%;PoE,IEEE 802.3af	12 VDC ± 25%;PoE,IEEE 802.3af
Humidity	≤95% RH (non-condensing)	≤95% RH (non-condensing)	≤95% RH (non-condensing)	≤95% RH (non-condensing)
Indoor/Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Protection Level	IP67	IP67	IP67	IP67

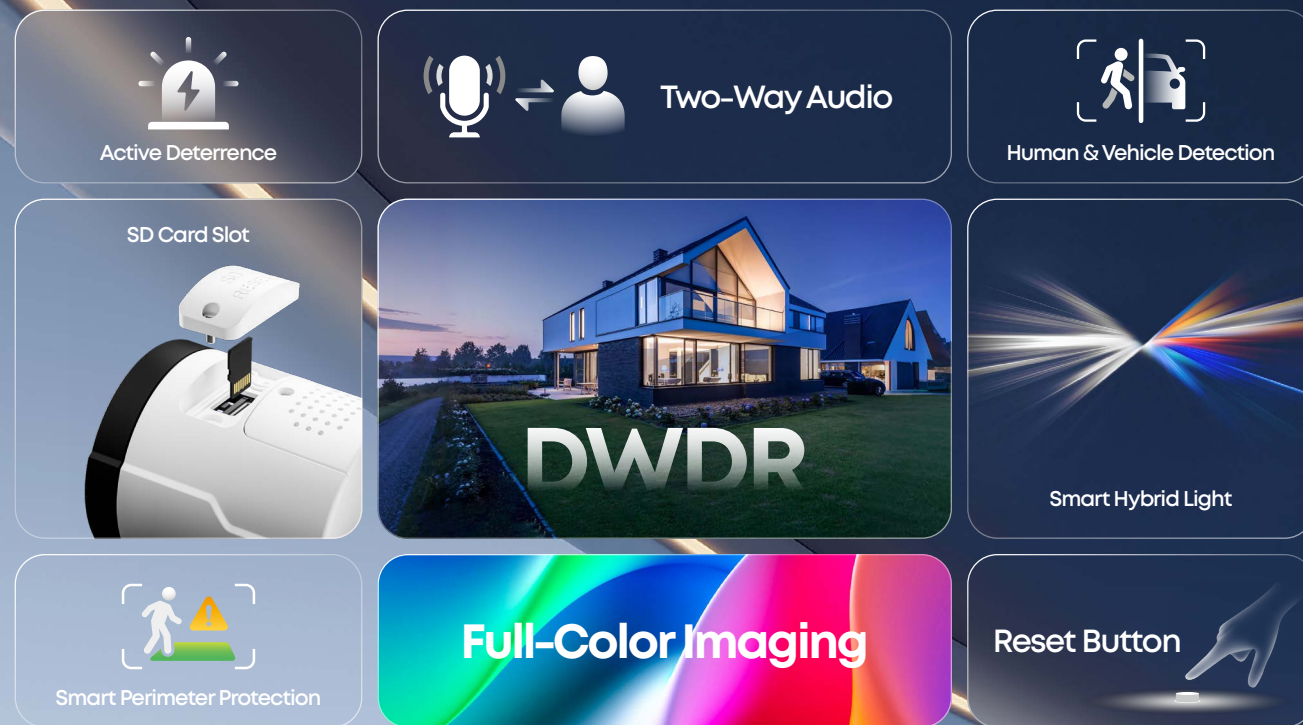
Model	IPC-D2S4-IL-U	IPC-D2S5-IL-U	IPC-D2S6-IL-U	IPC-D2S8-IL-U
Image				
				
Image Sensor	1/2.9" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS
Max. Resolution	2688×1520(4MP)	2880×1620(5MP)	3200×1800(6MP)	3840×2160(8MP)
Min. Illumination	Color: 0.006 Lux@(F1.6,AGC ON),0 Lux with light	Color: 0.006 Lux@(F1.6,AGC ON),0 Lux with light	Color: 0.006 Lux@(F1.6,AGC ON),0 Lux with light	Color: 0.006 Lux@(F1.6,AGC ON),0 Lux with light
Angle Adjustment	Pan: 0°to 360°, Tilt: 0°to 75°, Rotate: 0°to 350°	Pan: 0°to 360°, Tilt: 0°to 75°, Rotate: 0°to 350°	Pan: 0°to 360°, Tilt: 0°to 75°, Rotate: 0°to 350°	Pan: 0°to 360°, Tilt: 0°to 75°, Rotate: 0°to 350°
Focal Length	2.8mm; 4mm	2.8mm; 4mm	2.8mm; 4mm	2.8mm; 4mm
Field of View	2.8mm: H:100°V:55°D:116° 4mm: H:83°V:45°D:99°	2.8mm: H:108°V:59°D:126° 4mm: H:89°V:47°D:107°	2.8mm: H:108°V:59°D:126° 4mm: H:89°V:47°D:107°	2.8mm: H:108.3°V:59.9°D:126.8° 4mm: H:90.3°V:47.8°D:108.5°
Storage	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)
Illumination Distance	IR up to 30m, white light up to 30m	IR up to 30m, white light up to 30m	IR up to 30m, white light up to 30m	IR up to 30m, white light up to 30m
Video Compression	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265
Streaming Capability	2 streams	2 streams	2 streams	2 streams
Wide Dynamic Range	120dB	120dB	120dB	120dB
Smart Function	Smart Motion Detection(SMD), Intrusion, Tripwire (support the classification and accurate detection of vehicle and human)			
Built-in Mic	Support	Support	Support	Support
Built-in Speaker	Support	Support	Support	Support
Operating Temperature	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)
Power Supply	12 VDC ± 25%;PoE,IEEE 802.3af	12 VDC ± 25%;PoE,IEEE 802.3af	12 VDC ± 25%;PoE,IEEE 802.3af	12 VDC ± 25%;PoE,IEEE 802.3af
Humidity	≤95% RH (non-condensing)	≤95% RH (non-condensing)	≤95% RH (non-condensing)	≤95% RH (non-condensing)
Indoor/Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Protection Level	IP67	IP67	IP67	IP67

Model	IPC-D2S4-I-U	IPC-D2S5-I-U	IPC-D2S6-I-U	IPC-D2S8-I-U
Image				
				
Image Sensor	1/2.9" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS	1/2.7" Progressive Scan CMOS
Max. Resolution	2688×1520(4MP)	2880×1620(5MP)	3200×1800(6MP)	3840×2160(8MP)
Min. Illumination	Color: 0.006 Lux@(F1.6,AGC ON),0 Lux with light	Color: 0.006 Lux@(F1.6,AGC ON),0 Lux with light	Color: 0.006 Lux@(F1.6,AGC ON),0 Lux with light	Color: 0.006 Lux@(F1.6,AGC ON),0 Lux with light
Angle Adjustment	Pan: 0°to 360°, Tilt: 0°to 75°, Rotate: 0°to 350°	Pan: 0°to 360°, Tilt: 0°to 75°, Rotate: 0°to 350°	Pan: 0°to 360°, Tilt: 0°to 75°, Rotate: 0°to 350°	Pan: 0°to 360°, Tilt: 0°to 75°, Rotate: 0°to 350°
Focal Length	2.8mm; 4mm	2.8mm; 4mm	2.8mm; 4mm	2.8mm; 4mm
Field of View	2.8mm: H:100°V:55°D:116° 4mm: H:83°V:45°D:99°	2.8mm: H:108°V:59°D:126° 4mm: H:89°V:47°D:107°	2.8mm: H:108°V:59°D:126° 4mm: H:89°V:47°D:107°	2.8mm: H:108.3°V:59.9°D:126.8° 4mm: H:90.3°V:47.8°D:108.5°
Storage	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)
Illumination Distance	IR up to 30m	IR up to 30m	IR up to 30m	IR up to 30m
Video Compression	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265
Streaming Capability	2 streams	2 streams	2 streams	2 streams
Wide Dynamic Range	120dB	120dB	120dB	120dB
Smart Function	Smart Motion Detection(SMD), Intrusion, Tripwire (support the classification and accurate detection of vehicle and human)			
Built-in Mic	Support	Support	Support	Support
Built-in Speaker	Support	Support	Support	Support
Operating Temperature	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)
Power Supply	12 VDC ± 25%;PoE,IEEE 802.3af	12 VDC ± 25%;PoE,IEEE 802.3af	12 VDC ± 25%;PoE,IEEE 802.3af	12 VDC ± 25%;PoE,IEEE 802.3af
Humidity	≤95% RH (non-condensing)	≤95% RH (non-condensing)	≤95% RH (non-condensing)	≤95% RH (non-condensing)
Indoor/Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Protection Level	IP67	IP67	IP67	IP67

Network Cameras

Basic Series

Basic Series cameras feature a compact design, stable performance, and cost-effective protection. With infrared and dual-light options, they deliver reliable day-and-night security for homes and small businesses.



BASIC

Reliable Surveillance, Everyday Solutions



Model	IPC-B14-IL-BU	IPC-B15-IL-BU	IPC-B18-IL-U
Image	Basic	Basic	Basic
	Smart Hybrid Light	Smart Hybrid Light	Smart Hybrid Light
			
Image Sensor	1/3"Progressive Scan CMOS	1/3"Progressive Scan CMOS	1/2.7" Progressive Scan CMOS
Max. Resolution	2560×1440(4MP)	2560×1920(5MP)	3840×2160(8MP)
Min. Illumination	Color: 0.01 Lux@(F2.0, AGC ON), 0 Lux with light	Color: 0.01 Lux@(F2.0, AGC ON), 0 Lux with light	Color: 0.01 Lux@(F1.6, AGC ON), 0 Lux with light
Angle Adjustment	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°
Focal Length	2.8mm; 4mm	2.8mm; 4mm	2.8mm; 4mm
Field of View	2.8mm: H: 90.2°, V: 49.3°,D: 105.5° 4mm: H: 77.7°,V: 40.5°, D: 92.5°	2.8mm: H: 90.2°, V: 49.3°,D: 105.5° 4mm: H: 77.7°,V: 40.5°, D: 92.5°	2.8mm: H: 108.3°, V: 59.9°, D: 126.8° 4mm: H: 90.3°, V: 47.8°, D: 108.5°
Illumination Distance	IR up to 30m, warm light up to 25m	IR up to 30m, warm light up to 25m	IR up to 30m, warm light up to 25m
Video Compression	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265
Streaming Capability	2 streams	2 streams	2 streams
Wide Dynamic Range	DWDR	DWDR	DWDR
Storage	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)
Smart Function	Smart Motion Detection(SMD), Intrusion, Tripwire (support the classification and accurate detection of vehicle and human)		
Built-in Mic	Support	Support	Support
Built-in Speaker	Support	Support	Support
Operating Temperature	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)
Power Supply	12 VDC ± 25%;PoE,IEEE 802.3af	12 VDC ± 25%;PoE,IEEE 802.3af	12 VDC ± 25%;PoE,IEEE 802.3af
Humidity	≤95% RH (non-condensing)	≤95% RH (non-condensing)	≤95% RH (non-condensing)
Indoor/Outdoor	Outdoor	Outdoor	Outdoor
Protection Level	IP67	IP67	IP67

Model	IPC-B14-I-BU	IPC-B15-I-BU	IPC-B18-I-U
Image	Basic	Basic	Basic
	StarLight	StarLight	StarLight
			
Image Sensor	1/3"Progressive Scan CMOS	1/3"Progressive Scan CMOS	1/2.7" Progressive Scan CMOS
Max. Resolution	2560×1440(4MP)	2560×1920(5MP)	3840×2160(8MP)
Min. Illumination	Color: 0.01 Lux@(F2.0, AGC ON), 0 Lux with light	Color: 0.01 Lux@(F2.0, AGC ON), 0 Lux with light	Color: 0.01 Lux@(F1.6, AGC ON), 0 Lux with light
Angle Adjustment	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°
Focal Length	2.8mm; 4mm	2.8mm; 4mm	2.8mm; 4mm
Field of View	2.8mm: H: 90.2°, V: 49.3°,D: 105.5° 4mm: H: 77.7°,V: 40.5°, D: 92.5°	2.8mm: H: 90.2°, V: 49.3°,D: 105.5° 4mm: H: 77.7°,V: 40.5°, D: 92.5°	2.8mm: H: 108.3°, V: 59.9°, D: 126.8° 4mm: H: 90.3°, V: 47.8°, D: 108.5°
Illumination Distance	IR up to 30m	IR up to 30m	IR up to 30m
Video Compression	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265
Streaming Capability	2 streams	2 streams	2 streams
Wide Dynamic Range	DWDR	DWDR	DWDR
Storage	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)
Smart Function	Smart Motion Detection(SMD), Intrusion, Tripwire (support the classification and accurate detection of vehicle and human)		
Built-in Mic	Support	Support	Support
Built-in Speaker	Support	Support	Support
Operating Temperature	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)
Power Supply	12 VDC ± 25%;PoE,IEEE 802.3af	12 VDC ± 25%;PoE,IEEE 802.3af	12 VDC ± 25%;PoE,IEEE 802.3af
Humidity	≤95% RH (non-condensing)	≤95% RH (non-condensing)	≤95% RH (non-condensing)
Indoor/Outdoor	Outdoor	Outdoor	Outdoor
Protection Level	IP67	IP67	IP67

Model	IPC-T14-IL-BU	IPC-T15-IL-BU	IPC-T18-IL-BU
Image	Basic	Basic	Basic
	Smart Hybrid Light	Smart Hybrid Light	Smart Hybrid Light
			
Image Sensor	1/3"Progressive Scan CMOS	1/3"Progressive Scan CMOS	1/2.7" Progressive Scan CMOS
Max. Resolution	2560×1440(4MP)	2560×1920(5MP)	3840×2160(8MP)
Min. Illumination	Color: 0.01 Lux@(F2.0, AGC ON), 0 Lux with light	Color: 0.01 Lux@(F2.0, AGC ON), 0 Lux with light	Color: 0.01 Lux@(F1.6, AGC ON), 0 Lux with light
Angle Adjustment	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°
Focal Length	2.8mm; 4mm	2.8mm; 4mm	2.8mm; 4mm
Field of View	2.8mm: H: 90.2°, V: 49.3°,D: 105.5° 4mm: H: 77.7°,V: 40.5°, D: 92.5°	2.8mm: H: 90.2°, V: 49.3°,D: 105.5° 4mm: H: 77.7°,V: 40.5°, D: 92.5°	2.8mm: H: 108.3°, V: 59.9°, D: 126.8° 4mm: H: 90.3°, V: 47.8°, D: 108.5°
Illumination Distance	IR up to 30m, warm light up to 25m	IR up to 30m, warm light up to 25m	IR up to 30m, warm light up to 25m
Video Compression	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265
Streaming Capability	2 streams	2 streams	2 streams
Wide Dynamic Range	DWDR	DWDR	DWDR
Storage	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)
Smart Function	Smart Motion Detection(SMD), Intrusion, Tripwire (support the classification and accurate detection of vehicle and human)		
Built-in Mic	Support	Support	Support
Built-in Speaker	Support	Support	Support
Operating Temperature	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)
Power Supply	12 VDC ± 25%;PoE,IEEE 802.3af	12 VDC ± 25%;PoE,IEEE 802.3af	12 VDC ± 25%;PoE,IEEE 802.3af
Humidity	≤95% RH (non-condensing)	≤95% RH (non-condensing)	≤95% RH (non-condensing)
Indoor/Outdoor	Outdoor	Outdoor	Outdoor
Protection Level	IP67	IP67	IP67

Model	IPC-T14-I-BU	IPC-T15-I-BU	IPC-T18-I-BU
Image	Basic	Basic	Basic
	★StarLight	★StarLight	★StarLight
			
Image Sensor	1/3"Progressive Scan CMOS	1/3"Progressive Scan CMOS	1/2.7" Progressive Scan CMOS
Max. Resolution	2560×1440(4MP)	2560×1920(5MP)	3840×2160(8MP)
Min. Illumination	Color: 0.01 Lux@(F2.0, AGC ON), 0 Lux with light	Color: 0.01 Lux@(F2.0, AGC ON), 0 Lux with light	Color: 0.01 Lux@(F1.6, AGC ON), 0 Lux with light
Angle Adjustment	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°
Focal Length	2.8mm; 4mm	2.8mm; 4mm	2.8mm; 4mm
Field of View	2.8mm: H: 90.2°, V: 49.3°,D: 105.5° 4mm: H: 77.7°,V: 40.5°, D: 92.5°	2.8mm: H: 90.2°, V: 49.3°,D: 105.5° 4mm: H: 77.7°,V: 40.5°, D: 92.5°	2.8mm: H: 108.3°, V: 59.9°, D: 126.8° 4mm: H: 90.3°, V: 47.8°, D: 108.5°
Illumination Distance	IR up to 30m	IR up to 30m	IR up to 30m
Video Compression	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265
Streaming Capability	2 streams	2 streams	2 streams
Wide Dynamic Range	DWDR	DWDR	DWDR
Storage	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)	FTP; Micro SD card (support max. 512 GB)
Smart Function	Smart Motion Detection(SMD), Intrusion, Tripwire (support the classification and accurate detection of vehicle and human)		
Built-in Mic	Support	Support	Support
Built-in Speaker	Support	Support	Support
Operating Temperature	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)
Power Supply	12 VDC ± 25%;PoE,IEEE 802.3af	12 VDC ± 25%;PoE,IEEE 802.3af	12 VDC ± 25%;PoE,IEEE 802.3af
Humidity	≤95% RH (non-condensing)	≤95% RH (non-condensing)	≤95% RH (non-condensing)
Indoor/Outdoor	Outdoor	Outdoor	Outdoor
Protection Level	IP67	IP67	IP67

Network Cameras

Entry Series

Entry Series cameras deliver cost-effective security with essential features including a built-in microphone, microSD card slot, and reset button. Designed for easy deployment and reliable performance, they are ideal for basic residential and small business protection.



Model	IPC-B12-IL-AS	IPC-B14-IL-BS	IPC-B15-IL-BS
Image	Entry	Entry	Entry
	Smart Hybrid Light	Smart Hybrid Light	Smart Hybrid Light
			
Image Sensor	1/3"Progressive Scan CMOS	1/3"Progressive Scan CMOS	1/3"Progressive Scan CMOS
Resolution	1920×1080(2MP)	2560×1440(4MP)	2560×1920(5MP)
Min. Illumination	Color: 0.01 Lux@ (F2.0, AGC ON), 0 Lux with light	Color: 0.01 Lux@ (F2.0, AGC ON), 0 Lux with light	Color: 0.01 Lux@ (F2.0, AGC ON), 0 Lux with light
Angle Adjustment	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°
Lens	2.8mm; 4mm	2.8mm; 4mm	2.8mm; 4mm
FOV	2.8mm: H: 90.2°, V: 49.3°,D: 105.5° 4mm: H: 77.7°V: 40.5°, D: 92.5°	2.8mm: H: 90.2°, V: 49.3°,D: 105.5° 4mm: H: 77.7°V: 40.5°, D: 92.5°	2.8mm: H: 90.2°, V: 49.3°,D: 105.5° 4mm: H: 77.7°V: 40.5°, D: 92.5°
Max. Light Range	IR up to 30m, warm light up to 25m	IR up to 30m, warm light up to 25m	IR up to 30m, warm light up to 25m
Video Compression	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265
Streams	2 streams	2 streams	2 streams
WDR	DWDR	DWDR	DWDR
Storage	FTP; Micro SD card (support max. 256 GB)	FTP; Micro SD card (support max. 256 GB)	FTP; Micro SD card (support max. 256 GB)
Smart Function	Smart Motion Detection	Smart Motion Detection	Smart Motion Detection
Built-in Mic	Support	Support	Support
Built-in Speaker	N/A	N/A	N/A
Operating Temperature	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)
Power Supply	12 VDC ± 25%;PoE,IEEE 802.3af	12 VDC ± 25%;PoE,IEEE 802.3af	12 VDC ± 25%;PoE,IEEE 802.3af
Humidity	≤95% RH (non-condensing)	≤95% RH (non-condensing)	≤95% RH (non-condensing)
Indoor/Outdoor	Outdoor	Outdoor	Outdoor
Protection Level	IP67	IP67	IP67

Model	IPC-B12-I-AS	IPC-B14-I-BS	IPC-B15-I-BS
Image	Entry	Entry	Entry
	StarLight	StarLight	StarLight
			
Image Sensor	1/3"Progressive Scan CMOS	1/3"Progressive Scan CMOS	1/3"Progressive Scan CMOS
Resolution	1920×1080(2MP)	2560×1440(4MP)	2560×1920(5MP)
Min. Illumination	Color: 0.01 Lux@ (F2.0, AGC ON), 0 Lux with light	Color: 0.01 Lux@ (F2.0, AGC ON), 0 Lux with light	Color: 0.01 Lux@ (F2.0, AGC ON), 0 Lux with light
Angle Adjustment	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°
Lens	2.8mm; 4mm	2.8mm; 4mm	2.8mm; 4mm
FOV	2.8mm: H: 90.2°, V: 49.3°,D: 105.5° 4mm: H: 77.7°V: 40.5°, D: 92.5°	2.8mm: H: 90.2°, V: 49.3°,D: 105.5° 4mm: H: 77.7°V: 40.5°, D: 92.5°	2.8mm: H: 90.2°, V: 49.3°,D: 105.5° 4mm: H: 77.7°V: 40.5°, D: 92.5°
Max. Light Range	IR up to 30m	IR up to 30m	IR up to 30m
Video Compression	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265
Streams	2 streams	2 streams	2 streams
WDR	DWDR	DWDR	DWDR
Storage	FTP; Micro SD card (support max. 256 GB)	FTP; Micro SD card (support max. 256 GB)	FTP; Micro SD card (support max. 256 GB)
Smart Function	Smart Motion Detection	Smart Motion Detection	Smart Motion Detection
Built-in Mic	Support	Support	Support
Built-in Speaker	N/A	N/A	N/A
Operating Temperature	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)
Power Supply	12 VDC ± 25%;PoE,IEEE 802.3af	12 VDC ± 25%;PoE,IEEE 802.3af	12 VDC ± 25%;PoE,IEEE 802.3af
Humidity	≤95% RH (non-condensing)	≤95% RH (non-condensing)	≤95% RH (non-condensing)
Indoor/Outdoor	Outdoor	Outdoor	Outdoor
Protection Level	IP67	IP67	IP67

Model	IPC-T12-IL-BS	IPC-T14-IL-BS	IPC-T15-IL-BS
Image	Entry	Entry	Entry
	Smart Hybrid Light	Smart Hybrid Light	Smart Hybrid Light
Image			
Image Sensor	1/3"Progressive Scan CMOS	1/3"Progressive Scan CMOS	1/3"Progressive Scan CMOS
Resolution	1920×1080(2MP)	2560×1440(4MP)	2560×1920(5MP)
Min. Illumination	Color: 0.01 Lux@ (F2.0, AGC ON), 0 Lux with light	Color: 0.01 Lux@ (F2.0, AGC ON), 0 Lux with light	Color: 0.01 Lux@ (F2.0, AGC ON), 0 Lux with light
Angle Adjustment	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°
Lens	2.8mm; 4mm	2.8mm; 4mm	2.8mm; 4mm
FOV	2.8mm: H: 90.2°, V: 49.3°,D: 105.5° 4mm: H: 77.7°V: 40.5°, D: 92.5°	2.8mm: H: 90.2°, V: 49.3°,D: 105.5° 4mm: H: 77.7°V: 40.5°, D: 92.5°	2.8mm: H: 90.2°, V: 49.3°,D: 105.5° 4mm: H: 77.7°V: 40.5°, D: 92.5°
Max. Light Range	IR up to 30m, warm light up to 25m	IR up to 30m, warm light up to 25m	IR up to 30m, warm light up to 25m
Video Compression	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265
Streams	2 streams	2 streams	2 streams
WDR	DWDR	DWDR	DWDR
Storage	FTP; Micro SD card (support max. 256 GB)	FTP; Micro SD card (support max. 256 GB)	FTP; Micro SD card (support max. 256 GB)
Smart Function	Smart Motion Detection	Smart Motion Detection	Smart Motion Detection
Built-in Mic	Support	Support	Support
Built-in Speaker	N/A	N/A	N/A
Operating Temperature	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)
Power Supply	12 VDC ± 25%;PoE,IEEE 802.3af	12 VDC ± 25%;PoE,IEEE 802.3af	12 VDC ± 25%;PoE,IEEE 802.3af
Humidity	≤95% RH (non-condensing)	≤95% RH (non-condensing)	≤95% RH (non-condensing)
Indoor/Outdoor	Outdoor	Outdoor	Outdoor
Protection Level	IP67	IP67	IP67

Model	IPC-T12-I-BS	IPC-T14-I-BS	IPC-T15-I-BS
Image	Entry	Entry	Entry
	★StarLight	★StarLight	★StarLight
Image			
Image Sensor	1/3"Progressive Scan CMOS	1/3"Progressive Scan CMOS	1/3"Progressive Scan CMOS
Resolution	1920×1080(2MP)	2560×1440(4MP)	2560×1920(5MP)
Min. Illumination	Color: 0.01 Lux@ (F2.0, AGC ON), 0 Lux with light	Color: 0.01 Lux@ (F2.0, AGC ON), 0 Lux with light	Color: 0.01 Lux@ (F2.0, AGC ON), 0 Lux with light
Angle Adjustment	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°	Pan: 0°to 360°, Tilt: 0°to 90°, Rotate: 0°to 360°
Lens	2.8mm; 4mm	2.8mm; 4mm	2.8mm; 4mm
FOV	2.8mm: H: 90.2°, V: 49.3°,D: 105.5° 4mm: H: 77.7°V: 40.5°, D: 92.5°	2.8mm: H: 90.2°, V: 49.3°,D: 105.5° 4mm: H: 77.7°V: 40.5°, D: 92.5°	2.8mm: H: 90.2°, V: 49.3°,D: 105.5° 4mm: H: 77.7°V: 40.5°, D: 92.5°
Max. Light Range	IR up to 30m	IR up to 30m	IR up to 30m
Video Compression	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265	Smart H.264/H.264, Smart H.265/H.265
Streams	2 streams	2 streams	2 streams
WDR	DWDR	DWDR	DWDR
Storage	FTP; Micro SD card (support max. 256 GB)	FTP; Micro SD card (support max. 256 GB)	FTP; Micro SD card (support max. 256 GB)
Smart Function	Smart Motion Detection	Smart Motion Detection	Smart Motion Detection
Built-in Mic	Support	Support	Support
Built-in Speaker	N/A	N/A	N/A
Operating Temperature	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)
Power Supply	12 VDC ± 25%;PoE,IEEE 802.3af	12 VDC ± 25%;PoE,IEEE 802.3af	12 VDC ± 25%;PoE,IEEE 802.3af
Humidity	≤95% RH (non-condensing)	≤95% RH (non-condensing)	≤95% RH (non-condensing)
Indoor/Outdoor	Outdoor	Outdoor	Outdoor
Protection Level	IP67	IP67	IP67

PTZ Cameras

Experience superior surveillance with the PTZ Camera, designed to deliver unparalleled coverage and precision.

Our pan-tilt-zoom (PTZ) cameras enable comprehensive monitoring by seamlessly controlling the camera lens direction to cover vast areas and zoom in on specific targets. Whether you need to monitor large spaces or focus on particular details, PTZ cameras offer the flexibility and functionality to meet your security needs.



Powerful
Zoom Capabilities



360°All-round
Protection



High-Definition
Imaging



Intelligent
Analytics*

*Smart motion detection | Face capture | Auto tracking | Perimeter protection

Model	SD24405-ILP	SD26220-IP	SD26420-IP	SD26820-IP	SD26225-IP
Image					
Image Sensor	1/3" Progressive Scan CMOS	1/2.9" Progressive Scan CMOS	1/2.9" Progressive Scan CMOS	1/2.9" Progressive Scan CMOS	1/2.9" Progressive Scan CMOS
Max. Resolution	2560*1440(4MP)	1920×1080(2MP)	2688×1520(4MP)	3840×2160(8MP)	1920×1080(2MP)
Min. Illumination	Color: 0.006 Lux@(F1.6,AGC ON), 0 Lux with light				
Focal Length	2.7mm~13.5mm	4.9 ~98 mm	4.9 ~98 mm	4.9 ~98 mm	5.2 ~130 mm
Optical Zoom	5x	20x	20x	20x	25x
Field of View	Wide: H:93.9°V:49.8°,D:112.1° Tele: H:28.5°,V:16.1°,D:32.7°	Wide: H:53.9°V:31°,D:61.6° Tele: H:3.4°,V:1.9°,D:3.9°	Wide: H:53.9°V:31°,D:61.6° Tele: H:3.4°,V:1.9°,D:3.9°	Wide: H:53.9°V:31°,D:61.6° Tele: H:3.4°,V:1.9°,D:3.9°	Wide: H:55.3°V:32.2°,D:62.4° Tele: H:3.2°,V:1.8°,D:3.7°
Pan/Tilt Range	Pan: 0°~355° Tilt: -15°~ +95°"	Pan: 0°~360°endless Tilt: -15°~ +95°,auto flip 180°			
Manual Control Speed	Pan: 130°/s; Tilt: 100°/s	Pan: 240°/s; Tilt: 200°/s	Pan: 240°/s; Tilt: 200°/s	Pan: 240°/s; Tilt: 200°/s	Pan: 240°/s; Tilt: 200°/s
Preset Speed	Pan: 130°/s; Tilt: 100°/s	Pan: 240°/s; Tilt: 200°/s	Pan: 240°/s; Tilt: 200°/s	Pan: 240°/s; Tilt: 200°/s	Pan: 240°/s; Tilt: 200°/s
Illumination Distance	IR up to 50m, White light up to 30m	IR up to 150m	IR up to 150m	IR up to 150m	IR up to 150m
Video Compression	H.265/H.264	H.265/H.264	H.265/H.264	H.265/H.264	H.265/H.264
	Smart H264, Smart H265	Smart H264, Smart H265	Smart H264, Smart H265	Smart H264, Smart H265	Smart H264, Smart H265
Streaming Capability	2 streams	2 streams	2 streams	2 streams	3 streams
Wide Dynamic Range	120dB	120dB	120dB	120dB	120dB
Smart Intrusion Prevention	Smart Motion Detection(SMD), Intrusion, Tripwire (support the classification and accurate detection of vehicle and human)				
Smart Tracking	Auto Tracking (Automatically initiates tracking when a target triggers the IVS rules)				
Statistical Analysis	N/A	N/A	N/A	N/A	People counting,heatmap
Face Capture	N/A	N/A	N/A	N/A	Support
Sound&Flash Light Warning	Red&blue light flashing alarm + sound alarm	Red&blue light flashing alarm + sound alarm	Red&blue light flashing alarm + sound alarm	Red&blue light flashing alarm + sound alarm	Red&blue light flashing alarm + sound alarm
Audio I/O	1/1	1/1	1/1	1/1	1/1
Alarm I/O	2/1	2/1	2/1	2/1	2/1
Built-in Mic	Support	Support	Support	Support	Support
Built-in Speaker	Support	Support	Support	Support	Support
RS485	1	1	1	1	1
Power Supply	12VDC±25%, PoE (IEEE 802.3at,class 3)				

Model	SD26425-IP	SD26825-IP	SD26232-IP	SD26432-IP	SD26832-IP
Image					
Image Sensor	1/2.9" Progressive Scan CMOS	1/2.9" Progressive Scan CMOS	1/2.9" Progressive Scan CMOS	1/2.9" Progressive Scan CMOS	1/2.9" Progressive Scan CMOS
Max. Resolution	2688×1520(4MP)	3840×2160(8MP)	1920×1080(2MP)	2688×1520(4MP)	3840×2160(8MP)
Min. Illumination	Color: 0.006 Lux@(F1.6,AGC ON),0 Lux with light				
Focal Length	5.2 ~130 mm	5.2 ~130 mm	5 ~160 mm	5 ~160 mm	5 ~160 mm
Optical Zoom	25×	25×	32×	32×	32×
Field of View	Wide: H:55.3°V:32.2°,D:62.4° Tele: H:3.2°,V:1.8°,D:3.7°	Wide: H:55.3°V:32.2°,D:62.4° Tele: H:3.2°,V:1.8°,D:3.7°	Wide: H:57°V:32.6°,D:65° Tele: H:2.3°,V:1.3°,D:2.7°	Wide: H:57°V:32.6°,D:65° Tele: H:2.3°,V:1.3°,D:2.7°	Wide: H:57°V:32.6°,D:65° Tele: H:2.3°,V:1.3°,D:2.7°
Pan/Tilt Range	Pan: 0°~360°endless Tilt: -15°~ +95°, auto flip 180°	Pan: 0°~360°endless Tilt: -15°~ +90°, auto flip 180°	Pan: 0°~360°endless Tilt: -15°~ +95°, auto flip 180°	Pan: 0°~360°endless Tilt: -15°~ +90°, auto flip 180°	Pan: 0°~360°endless Tilt: -15°~ +90°, auto flip 180°
Manual Control Speed	Pan: 240°/s; Tilt: 200°/s	Pan: 240°/s; Tilt: 200°/s	Pan: 240°/s; Tilt: 200°/s	Pan: 240°/s; Tilt: 200°/s	Pan: 240°/s; Tilt: 200°/s
Preset Speed	Pan: 240°/s; Tilt: 200°/s	Pan: 240°/s; Tilt: 200°/s	Pan: 240°/s; Tilt: 200°/s	Pan: 240°/s; Tilt: 200°/s	Pan: 240°/s; Tilt: 200°/s
Illumination Distance	IR up to 150m	IR up to 150m	IR up to 150m	IR up to 150m	IR up to 150m
Video Compression	H.265/H.264	H.265/H.264	H.265/H.264	H.265/H.264	H.265/H.264
	Smart H264, Smart H265	Smart H264, Smart H265	Smart H264, Smart H265	Smart H264, Smart H265	Smart H264, Smart H265
Streaming Capability	3 streams	3 streams	3 streams	3 streams	3 streams
Wide Dynamic Range	120dB	120dB	120dB	120dB	120dB
Smart Intrusion Prevention	Smart Motion Detection(SMD), Intrusion, Tripwire (support the classification and accurate detection of vehicle and human)				
Smart Tracking	Auto Tracking(Automatically initiates tracking when a target triggers the IVS rules)				
Statistical Analysis	People counting,heatmap	People counting,heatmap	People counting,heatmap	People counting,heatmap	People counting,heatmap
Face Capture	Support	Support	Support	Support	Support
Sound&Flash Light Warning	Red&blue light flashing alarm + sound alarm	Red&blue light flashing alarm + sound alarm	Red&blue light flashing alarm + sound alarm	Red&blue light flashing alarm + sound alarm	Red&blue light flashing alarm + sound alarm
Audio I/O	1/1	1/1	1/1	1/1	1/1
Alarm I/O	2/1	2/1	2/1	2/1	2/1
Built-in Mic	Support	Support	Support	Support	Support
Built-in Speaker	Support	Support	Support	Support	Support
RS485	1	1	1	1	1
Power Supply	12VDC±25%, PoE (IEEE 802.3at,class 3)				

Model	SD36220-I	SD36420-I	SD36820-I	SD36225-I	SD36425-I
Image					
	 6 inch	 6 inch	 6 inch	 6 inch	 6 inch
Image Sensor	1/2.9" Progressive Scan CMOS	1/2.9" Progressive Scan CMOS	1/2.9" Progressive Scan CMOS	1/2.9" Progressive Scan CMOS	1/2.9" Progressive Scan CMOS
Max. Resolution	1920×1080(2MP)	2688×1520(4MP)	3840×2160(8MP)	1920×1080(2MP)	2688×1520(4MP)
Min. Illumination	Color: 0.006 Lux@(F1.6,AGC ON), 0 Lux with light				
Focal Length	4.9 ~98 mm	4.9 ~98 mm	4.9 ~98 mm	5.2 ~130 mm	5.2 ~130 mm
Optical Zoom	20×	20×	20×	25×	25×
Field of View	Wide: H:53.9°;V:31°,D:61.6° Tele: H:3.4°, V:1.9°,D:3.9°	Wide: H:53.9°;V:31°,D:61.6° Tele: H:3.4°, V:1.9°,D:3.9°	Wide: H:53.9°;V:31°,D:61.6° Tele: H:3.4°, V:1.9°,D:3.9°	Wide: H:55.3°;V:32.2°,D:62.4° Tele: H:3.2°, V:1.8°,D:3.7°	Wide: H:55.3°;V:32.2°,D:62.4° Tele: H:3.2°, V:1.8°,D:3.7°
Pan/Tilt Range	Pan: 0°~360°endless Tilt: -15°~ +95°, auto flip 180°	Pan: 0°~360°endless Tilt: -15°~ +95°, auto flip 180°	Pan: 0°~360°endless Tilt: -15°~ +95°, auto flip 180°	Pan: 0°~360°endless Tilt: -5°~ +90°, auto flip 180°	Pan: 0°~360°endless Tilt: -5°~ +90°, auto flip 180°
Manual Control Speed	Pan: 240°/s; Tilt: 150°/s	Pan: 240°/s; Tilt: 150°/s	Pan: 240°/s; Tilt: 150°/s	Pan: 240°/s; Tilt: 150°/s	Pan: 240°/s; Tilt: 150°/s
Preset Speed	Pan: 240°/s; Tilt: 150°/s	Pan: 240°/s; Tilt: 150°/s	Pan: 240°/s; Tilt: 150°/s	Pan: 240°/s; Tilt: 150°/s	Pan: 240°/s; Tilt: 150°/s
Illumination Distance	IR up to 150m	IR up to 150m	IR up to 150m	IR up to 150m	IR up to 150m
Video Compression	H.265/H.264	H.265/H.264	H.265/H.264	H.265/H.264	H.265/H.264
	Smart H264, Smart H265	Smart H264, Smart H265	Smart H264, Smart H265	Smart H264, Smart H265	Smart H264, Smart H265
Streaming Capability	2 streams	2 streams	2 streams	3 streams	3 streams
Wide Dynamic Range	120dB	120dB	120dB	120dB	120dB
Smart Intrusion Prevention	Smart Motion Detection(SMD), Intrusion, Tripwire (support the classification and accurate detection of vehicle and human)				
Smart Tracking	Auto Tracking (Automatically initiates tracking when a target triggers the IVS rules)				
Statistical Analysis	N/A	N/A	N/A	People counting,heatmap	People counting,heatmap
Face Capture	N/A	N/A	N/A	Support	Support
Sound&Flash Light Warning	sound alarm	sound alarm	sound alarm	sound alarm	sound alarm
Audio I/O	1/1	1/1	1/1	1/1	1/1
Alarm I/O	2/1	2/1	2/1	2/1	2/1
Built-in Mic	Support	Support	Support	Support	Support
Built-in Speaker	Support	Support	Support	Support	Support
RS485	1	1	1	1	1
Power Supply	12VDC±25%, PoE (IEEE 802.3at,class 3)				

Model	SD36825-I	SD36232-I	SD36432-I	SD36832-I
Image				
	 6 inch	 6 inch	 6 inch	 6 inch
Image Sensor	1/2.9" Progressive Scan CMOS	1/2.9" Progressive Scan CMOS	1/2.9" Progressive Scan CMOS	1/2.9" Progressive Scan CMOS
Max. Resolution	3840×2160(8MP)	1920×1080(2MP)	2688×1520(4MP)	3840×2160(8MP)
Min. Illumination	Color: 0.006 Lux@(F1.6,AGC ON), 0 Lux with light	Color: 0.006 Lux@(F1.6,AGC ON), 0 Lux with light	Color: 0.006 Lux@(F1.6,AGC ON), 0 Lux with light	Color: 0.006 Lux@(F1.6,AGC ON), 0 Lux with light
Focal Length	5.2 ~130 mm	5 ~160 mm	5 ~160 mm	5 ~160 mm
Optical Zoom	25×	32×	32×	32×
Field of View	Wide: H:55.3°;V:32.2°,D:62.4° Tele: H:3.2°, V:1.8°,D:3.7°	Wide: H:57°;V:32.6°,D:65° Tele: H:2.3°, V:1.3°,D:2.7°	Wide: H:57°;V:32.6°,D:65° Tele: H:2.3°, V:1.3°,D:2.7°	Wide: H:57°;V:32.6°,D:65° Tele: H:2.3°, V:1.3°,D:2.7°
Pan/Tilt Range	Pan: 0°~360°endless Tilt: -5°~ +90°,auto flip 180°	Pan: 0°~360°endless Tilt: -5°~ +90°,auto flip 180°	Pan: 0°~360°endless Tilt: -5°~ +90°,auto flip 180°	Pan: 0°~360°endless Tilt: -5°~ +90°,auto flip 180°
Manual Control Speed	Pan: 240°/s; Tilt: 150°/s	Pan: 240°/s; Tilt: 150°/s	Pan: 240°/s; Tilt: 150°/s	Pan: 240°/s; Tilt: 150°/s
Preset Speed	Pan: 240°/s; Tilt: 150°/s	Pan: 240°/s; Tilt: 150°/s	Pan: 240°/s; Tilt: 150°/s	Pan: 240°/s; Tilt: 150°/s
Illumination Distance	IR up to 150m	IR up to 150m	IR up to 150m	IR up to 150m
Video Compression	H.265/H.264	H.265/H.264	H.265/H.264	H.265/H.264
	Smart H264, Smart H265	Smart H264, Smart H265	Smart H264, Smart H265	Smart H264, Smart H265
Streaming Capability	3 streams	3 streams	3 streams	3 streams
Wide Dynamic Range	120dB	120dB	120dB	120dB
Smart Intrusion Prevention	Smart Motion Detection(SMD), Intrusion, Tripwire (support the classification and accurate detection of vehicle and human)			
Smart Tracking	Auto Tracking (Automatically initiates tracking when a target triggers the IVS rules)			
Statistical Analysis	People counting,heatmap	People counting,heatmap	People counting,heatmap	People counting,heatmap
Face Capture	Support	Support	Support	Support
Sound&Flash Light Warning	sound alarm	sound alarm	sound alarm	sound alarm
Audio I/O	1/1	1/1	1/1	1/1
Alarm I/O	2/1	2/1	2/1	2/1
Built-in Mic	Support	Support	Support	Support
Built-in Speaker	Support	Support	Support	Support
RS485	1	1	1	1
Power Supply	12VDC±25%, PoE (IEEE 802.3at,class 3)			

Thermal Network Cameras

Thermal Cameras deliver reliable detection and monitoring in complete darkness, adverse weather, and challenging environments.

Powered by advanced thermal imaging and intelligent AI analytics, they provide early threat detection for perimeter protection, fire prevention, and critical infrastructure security.



All-Weather Performance



Heat Monitoring



Active Deterrence



Smart Motion Detection



Human & Vehicle Detection



Two-Way Audio



Model	TPC-B3402-ILP	TPC-T3402-ILP
Image		
Thermal		
Detector Type	Vanadium oxide uncooled focal plane detector	Vanadium oxide uncooled focal plane detector
Resolution	256 × 192	256 × 192
Pixel Pitch	12μm	12μm
Spectral Range	8μm ~ 14μm	8μm ~ 14μm
Thermal Sensitivity (NETD)	≤50 mK@F/1.0@25°C	≤50 mK@F/1.0@25°C
Field of View(H×V)	3.2mm: 56°× 42.2°; 7mm: 24.8°× 18.7°	3.2mm: 56°× 42.2°; 7mm: 24.8°× 18.7°
Visible		
Intelligence	Fire Detection,Cold & Hot Spot Trace,Temperature Measurement	Fire Detection,Cold & Hot Spot Trace,Temperature Measurement
Image Sensor	1/2.9"Progressive Scan CMOS	1/2.9"Progressive Scan CMOS
Max. Resolution	2688×1520(4MP)	2688×1520(4MP)
Min. Illumination	Color: 0.006 Lux@(F1.6,AGC ON),0 Lux with light	Color: 0.006 Lux@(F1.6,AGC ON),0 Lux with light
Field of View	2.8mm:H:100°,V:55°,D:116°; 4mm:H:83°,V:45°,D:99°	2.8mm:H:100°,V:55°,D:116°; 4mm:H:83°,V:45°,D:99°
Wide Dynamic Range	120dB	120dB
Illumination Distance	IR&White Light(3), IR up to 25m, warm light up to 25m	IR(1), White Light(1), IR up to 25m, warm light up to 25m
Color Palettes	Rainbow Mode/White Mode/Black Mode/Ice Fire Mode/High Contrast Rainbow/Iron Red/Lava/Sky/Medium Grey/Grayish Red/Purple Orange/Warning Red/Cyan Red/Gradual Red/Gradual Green/Gradual Blue/Warning Green	
DRI	3.2mm: Human: Detection: 133m(436ft); Recognition: 33m(108ft); Identification:17m(56ft) Vehicle: Detection: 409m (1342ft); Recognition: 102m(335ft); Identification:51m(167ft) 7mm: Human: Detection: 292m(958ft); Recognition: 73m(240ft); Identification:36m(118ft) Vehicle: Detection: 894m(2933ft); Recognition: 224m(735ft); Identification:112m(367ft)	
Video Compression	H.265/H.264	H.265/H.264
	Smart H264, Smart H265	Smart H264, Smart H265
Main Stream	Thermal: 1280×1024,1280×960,1280×720,704×576,640×512@(1~25fps) Optical: 60HZ: 4M(2688×1520)/4M(2560×1440)/3M/1080P/720P@(1~30fps) 50HZ: 4M(2688×1520)/4M(2560×1440)/3M/1080P/720P@(1~25fps)	
Intelligence	Smart Motion Detection(SMD),Intrusion,Tripwire, People counting,Heatmap,Face capture	Smart Motion Detection(SMD),Intrusion,Tripwire, People counting,Heatmap,Face capture
Audio I/O	1/1	1/1
Alarm I/O	1/1	1/1
Built-in Mic	Support	Support
Built-in Speaker	Support	Support
Camera Dimension	Ø90mm × 232.6mm (Ø3.54"×9.16")	Ø110mm × 100mm (Ø4.33"×3.94")
Power Supply	12 VDC ± 25%; PoE,IEEE 802.3af	12 VDC ± 25%; PoE,IEEE 802.3af
Protection	IP67	IP67

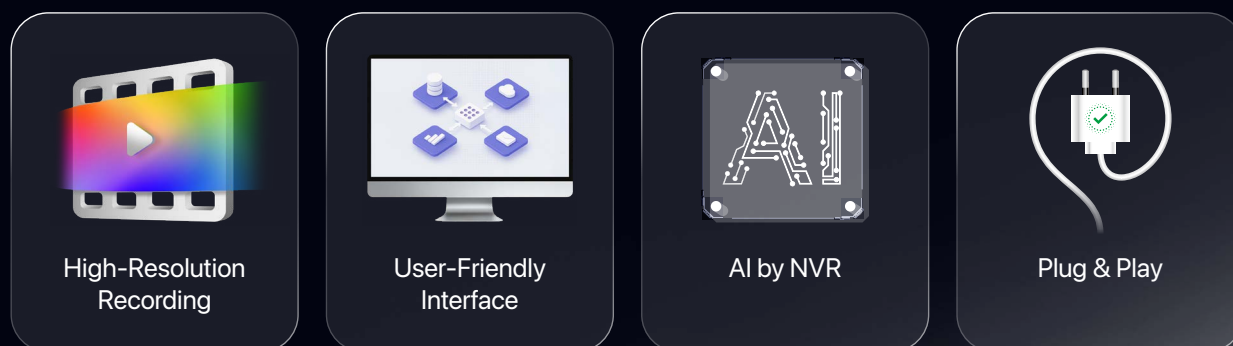
Model	TPC-B3404-ILP	TPC-B3406-ILP
Image		
Thermal		
Detector Type	Vanadium oxide uncooled focal plane detector	Vanadium oxide uncooled focal plane detector
Resolution	384 × 288	640 × 512
Pixel Pitch	12μm	12μm
Spectral Range	8μm ~ 14μm	8μm ~ 14μm
Thermal Sensitivity (NETD)	≤40 mK@F/1.0@25°C	≤40 mK@F/1.0@25°C
Field of View(H×V)	9.5mm: 27.2°× 20.6°; 13mm: 20.1°× 15.1° 19mm: 13.8°× 10.4°; 25mm: 10.5°× 7.9°	9.5mm: 44°× 33.7°; 13mm: 32.9°× 26.6° 19mm: 22.8°× 17.2°; 25mm: 17.4°× 13.1°
Visible		
Intelligence	Fire Detection,Cold & Hot Spot Trace,Temperature Measurement	Fire Detection,Cold & Hot Spot Trace,Temperature Measurement
Image Sensor	1/2.9"Progressive Scan CMOS	1/2.9"Progressive Scan CMOS
Max. Resolution	2688×1520(4MP)	2688×1520(4MP)
Min. Illumination	Color: 0.006 Lux@(F1.6,AGC ON),0 Lux with light	Color: 0.006 Lux@(F1.6,AGC ON),0 Lux with light
Field of View	8mm, H: 39.6°, V: 22.5°, D: 45.1°; 12mm, H: 25.7°,V: 14.6°, D: 29.4° 16mm, H: 18.8°,V: 10.6°, D: 21.4°	8mm, H: 39.6°, V: 22.5°, D: 45.1°; 12mm, H: 25.7°,V: 14.6°, D: 29.4° 16mm, H: 18.8°,V: 10.6°, D: 21.4°
Wide Dynamic Range	120dB	120dB
Illumination Distance	IR&White Light(3), IR up to 25m, warm light up to 25m	IR&White Light(3), IR up to 25m, warm light up to 25m
Color Palettes	Rainbow Mode/Green Mode/Iron Mode/White Mode/Black Mode	Rainbow Mode/Green Mode/Iron Mode/White Mode/Black Mode
DRI	9.5mm: Human: D: 274m(899ft) R: 69m(226ft) I:34m(112ft) Vehicle: D: 841m(2759ft) R: 210m(689ft) I:105m(344ft) 13mm: Human: D: 362m(1188ft) R: 90m(295ft) I:45m(148ft) Vehicle: D: 1109m(3638ft) R: 277m(909ft) I:139m(456ft) 19mm: Human: D: 559m(1834ft) R: 140m(459ft) I:70m(230ft) Vehicle: D: 1713m(5620ft) R: 428m(1404ft) I:214m(702ft) 25mm: Human: D: 735m(2411ft) R: 184m(604ft) I:92m(302ft) Vehicle: D:2255m(7398ft) R: 564m(1850ft) I:282m(925ft)	9.5mm: Human: D: 379m(1243ft) R: 95m(311ft) I:47m(154ft) Vehicle: D: 1163m (3815ft) R: 291m(954ft) I:145m(475ft) 13mm: Human: D: 534m(1752ft) R: 134m(440ft) I:67m(220ft) Vehicle: D: 1638m(5374ft) R: 410m(1345ft) I:204m(669ft) 19mm: Human: D: 792m(2598ft) R: 198m(650ft) I:99m(323ft) Vehicle: D: 2428m (7966ft) R: 607m(1991ft) I:303m(994ft) 25mm: Human: D: 1042m(3418ft) R: 260m(853ft) I:130m(426ft) Vehicle: D: 3194m(10479ft) R: 799m(2621ft) I:399m(1309ft)
Video Compression	H.265/H.264	H.265/H.264
	Smart H264, Smart H265	Smart H264, Smart H265
Main Stream	Thermal: 1280×1024,1280×960,1280×720,704×576,640×512@(1~25fps) Optical: 60HZ: 4M(2688×1520)/4M(2560×1440)/3M/1080P/720P@(1~30fps) 50HZ: 4M(2688×1520)/4M(2560×1440)/3M/1080P/720P@(1~25fps)	Thermal: 1920×1080,1280×960,1280×720,704×576,640×512@(1~25fps) Optical: 60HZ: 4M(2688×1520)/4M(2560×1440)/3M/1080P/720P@(1~30fps) 50HZ: 4M(2688×1520)/4M(2560×1440)/3M/1080P/720P@(1~25fps)
Intelligence	Smart Motion Detection(SMD),Intrusion,Tripwire,People counting,Heatmap,Face capture	
Audio I/O	1/1	1/1
Alarm I/O	1/1	1/1
Built-in Mic	Support	Support
Built-in Speaker	Support	Support
Camera Dimension	Ø90mm × 232.6mm (Ø3.54"×9.16")	Ø90mm × 232.6mm (Ø3.54"×9.16")
Power Supply	12 VDC ± 25%; 0PoE,IEEE 802.3af	12 VDC ± 25%; PoE,IEEE 802.3af
Protection	IP67	IP67

Network Video Recorders

Enhance your surveillance and data management capabilities with our Network Recorder, a cutting-edge solution designed to provide superior video recording, storage, and playback functionalities.

Ideal for various applications, from commercial security systems to large-scale industrial monitoring, our network recorder ensures you have reliable access to high-quality video footage whenever you need it.

NVR



Model	NVR3108-8P	NVR3108	NVR3208-8P	NVR3216-16P-B	NVR3216-B
Image	 	 	 	 	 
Channel No.	8 channels	8 channels	8 channels	16 channels	16 channels
Recording Resolution	16MP;12MP;8MP;6MP; 5MP;4MP;3MP;1080p; 960p;720p;D1;CIF	16MP;12MP;8MP;6MP; 5MP;4MP;3MP;1080p; 960p;720p;D1;CIF	16MP;12MP;8MP;6MP; 5MP;4MP;3MP;1080p; 960p;720p;D1;CIF	16MP;12MP;8MP;6MP; 5MP;4MP;3MP;1080p; 960p;720p;D1;CIF	16MP;12MP;8MP;6MP; 5MP;4MP;3MP;1080p; 960p;720p;D1;CIF
Incoming/Outgoing Bandwidth	160Mbps incoming, 160Mbps outgoing	160Mbps incoming, 160Mbps outgoing	160Mbps incoming, 160Mbps outgoing	256Mbps incoming, 256Mbps outgoing	256Mbps incoming, 256Mbps outgoing
Decoding Capability	AI disabled: 2×12MP@30fps; 4×8MP@30fps; 8×4MP@30fps; 16×1080p@30fps; AI enabled: 2×12MP@30fps; 4×6MP@30fps; 8×3MP@30fps; 14×1080p@30fps				
Video Output	1 HDMI, 1 VGA Simultaneous: HDMI: 3840×2160, 1920×1080, 1280×1024, 1280×720 VGA: 1920×1080, 1280×1024, 1280×720				
Audio I/O	1/1	1/1	1/1	1/1	1/1
Video Compression	Smart H.265; H.265; Smart H.264; H.264	Smart H.265; H.265; Smart H.264; H.264	Smart H.265; H.265; Smart H.264; H.264	Smart H.265; H.265; Smart H.264; H.264	Smart H.265; H.265; Smart H.264; H.264
Storage Capacity	1 SATA port, Up to 12TB per disk	1 SATA port, Up to 12TB per disk	2 SATA port, Up to 12TB per disk	2 SATA port, Up to 12TB per disk	2 SATA port, Up to 12TB per disk
AI by Recorder	4-ch(SMD)	4-ch(SMD)	4-ch(SMD)	4-ch(SMD)	4-ch(SMD)
AI by Camera	8-ch(SMD, intrusion, tripwire, face capture)	8-ch(SMD, intrusion, tripwire, face capture)	8-ch(SMD, intrusion, tripwire, face capture)	16-ch(SMD, intrusion, tripwire, face capture)	16-ch(SMD, intrusion, tripwire, face capture)
Network	1×RJ-45 10/100/1000 Mbps Ethernet port	1×RJ-45 10/100/1000 Mbps Ethernet port	1×RJ-45 10/100/1000 Mbps Ethernet port	1×RJ-45 10/100/1000 Mbps Ethernet port	1×RJ-45 10/100/1000 Mbps Ethernet port
PoE Port	8 ports, 10/100 Mbps, IEEE 802.3 af/at	N/A	8 ports, 10/100 Mbps, IEEE 802.3 af/at	16 ports, 10/100 Mbps, IEEE 802.3 af/at	N/A
Alarm I/O	N/A	N/A	N/A	4/2	4/2
USB Port	2 (1 front USB 2.0 port, 1 rear USB 3.0 port)	2 (1 front USB 2.0 port, 1 rear USB 3.0 port)	2 (1 front USB 2.0 port, 1 rear USB 3.0 port)	2 (1 front USB 2.0 port, 1 rear USB 3.0 port)	2 (1 front USB 2.0 port, 1 rear USB 3.0 port)
RS232	N/A	N/A	N/A	Support	Support
RS485	N/A	N/A	N/A	Support	Support
Product Dimension	250mm×232.2mm×47.9mm(9.84"×9.14"×1.89")		375mm×329.4mm×54mm(14.76"×12.97"×2.13")		
Working Temperature/Humidity	-10°C ~ 55°C (14°F ~ 131°F), humidity, ≤95% RH (non-condensing)	-10°C ~ 55°C (14°F ~ 131°F), humidity, ≤95% RH (non-condensing)	-10°C ~ 55°C (14°F ~ 131°F), humidity, ≤95% RH (non-condensing)	-10°C ~ 55°C (14°F ~ 131°F), humidity, ≤95% RH (non-condensing)	-10°C ~ 55°C (14°F ~ 131°F), humidity, ≤95% RH (non-condensing)
Power Supply	52 VDC, 1.8 A	12 VDC, 2 A	52 VDC, 2.3 A	100-240 VAC, 50-60HZ, 3.5 A	12 VDC, 4 A
Power Consumption	<10W, without HDD	<10W, without HDD	<10W, without HDD	<10W, without HDD	<10W, without HDD
Certification	CE-EMC/FCC	CE-EMC/FCC	CE-EMC/FCC	CE-EMC/FCC	CE-EMC/FCC
	CE-LVD	CE-LVD	CE-LVD	CE-LVD	CE-LVD
	RoHS	RoHS	RoHS	RoHS	RoHS

Model	NVR3432-16P	NVR3432	NVR3864-E	NVR3864
Image	 	 	 	 
Channel No.	32 channels	32 channels	64 channels	64 channels
Recording Resolution	16MP;12MP;8MP;6MP; 5MP;4MP;3MP;1080p; 960p;720p;D1;CIF	16MP;12MP;8MP;6MP; 5MP;4MP;3MP;1080p; 960p;720p;D1;CIF	16MP;12MP;8MP;6MP; 5MP;4MP;3MP;1080p; 960p;720p;D1;CIF	16MP;12MP;8MP;6MP; 5MP;4MP;3MP;1080p; 960p;720p;D1;CIF
Incoming/Outgoing Bandwidth	320Mbps incoming, 320Mbps outgoing	320Mbps incoming, 320Mbps outgoing	384Mbps incoming, 384Mbps outgoing	640Mbps incoming, 640Mbps outgoing
Decoding Capability	AI disabled: 2×12MP@30fps; 4×8MP@30fps; 8×4MP@30fps; 16×1080p@30fps; AI enabled: 2×12MP@30fps; 4×6MP@30fps; 8×3MP@30fps; 14×1080p@30fps			AI disabled: 8×12MP@30fps; 12×8MP@30fps; 24×4MP@30fps; 48×1080p@30fps; AI enabled: 7×12MP@30fps; 10×8MP@30fps; 24×3MP@30fps; 42×1080p@30fps
Video Output	2 HDMI, 1 VGA HDMI1: 3840×2160, 1920×1080, 1280×1024, 1280×720 HDMI2: 1920×1080, 1280×1024, 1280×720 VGA: 1920×1080, 1280×1024, 1280×720 Heterogeneous video source output for HDMI1 and HDMI2 Simultaneous video source output for VGA and HDMI1			4 HDMI, 1 VGA Simultaneous: HDMI: 3840×2160, 1920×1080, 1280×1024, 1280×720 VGA: 1920×1080, 1280×1024, 1280×720
Audio I/O	1/1	1/1	1/1	1/1
Video Compression	Smart H.265; H.265; Smart H.264; H.264		Smart H.265; H.265; Smart H.264; H.264	
Storage Capacity	4 SATA port, Up to 12TB per disk		8 SATA port, Up to 12TB per disk	
AI by Recorder	4-ch(SMD)	4-ch(SMD)	4-ch(SMD)	4-ch(SMD)
AI by Camera	32-ch(SMD, intrusion, tripwire, face capture)		64-ch(SMD, intrusion, tripwire, face capture)	
Network	2×RJ-45 10/100/1000 Mbps Ethernet port		2×RJ-45 10/100/1000 Mbps Ethernet port	
PoE Port	16 ports, 10/100 Mbps, IEEE 802.3 af/at	N/A	N/A	N/A
Alarm I/O	16/4	16/4	16/4	16/4
USB Port	3(1 front USB 2.0 port, 1 rear USB 3.0 port & 1 rear USB 2.0 port)		3(1 front USB 2.0 port, 1 rear USB 3.0 port & 1 rear USB 2.0 port)	
RS232	Support	Support	Support	Support
RS485	Support	Support	Support	Support
Product Dimension	440mm×406.1mm×76mm(17.32"×15.99"×2.99")		450.5mm×440mm×94mm(17.74"×17.32"×3.7")	
Working Temperature/Humidity	-10°C ~ 55°C (14°F ~ 131°F), humidity, ≤95% RH (non-condensing)		-10°C ~ 55°C (14°F ~ 131°F), humidity, ≤95% RH (non-condensing)	
Power Supply	100-240 VAC, 50-60HZ, 3.5 A	100-240 VAC, 50-60HZ, 3 A	100-240 VAC, 50-60HZ, 3 A	100-240 VAC, 50-60HZ, 3 A
Power Consumption	<10W, without HDD		<10W, without HDD	
Certification	CE-EMC/FCC	CE-EMC/FCC	CE-EMC/FCC	CE-EMC/FCC
	CE-LVD	CE-LVD	CE-LVD	CE-LVD
	RoHS	RoHS	RoHS	RoHS

Model	NVR2104-4P	NVR2104	NVR2108-8P	NVR2108
Image				
				
Channel No.	4 channels	4 channels	8 channels	8 channels
Recording Resolution	12MP;8MP;6MP;5MP; 4MP;3MP;1080p;960p; 720p;D1;CIF	12MP;8MP;6MP;5MP; 4MP;3MP;1080p;960p; 720p;D1;CIF	12MP;8MP;6MP;5MP; 4MP;3MP;1080p;960p; 720p;D1;CIF	12MP;8MP;6MP;5MP; 4MP;3MP;1080p;960p; 720p;D1;CIF
Incoming/Outgoing Bandwidth	80Mbps incoming, 80Mbps outgoing	80Mbps incoming, 80Mbps outgoing	80Mbps incoming, 80Mbps outgoing	80Mbps incoming, 80Mbps outgoing
Decoding Capability	AI disabled: 1×12MP@30fps; 2×8MP@30fps; 4×4MP@30fps; 8×1080p@30fps AI enabled: 1×12MP@30fps; 1×8MP@30fps; 4×3MP@30fps; 6×1080p@30fps			
Video Output	1 HDMI, 1 VGA Simultaneous: HDMI: 3840×2160, 1920×1080, 1280×1024, 1280×720 VGA: 1920×1080, 1280×1024, 1280×720			
Audio I/O	1/1	1/1	1/1	1/1
Video Compression	Smart H.265; H.265; Smart H.264; H.264	Smart H.265; H.265; Smart H.264; H.264	Smart H.265; H.265; Smart H.264; H.264	Smart H.265; H.265; Smart H.264; H.264
Storage Capacity	1 SATA port, Up to 12TB per disk	1 SATA port, Up to 12TB per disk	1 SATA port, Up to 12TB per disk	1 SATA port, Up to 12TB per disk
AI by Recorder	2-ch(SMD)	2-ch(SMD)	2-ch(SMD)	2-ch(SMD)
AI by Camera	4-ch(SMD, intrusion, tripwire, face capture)	4-ch(SMD, intrusion, tripwire, face capture)	8-ch(SMD, intrusion, tripwire, face capture)	8-ch(SMD, intrusion, tripwire, face capture)
Network	1×RJ-45 10/100 Mbps Ethernet port	1×RJ-45 10/100 Mbps Ethernet port	1×RJ-45 10/100 Mbps Ethernet port	1×RJ-45 10/100 Mbps Ethernet port
PoE Port	4 ports, 10/100 Mbps, IEEE 802.3 af/at	N/A	8 ports, 10/100 Mbps, IEEE 802.3 af/at	N/A
Alarm I/O	N/A	N/A	N/A	N/A
USB Port	2 (1 front USB 2.0 port, 1 rear USB 2.0 port)	2 (1 front USB 2.0 port, 1 rear USB 2.0 port)	2 (1 front USB 2.0 port, 1 rear USB 2.0 port)	2 (1 front USB 2.0 port, 1 rear USB 2.0 port)
RS232	N/A	N/A	N/A	N/A
RS485	N/A	N/A	N/A	N/A
Product Dimension	250mm×232.2mm×47.9 mm(9.84"×9.14"×1.89")	250mm×232.2mm×47.9 mm(9.84"×9.14"×1.89")	250mm×232.2mm×47.9 mm(9.84"×9.14"×1.89")	250mm×232.2mm×47.9 mm(9.84"×9.14"×1.89")
Working Temperature/ Humidity	-10°C ~ 55°C (14°F ~ 131°F), humidity, ≤95% RH (non-condensing)	-10°C ~ 55°C (14°F ~ 131°F), humidity, ≤95% RH (non-condensing)	-10°C ~ 55°C (14°F ~ 131°F), humidity, ≤95% RH (non-condensing)	-10°C ~ 55°C (14°F ~ 131°F), humidity, ≤95% RH (non-condensing)
Power Supply	52 VDC, 1.2 A	12 VDC, 2 A	52 VDC, 1.8 A	12 VDC, 2 A
Power Consumption	<10W, without HDD	<10W, without HDD	<10W, without HDD	<10W, without HDD
Certification	CE-EMC/FCC	CE-EMC/FCC	CE-EMC/FCC	CE-EMC/FCC
	CE-LVD	CE-LVD	CE-LVD	CE-LVD
	RoHS	RoHS	RoHS	RoHS

Model	NVR2208-8P	NVR2208	NVR2216-16P
Image			
			
Channel No.	8 channels	8 channels	16 channels
Recording Resolution	12MP;8MP;6MP;5MP; 4MP;3MP;1080p;960p; 720p;D1;CIF	12MP;8MP;6MP;5MP; 4MP;3MP;1080p;960p; 720p;D1;CIF	12MP;8MP;6MP;5MP; 4MP;3MP;1080p;960p; 720p;D1;CIF
Incoming/Outgoing Bandwidth	80Mbps incoming, 80Mbps outgoing	80Mbps incoming, 80Mbps outgoing	160Mbps incoming, 80Mbps outgoing
Decoding Capability	AI disabled: 1×12MP@30fps; 2×8MP@30fps; 4×4MP@30fps; 8×1080p@30fps AI enabled: 1×12MP@30fps; 1×8MP@30fps; 4×3MP@30fps; 6×1080p@30fps		AI disabled: 1×12MP@30fps; 3×8MP@30fps; 5×5MP@30fps; 10×1080p@30fps; 16×720p@30fps AI enabled: 1×12MP@30fps; 2×8MP@30fps; 6×4MP@30fps; 7×1080p@30fps; 16×720p@30fps
Video Output	1 HDMI, 1 VGA Simultaneous: HDMI: 3840×2160, 1920×1080, 1280×1024, 1280×720 VGA: 1920×1080, 1280×1024, 1280×720		1 HDMI, 1 VGA Simultaneous: HDMI: 3840×2160, 1920×1080, 1280×1024, 1280×720 VGA: 1920×1080, 1280×1024, 1280×720
Audio I/O	1/1	1/1	1/1
Video Compression	Smart H.265; H.265; Smart H.264; H.264	Smart H.265; H.265; Smart H.264; H.264	Smart H.265; H.265; Smart H.264; H.264
Storage Capacity	2 SATA port, Up to 12TB per disk	2 SATA port, Up to 12TB per disk	2 SATA port, Up to 12TB per disk
AI by Recorder	2-ch(SMD)	2-ch(SMD)	4-ch(SMD)
AI by Camera	8-ch(SMD, intrusion, tripwire, face capture)	8-ch(SMD, intrusion, tripwire, face capture)	16-ch(SMD, intrusion, tripwire, face capture)
Network	1×RJ-45 10/100 Mbps Ethernet port	1×RJ-45 10/100 Mbps Ethernet port	1×RJ-45 10/100/1000 Mbps Ethernet port
PoE Port	8 ports, 10/100 Mbps, IEEE 802.3 af/at	N/A	16 ports, 10/100 Mbps, IEEE 802.3 af/at
Alarm I/O	N/A	N/A	4/2
USB Port	2 (1 front USB 2.0 port, 1 rear USB 2.0 port)	2 (1 front USB 2.0 port, 1 rear USB 2.0 port)	2 (1 front USB 2.0 port, 1 rear USB 2.0 port)
RS232	N/A	N/A	Support
RS485	N/A	N/A	Support
Product Dimension	375mm×329.4mm×54 mm(14.76"×12.97"×2.13")	375mm×329.4mm×54 mm(14.76"×12.97"×2.13")	375mm×329.4mm×54 mm(14.76"×12.97"×2.13")
Working Temperature/ Humidity	-10°C ~ 55°C (14°F ~ 131°F), humidity, ≤95% RH (non-condensing)	-10°C ~ 55°C (14°F ~ 131°F), humidity, ≤95% RH (non-condensing)	-10°C ~ 55°C (14°F ~ 131°F), humidity, ≤95% RH (non-condensing)
Power Supply	52 VDC, 2.3 A	12 VDC, 4 A	100-240 VAC, 50-60HZ, 3.5 A
Power Consumption	<10W, without HDD	<10W, without HDD	<10W, without HDD
Certification	CE-EMC/FCC	CE-EMC/FCC	CE-EMC/FCC
	CE-LVD	CE-LVD	CE-LVD
	RoHS	RoHS	RoHS

Model	NVR2216	NVR2232-16P	NVR2232
Image			
			
Channel No.	16 channels	32 channels	32 channels
Recording Resolution	12MP;8MP;6MP;5MP; 4MP;3MP;1080p;960p; 720p;D1;CIF	12MP;8MP;6MP;5MP; 4MP;3MP;1080p;960p; 720p;D1;CIF	12MP;8MP;6MP;5MP; 4MP;3MP;1080p;960p; 720p;D1;CIF
Incoming/Outgoing Bandwidth	160Mbps incoming, 80Mbps outgoing	192Mbps incoming, 192Mbps outgoing	192Mbps incoming, 192Mbps outgoing
Decoding Capability	AI disabled: 1x12MP@30fps; 3x8MP@30fps; 5x5MP@30fps; 10x1080p@30fps; 16x720p@30fps AI enabled: 1x12MP@30fps; 2x8MP@30fps; 6x4MP@30fps; 7x1080p@30fps; 16x720p@30fps		
Video Output	1 HDMI, 1 VGA Simultaneous: HDMI: 3840x2160, 1920x1080, 1280x1024, 1280x720 VGA: 1920x1080, 1280x1024, 1280x720		
Audio I/O	1/1	1/1	1/1
Video Compression	Smart H.265; H.265; Smart H.264; H.264	Smart H.265; H.265; Smart H.264; H.264	Smart H.265; H.265; Smart H.264; H.264
Storage Capacity	2 SATA port, Up to 12TB per disk	2 SATA port, Up to 12TB per disk	2 SATA port, Up to 12TB per disk
AI by Recorder	4-ch(SMD)	4-ch(SMD)	4-ch(SMD)
AI by Camera	16-ch(SMD, intrusion, tripwire, face capture)	32-ch(SMD, intrusion, tripwire, face capture)	32-ch(SMD, intrusion, tripwire, face capture)
Network	1xRJ-45 10/100/1000 Mbps Ethernet port	1xRJ-45 10/100/1000 Mbps Ethernet port	1xRJ-45 10/100/1000 Mbps Ethernet port
PoE Port	N/A	16 ports, 10/100 Mbps, IEEE 802.3 af/at	N/A
Alarm I/O	4/2	4/2	4/2
USB Port	2 (1 front USB 2.0 port, 1 rear USB 2.0 port)	2 (1 front USB 2.0 port, 1 rear USB 2.0 port)	2 (1 front USB 2.0 port, 1 rear USB 2.0 port)
RS232	Support	Support	Support
RS485	Support	Support	Support
Product Dimension	375mmx329.4mmx54 mm(14.76"x12.97"x2.13")	375mmx329.4mmx54 mm(14.76"x12.97"x2.13")	375mmx329.4mmx54 mm(14.76"x12.97"x2.13")
Working Temperature/ Humidity	-10°C ~ 55°C (14°F ~ 131°F), humidity, ≤95% RH (non-condensing)	-10°C ~ 55°C (14°F ~ 131°F), humidity, ≤95% RH (non-condensing)	-10°C ~ 55°C (14°F ~ 131°F), humidity, ≤95% RH (non-condensing)
Power Supply	12 VDC, 4 A	100-240 VAC, 50-60HZ, 3.5 A	12 VDC, 4 A
Power Consumption	<10W, without HDD	<10W, without HDD	<10W, without HDD
Certification	CE-EMC/FCC	CE-EMC/FCC	CE-EMC/FCC
	CE-LVD	CE-LVD	CE-LVD
	RoHS	RoHS	RoHS

Model	NVR1104-4P	NVR1104	NVR1108-8P	NVR1108	NVR1116
Image	Basic	Basic	Basic	Basic	Basic
					
Channel No.	4 channels	4 channels	8 channels	8 channels	16 channels
Recording Resolution	12MP;8MP;6MP;5MP; 4MP;3MP;1080p;960p; 720p;D1;CIF	12MP;8MP;6MP;5MP; 4MP;3MP;1080p;960p; 720p;D1;CIF	12MP;8MP;6MP;5MP; 4MP;3MP;1080p;960p; 720p;D1;CIF	12MP;8MP;6MP;5MP; 4MP;3MP;1080p;960p; 720p;D1;CIF	12MP;8MP;6MP;5MP; 4MP;3MP;1080p;960p; 720p;D1;CIF
Incoming/Outgoing Bandwidth	80Mbps incoming, 60Mbps outgoing	80Mbps incoming, 60Mbps outgoing	80Mbps incoming, 60Mbps outgoing	80Mbps incoming, 60Mbps outgoing	80Mbps incoming, 60Mbps outgoing
Decoding Capability	1×12MP@30fps; 1×8MP@30fps; 3×4MP@30fps; 4×3MP@30fps; 6×1080p@30fps		1×12MP@30fps; 1×8MP@30fps; 3×4MP@30fps; 6×1080p@30fps; 8×720p@30fps		1×12MP@30fps; 1×8MP@30fps; 3×4MP@30fps; 6×1080p@30fps; 8×720p@30fps; 16×D1@30fps
Video Output	1 HDMI, 1 VGA Simultaneous: HDMI: 3840×2160, 1920×1080, 1280×1024, 1280×720 VGA: 1920×1080, 1280×1024, 1280×720				
Audio Input	N/A	N/A	N/A	N/A	N/A
Audio Output	N/A	N/A	N/A	N/A	N/A
Video Compression	Smart H.265; H.265; Smart H.264; H.264				
Storage Capacity	1 SATA port, Up to 12TB per disk				
AI by Recorder	N/A	N/A	N/A	N/A	N/A
AI by Camera	4-ch (SMD, intrusion, tripwire, face capture)	4-ch (SMD, intrusion, tripwire, face capture)	8-ch (SMD, intrusion, tripwire, face capture)	8-ch (SMD, intrusion, tripwire, face capture)	16-ch (SMD, intrusion, tripwire, face capture)
Network	1×RJ-45 10/100 Mbps Ethernet port				
PoE Port	4 ports, 10/100 Mbps, IEEE 802.3 af/at	N/A	8 ports, 10/100 Mbps, IEEE 802.3 af/at	N/A	N/A
Alarm I/O	N/A	N/A	N/A	N/A	N/A
USB	2 (1 front USB 2.0 port, 1 rear USB 2.0 port)				
Product Dimension	250mm×232.2mm×47.9mm(9.84"×9.14"×1.89")				
Working Temperature/ Humidity	-10°C ~ 55°C (14°F ~ 131°F), humidity, ≤95% RH (non-condensing)				
Power Supply	52 VDC, 1.2 A	12 VDC, 2 A	52 VDC, 1.8 A	12 VDC, 2 A	12 VDC, 2 A
Power Consumption	<10W, without HDD	<10W, without HDD	<10W, without HDD	<10W, without HDD	<10W, without HDD
Certification	CE-EMC/FCC	CE-EMC/FCC	CE-EMC/FCC	CE-EMC/FCC	CE-EMC/FCC
	CE-LVD	CE-LVD	CE-LVD	CE-LVD	CE-LVD
	RoHS	RoHS	RoHS	RoHS	RoHS

Model	Accessories				
					
	QC-BJC13G	QC-BJB205W-E	QC-BJB156 + QC-BJB205W-E		QC-BJB156 + QC-BJC13G
	Mount				
	Junction box	Wall Mount	Pole Mount		Pole Mount
					
	QC-BJC13G	QC-BJB157 + QC-BJC13G			
	Mount				
	Junction box	Pole Mount			
					
	QC-BJC137	QC-BJB205W-E	QC-BJB156 + QC-BJB205W-E		QC-BJB156 + QC-BJC137
	Mount				
	Junction box	Wall Mount	Pole Mount		Pole Mount