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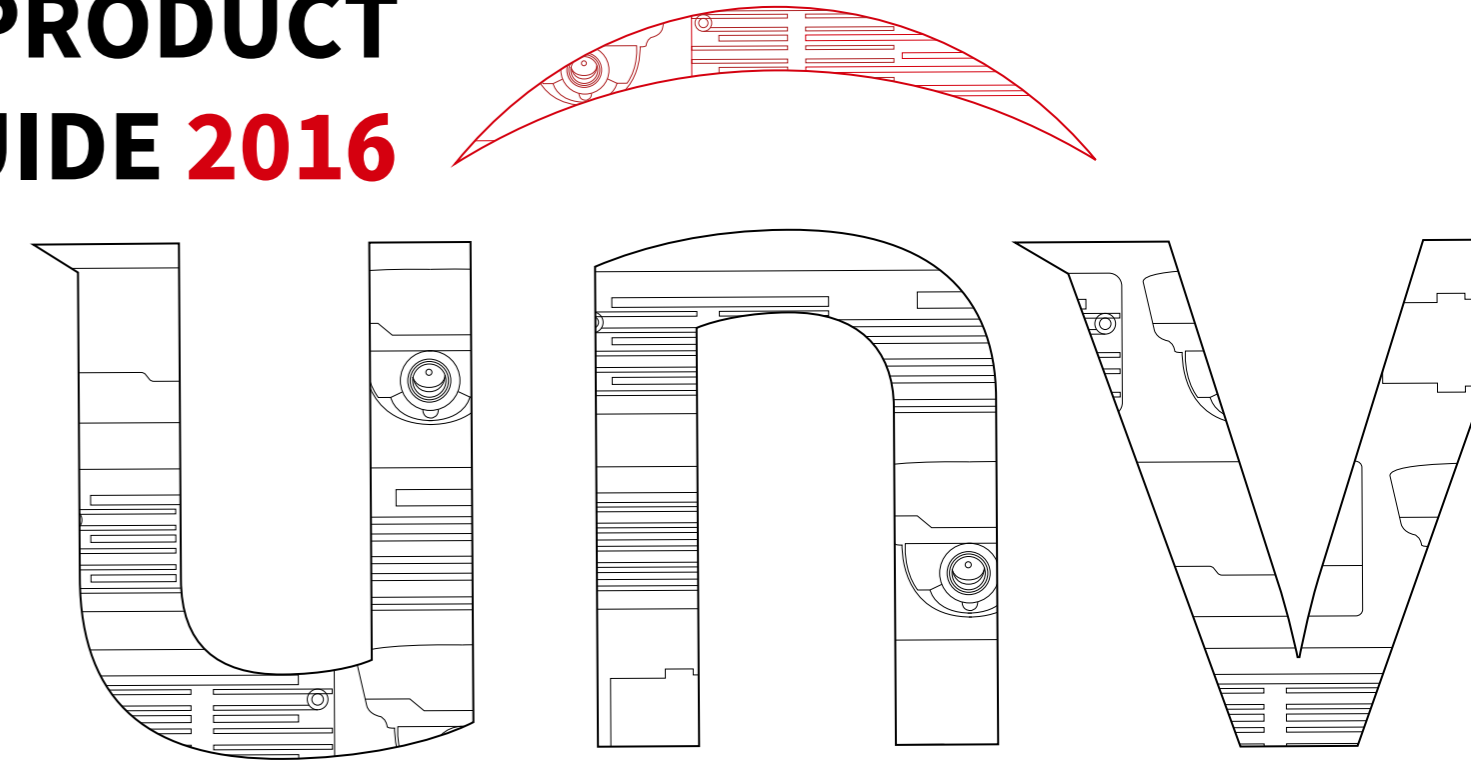
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PRODUCT GUIDE 2016



VERSION 3



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ABOUT US

Zhejiang Uniview Technologies Co., Ltd. is the pioneer and leader of IP video surveillance. Heritages profound IT technologies, we founded independently in December, 2011. We are the third largest manufacturer in the overall video surveillance market in China and No.8 in global market. We insist on open cooperation, focusing on high quality and improving innovative ability.

We have more than 2300 employees, owning R&D departments in Hangzhou and Shenzhen, which are the most innovative teams in video surveillance industry. Till the end of 2015, we applied for more than 860 patents, 83% of which are invention patents. And every two days we applied for one patents. We represent the strongest innovative ability and the highest innovation efficiency.

We are a quality-oriented company, having high quality and self-owned intellectual properties' products, including IP camera, NVR, encoder, decoder, IP SAN, client software and app.

We regard "customer-oriented, simple and fair, cooperative and innovative, consistent improvement" as company cultures.

Better Security, Better World. We sincerely invite you to join us to endeavor in building a safer world.

Vision:

To become a global leader in video surveillance industry.

Product Line:

Network camera, NVR, IP SAN, encoder, decoder, client software and app

Front-end Product Features

H.265 **H.265**
Uniview 2MP and 4MP cameras supports H.265. And H.265 cameras support smart functions.

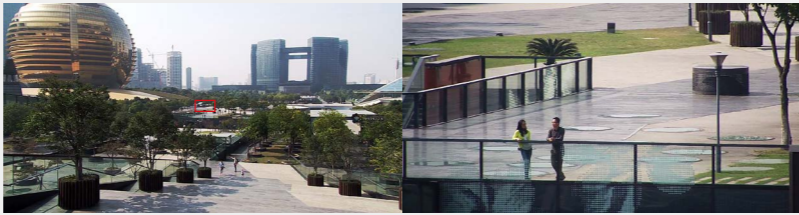
U-code **U-code**
U-code is an enhanced encoding technology based on H.264/H.265. U-code can reduce up to 80%-95% storage space.

Smart **Smart**
Uniview has 4 smart functions in H.265 IP camera series, including face detection, intrusion, crossing line, and people counting.

44X **44X**
44 times zoom camera can recognize license plate or face in 300m.



4K **4K**
Uniview 4K series include IR dome, IR bullet, PTZ dome and box camera.



eMMC **eMMC**
To balance water-proof performance and edge storage requirement, Uniview uses eMMC on-board for IP cameras.

120dB WDR **120dB WDR**
WDR function can ensure clear image with rich details when confronting with sharp lighting contrast, preventing dark or over exposed image and ensure great image quality. Uniview's products support to 120dB WDR.

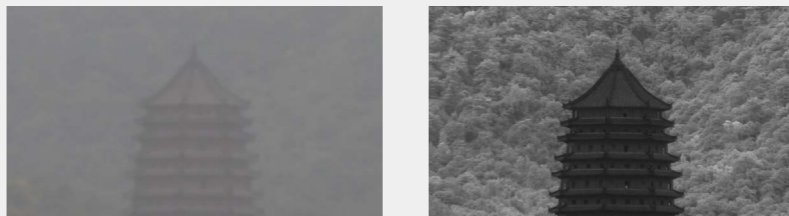


Fisheye **Fisheye**
Fisheye series include high end 8MP camera and entry level 4MP camera.

IP67 **IP67**
IP67 indicates the product is dust proof and keep functioning under 1 meter water for 1 hour. Uniview's cameras are water-proof.

PIR **PIR**
PIR detects moving object, trigger white light to see clearly and making criminals exposed.

optical Defog **optical Defog**
Uniview puts forward optical defog technology, which applies IR for imaging. All lost details in fog weather can be recognized perfectly.

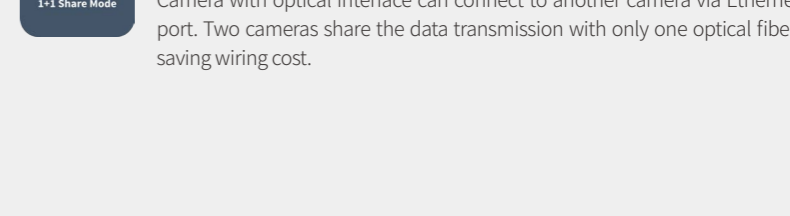


Starlight **starlight**
Uniview 1080P starlight camera provides crisp color image even under 0.002 Lux (F1.2) low light condition.



Wide Temp Range **Wide Temp Range**
Uniview's cameras can function well under -40°C ~ 70°C, adapting to all harsh environment condition.

1+1 Share Mode **1+1 Share Mode**
Camera with optical interface can connect to another camera via Ethernet port. Two cameras share the data transmission with only one optical fiber, saving wiring cost.





NAA

NAA (Network Auto-Adaptability) ensures stable video quality in bad network condition. Uniview IP Cameras provide smooth image even under 5% packet lost or 400ms latency harsh network condition.



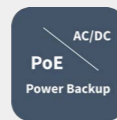
Wide Voltage Range

Uniview's cameras are able to tolerate $\pm 25\%$ voltage fluctuation. Much better than regular camera $\pm 10\%$ tolerance. As the picture stated, AC 24V camera can well function under AC 31.9V, 32.5% higher. Wide voltage range ability can ensure the camera stability under fluctuating voltage condition.



Surge protection

Device alone can reach 6 kV surge protection ability without any external protection. According to research, inductive stroke that 10m from cable only cause less than 4 kV voltage. 6KV can satisfy daily protection need and some harsh conditions.



Power Backup

PoE function can backup for AC or DC, improving device functioning stability.

Box

Model	IPC541E-DLC	IPC542E-DLC	IPC542E-DUC	IPC542E-DUG	IPC562E-DUG	IPC568E-G
Appearance						
Product Series	Low-light	Low-light	Starlight	Starlight	Starlight	Low-light
Sensor	1/3" / 1.3MP / CMOS	1/2.8" / 2MP / CMOS	1/1.9" / 2MP / CMOS	1/1.9" / 2MP / CMOS	1/1.9" / 2MP / CMOS	1/1.7" / 12MP / CMOS
Wide Dynamic Range	120 dB	120 dB	120 dB	120 dB	120 dB	Digital WDR
Motor Zoom/Focus	√	√	√	√	√	√
Video Compression	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG	H.265, H.264, MJPEG	H.265, H.264, MJPEG
Smart Function	N/A	N/A	N/A	N/A	√	√
Frame Rate	1280 × 960 30fps	1920 × 1080 30fps	1920 × 1080 30fps	1920 × 1080 30fps	1920 × 1080 60fps	4000 × 3000 20fps, 3840 × 2160 25fps
Defog	Digital Defog	Digital Defog	Digital Defog	Digital Defog	Optical Defog & Digital Defog	Optical Defog & Digital Defog
ABF	N/A	N/A	N/A	N/A	√	N/A
ROI(Region of Interest)	√	√	√	√	√	√
9:16 Corridor Mode	√	√	√	√	√	√
Video Streaming	Triple Streams	Triple Streams	Triple Streams	Triple Streams	Triple Streams	Triple Streams
Privacy Mask	√	√	√	√	√	√
Audio I/O	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1
Alarm I/O	2 / 1	2 / 1	2 / 1	2 / 1	2 / 1	2 / 1
Edge Storage	MicroSD, Up to 128GB	MicroSD, Up to 128GB	MicroSD, Up to 128GB	SD, Up to 128GB	MicroSD, Up to 128GB	MicroSD, Up to 128GB
Network Interface	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet
Optical Interface	N/A	N/A	N/A	100M/1000M SFP	100M/1000M SFP	100M/1000M SFP
Reset Button	√	√	√	√	√	√
Power	AC 24V $\pm 25\%$, DC 12V $\pm 25\%$, PoE (IEEE802.3at)	AC 24V $\pm 25\%$, DC 12V $\pm 25\%$, PoE (IEEE802.3at)	AC 24V $\pm 25\%$, DC 12V $\pm 25\%$, PoE (IEEE802.3at)	AC 24V $\pm 25\%$, DC 12V $\pm 25\%$, PoE (IEEE802.3at)	AC 24V $\pm 25\%$, DC 12V $\pm 25\%$, PoE (IEEE802.3at)	AC 24V $\pm 25\%$, DC 12V $\pm 25\%$, PoE (IEEE802.3at)
Working Environment	-20°C ~ 60°C (-4°F to 140°F)	-20°C ~ 60°C (-4°F to 140°F)	-20°C ~ 60°C (-4°F to 140°F)	-20°C ~ 60°C (-4°F to 140°F)	-20°C ~ 60°C (-4°F to 140°F)	-20°C ~ 60°C (-4°F to 140°F)
Weight	0.48kg (1.1lb)	0.48kg (1.1lb)	0.48kg (1.1lb)	0.48kg (1.1lb)	0.48kg (1.1lb)	0.48kg (1.1lb)
Power Consumption	Max 6.8W	Max 6.8W	Max 6.8W	Max 6.8W	Max 6.8W	Max 9.5W
Dimensions(L x W x H)	151.5mm × 71mm × 65mm (6.0" × 2.8" × 2.6")	151.5mm × 71mm × 65mm (6.0" × 2.8" × 2.6")	151.5mm × 71mm × 65mm (6.0" × 2.8" × 2.6")	151.5mm × 71mm × 65mm (6.0" × 2.8" × 2.6")	151.5mm × 71mm × 65mm (6.0" × 2.8" × 2.6")	151.5mm × 71mm × 65mm (6.0" × 2.8" × 2.6")

Bullet

Model	IPC2121SR3-PF36(60)(120)	IPC2122SR3-PF36(60)(120)	IPC2122SR3-PF40(60)-B	IPC2122SR3-UPF40(60)	IPC2124SR3-DPF36(60)(120)	IPC2124SR3-DPF36(60)-16G
Appearance						
Product Series	Low-light	Low-light	Low-light	Starlight	Low-light	Low-light
Sensor	1/3" / 1.3MP / CMOS	1/2.8" / 2MP / CMOS	1/2.7" / 2MP / CMOS	1/2.9" / 2MP / CMOS	1/3" / 4MP / CMOS	1/3" / 4MP / CMOS
Wide Dynamic Range	Digital WDR	Digital WDR	Digital WDR	Digital WDR	120dB	120dB
Zoom	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed
Lens	Focus: 3.6mm, 6mm, 12mm, Iris: F1.8 Angle of View: 72.9°/46.7°/23.5°	Focus: 3.6mm, 6mm, 12mm, Iris: F1.8 Angle of View: 79.7°/51.6°/26.3°	Focus: 4mm, 6mm, Iris: F1.8 Angle of view: 80.8°/54.9°	Focus: 4mm, 6mm, Iris: F1.6 Angle of view: 76.6°/49.4°	Focus: 3.6mm, 6mm, 12mm, Iris: F1.8 Angle of View: 76.8°/49.4°/25°	Focus: 3.6mm, 6mm, Iris: F1.8 Angle of View: 76.8°/49.4°
IR	Up to 30m (98 ft)	Up to 30m (98 ft)	Up to 30m (98 ft)	Up to 30m (98 ft)	Up to 30m (98 ft)	Up to 30m (98 ft)
Video Compression	H.264, MJPEG	H.264, MJPEG	H.265, H.264, MJPEG	H.265, H.264, MJPEG	H.265, H.264, MJPEG	H.265, H.264, MJPEG
Smart Function	N/A	N/A	√	√	√	√
Frame Rate	1280 × 960 30fps	1920 × 1080 30fps	1920 × 1080 30fps	1920 × 1080 30fps	2592 × 1520 20fps, 2560 × 1440 25fps	2592 × 1520 20fps, 2560 × 1440 25fps
ROI(Region of Interest)	√	√	√	√	√	√
9:16 Corridor Mode	√	√	√	√	√	√
Video Streaming	Triple Streams	Triple Streams	Triple Streams	Triple Streams	Triple Streams	Triple Streams
Privacy Mask	√	√	√	√	√	√
Audio I/O	N/A	N/A	N/A	N/A	N/A	N/A
Alarm I/O	N/A	N/A	N/A	N/A	N/A	N/A
Edge Storage	N/A	N/A	N/A	N/A	N/A	Built-in 16 GB eMMC
Network Interface	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet
Optical Interface	N/A	N/A	N/A	N/A	N/A	N/A
Reset Button	√	√	√	√	√	√
Power	DC 12V ±25%, PoE (IEEE 802.3af)	DC 12V ±25%, PoE (IEEE 802.3af)	DC 12V ±25%, PoE (IEEE 802.3af)	DC 12V ±25%, PoE (IEEE 802.3af)	DC 12V ±25%, PoE (IEEE 802.3af)	DC 12V ±25%, PoE (IEEE 802.3af)
Working Environment	-35°C ~ 60°C (-31°F to 140°F)	-35°C ~ 60°C (-31°F to 140°F)	-35°C ~ 60°C (-31°F to 140°F)	-35°C ~ 60°C (-31°F to 140°F)	-35°C ~ 60°C (-31°F to 140°F)	-35°C ~ 60°C (-31°F to 140°F)
Ingress Protection	IP66	IP66	IP66	IP66	IP66	IP66
Weight	0.45kg (0.99lb)	0.45kg (0.99lb)	0.45kg (0.99lb)	0.45kg (0.99lb)	0.45kg (0.99lb)	0.45kg (0.99lb)
Power Consumption	Max 6.4W	Max 6.4W	Max 6.4W	Max 6.4W	Max 6.4W	Max 6.4W
Dimensions(L × W × H)	157.3mm × 62.4mm × 63mm (6.2" × 2.5" × 2.5")	157.3mm × 62.4mm × 63mm (6.2" × 2.5" × 2.5")	157.3mm × 62.4mm × 63mm (6.2" × 2.5" × 2.5")	157.3mm × 62.4mm × 63mm (6.2" × 2.5" × 2.5")	157.3mm × 62.4mm × 63mm (6.2" × 2.5" × 2.5")	157.3mm × 62.4mm × 63mm (6.2" × 2.5" × 2.5")

Model	IPC2211SR3-PF36(60)	IPC2222SR5-UPF40(60)-B	IPC222ER-F36	IPC2321EBR-P	IPC2322EBR-P
Appearance					
Product Series	Low-light	Starlight	Low-light	Low-light	Low-light
Sensor	1/3" / 1.3MP / CMOS	1/2.9" / 2MP / CMOS	1/2.8" / 2MP / CMOS	1/3" / 1.3MP / CMOS	1/2.8" / 2MP / CMOS
Wide Dynamic Range	Digital WDR	Digital WDR	Digital WDR	Digital WDR	Digital WDR
Zoom	Fixed	Fixed	Fixed	Manual	Manual
Lens	Focus: 3.6mm, 6mm, 12mm, Iris: F1.8 Angle of View: 76.7° / 46.9° / 24.2°	Focus: 4mm, 6mm, Iris: F1.6 Angle of view: 76.6°/51.6°	Focus: 3.6mm, Iris: F1.8 Angle of View: 85°	Focus: 2.8 ~ 12mm, Iris: F1.4 Angle of View: 90° ~ 28°	Focus: 2.8 ~ 12mm, Iris: F1.4 Angle of View: 90° ~ 28°
IR	Up to 30m (98 ft)	Up to 50m (164 ft)	Up to 30m (98 ft)	Up to 30m (98 ft)	Up to 30m (98 ft)
Video Compression	H.264, MJPEG	H.265, H.264, MJPEG	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG
Smart Function	N/A	√	N/A	N/A	N/A
Frame Rate	1280 × 960 30fps	1920 × 1080 30fps	1920 × 1080 30fps	1280 × 960 30fps	1920 × 1080 30fps
ROI(Region of Interest)	N/A	√	√	√	√
9:16 Corridor Mode	√	√	√	√	√
Video Streaming	Triple Streams	Triple Streams	Triple Streams	Triple Streams	Triple Streams
Privacy Mask	√	√	√	√	√
Audio I/O	N/A	N/A	1 / 1	1 / 1	1 / 1
Alarm I/O	N/A	N/A	1 / 1	1 / 1	1 / 1
Edge Storage	N/A	MicroSD, Up to 128GB	N/A	MicroSD, Up to 128GB	MicroSD, Up to 128GB
Network Interface	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet
Optical Interface	N/A	N/A	N/A	N/A	N/A
Reset Button	N/A	N/A	N/A	N/A	N/A
Power	DC 12V ±25%, PoE (IEEE 802.3af)	DC 12V ±25%, PoE (IEEE802.3af)	DC 12V ±25%, PoE (IEEE802.3af)	DC 12V ±25%, PoE (IEEE 802.3af)	DC 12V ±25%, PoE (IEEE 802.3af)
Working Environment	-35°C ~ 60°C (-31°F to 140°F)	-35°C ~ 60°C (-31°F to 140°F)	-35°C ~ 60°C (-31°F to 140°F)	-35°C ~ 60°C (-31°F to 140°F)	-35°C ~ 60°C (-31°F to 140°F)
Ingress Protection	IP66	IP66	IP66	IP66	IP66
Weight	0.26kg (0.57lb)	0.58kg (1.28lb)	0.58kg (1.28lb)	0.58kg (1.28lb)	0.58kg (1.28lb)
Power Consumption	Max 5.5W	Max 9W	Max 7.5W	Max 9W	Max 9W
Dimensions(L × W × H)	146mm × 82.4mm × 71.7mm (5.7" × 3.2" × 2.8")	253.4mm × 86mm × 71.7mm (9.98" × 3.4" × 2.8")	187.8mm × 76mm × 44mm (7.4" × 3.0" × 1.7")	253.4mm × 86mm × 71.7mm (9.98" × 3.4" × 2.8")	253.4mm × 86mm × 71.7mm (9.98" × 3.4" × 2.8")

NETWORK CAMERA

Model	IPC2324EBR-DP	IPC2322EBR-DPZ28	IPC2324EBR-DPZ28	IPC252ERA-X22DUG	IPC262ER9-DUZ
Appearance					
Product Series	Low-light	Low-light	Low-light	Starlight	Starlight
Sensor	1/3" / 4MP / CMOS	1/2.8" / 2MP / CMOS	1/3" / 4MP / CMOS	1/1.9" / 2MP / CMOS	1/2.8" / 2MP / CMOS
Wide Dynamic Range	120dB	120dB	120dB	120dB	120dB
Zoom	Manual	Motorized	Motorized	22X Optical Zoom	4X Optical Zoom
Lens	Focus: 2.8 ~ 12mm, Iris: F1.4 Angle of View: 95° ~ 29°	Focus: 2.8 ~ 12mm, Iris: F1.4 Angle of View: 90° ~ 28°	Focus: 2.8 ~ 12mm, Iris: F1.4 Angle of View: 95° ~ 29°	Focus: 6.5~143mm, Iris: F1.5~F3.4 Angle of View: 59°~3°	Focus: 2.8~12mm, Iris: F1.6 Angle of View: 97°~35°
IR	Up to 30m (98 ft)	Up to 30m (98 ft)	Up to 30m (98 ft)	Up to 150m (492 ft)	Up to 100m (328 ft)
Video Compression	H.265, H.264, MJPEG	H.265, H.264, MJPEG	H.265, H.264, MJPEG	H.265, H.264, MJPEG	H.265, H.264, MJPEG
Smart Function	√	√	√	√	√
Frame Rate	2592 × 1520 20fps, 2560 × 1440 25fps	1920 × 1080 30fps	2592 × 1520 20fps, 2560 × 1440 25fps	1920 × 1080 60fps	1920 × 1080 30fps
ROI(Region of Interest)	√	√	√	√	√
9:16 Corridor Mode	√	√	√	√	√
Video Streaming	Triple Streams	Triple Streams	Triple Streams	Triple Streams	Triple Streams
Privacy Mask	√	√	√	√	√
Audio I/O	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1
Alarm I/O	1 / 1	1 / 1	1 / 1	2 / 1	2 / 1
Edge Storage	MicroSD, Up to 128GB	MicroSD, Up to 128GB	MicroSD, Up to 128GB	MicroSD, Up to 128GB	MicroSD, Up to 128GB
Network Interface	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet
Optical Interface	N/A	N/A	N/A	100M/1000M SFP	N/A
Reset Button	N/A	N/A	N/A	√	√
Power	DC 12V ±25%, PoE (IEEE 802.3af)	DC 12V ±25%, PoE (IEEE 802.3af)	DC 12V ±25%, PoE (IEEE 802.3af)	AC 24V ±25%	AC 24V ±25%, DC 12V ±25%, PoE (IEEE802.3at)
Working Environment	-35°C ~ 60°C (-31°F to 140°F)	-35°C ~ 60°C (-31°F to 140°F)	-35°C ~ 60°C (-31°F to 140°F)	-40°C ~ 60°C (-40°F to 140°F)	-40°C ~ 60°C (-40°F to 140°F)
Ingress Protection	IP66	IP66	IP66	IP67	IP67
Weight	0.58kg (1.28lb)	0.58kg (1.28lb)	0.58kg (1.28lb)	3.7kg (8.2lb)	1.65kg (3.6lb)
Power Consumption	Max 9W	Max 9W	Max 9W	Max 21W	Max 13.7W
Dimensions(L × W × H)	253.4mm × 86mm × 71.7mm (9.98" × 3.4" × 2.8")	253.4mm × 86mm × 71.7mm (9.98" × 3.4" × 2.8")	253.4mm × 86mm × 71.7mm (9.98" × 3.4" × 2.8")	396.5mm × 137mm × 112mm (15.6" × 5.4" × 4.4")	305.5mm × 104.1mm × 97.3mm (12.0" × 4.1" × 3.8")

Model	IPC262EFW-DUZ	IPC262ER9-X10DU	IPC268ER9-DZ	IPC742SR9-PZ30-32G	IPC744SR5-PF40(60)-32G
Appearance					
Product Series	Starlight	Starlight	Low-light	Low-light	Low-light
Sensor	1/2.8" / 2MP / CMOS	1/2.8" / 2MP / CMOS	1/2.5" / 8MP / CMOS	1/2.8" / 2MP / CMOS	1/3" / 4MP / CMOS
Wide Dynamic Range	120dB	120dB	120dB	Digital WDR	Digital WDR
Zoom	4X Optical Zoom	10X Optical Zoom	Motorized	2X Optical Zoom, 16X Digital Zoom	Fixed
Lens	Focus: 2.8~12mm, Iris: F1.6 Angle of View: 97°~35°	Focus: 4.7~47mm, Iris: F1.6 Angle of View: 65°~9°	Focus: 2.8~12mm, Iris: F1.6 Angle of View: 93°~34°	Focus: 3~6mm, Iris: F1.8 Angle of View: 86.9°~51.5°	Focus: 4mm, 6mm, Iris: F1.8 Angle of View: 73.7°~49.4°
IR	IR up to 50m (164 ft), White light up to 10m(33ft) with PIR alarm	Up to 100m (328 ft)	Up to 100m (328 ft)	Up to 100m (328 ft)	Up to 50m (164 ft)
Video Compression	H.265, H.264, MJPEG	H.265, H.264, MJPEG	H.265, H.264, MJPEG	H.265, H.264, MJPEG	H.265, H.264, MJPEG
Smart Function	√	√	√	√	√
Frame Rate	1920 × 1080 30fps	1920 × 1080 30fps	3840 × 2160 30fps, 1920 × 1080 30fps	1920 × 1080 30fps	2592 × 1520 20fps, 2560 × 1440 25fps
ROI(Region of Interest)	√	√	√	√	√
9:16 Corridor Mode	√	√	√	N/A	N/A
Video Streaming	Triple Streams	Triple Streams	Triple Streams	Triple Streams	Triple Streams
Privacy Mask	√	√	√	√	√
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
Edge Storage	MicroSD, Up to 128GB	MicroSD, Up to 128GB	MicroSD, Up to 128GB	Built-in 32 GB eMMC	Built-in 32 GB eMMC
Network Interface	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet
Optical Interface	N/A	N/A	N/A	N/A	N/A
Reset Button	√	√	√	N/A	N/A
Power	AC 24V ±25%, DC 12V ±25%, PoE (IEEE802.3at)	AC 24V ±25%, DC 12V ±25%, PoE (IEEE802.3at)	AC 24V ±25%, DC 12V ±25%, PoE (IEEE802.3at)	DC 12V ±25%, PoE (IEEE 802.3at)	DC 12V ±25%, PoE (IEEE 802.3at)
Working Environment	-40°C ~ 60°C (-40°F to 140°F)	-40°C ~ 60°C (-40°F to 140°F)	-40°C ~ 60°C (-40°F to 140°F)	-35°C ~ 60°C (-31°F to 140°F)	-35°C ~ 60°C (-31°F to 140°F)
Ingress Protection	IP67	IP67	IP67	IP66	IP66
Weight	1.65kg (3.6lb)	1.65kg (3.6lb)	1.65kg (3.6lb)	1.16kg (2.6lb)	1.16kg (2.6lb)
Power Consumption	Max 13.7W	Max 13.7W	Max 13.7W	Max 17.23W	Max 17.23W
Dimensions(L × W × H)	305.5mm × 104.1mm × 97.3mm (12.0" × 4.1" × 3.8")	305.5mm × 104.1mm × 97.3mm (12.0" × 4.1" × 3.8")	305.5mm × 104.1mm × 97.3mm (12.0" × 4.1" × 3.8")	357mm × 106mm × 194mm (14.1" × 4.2" × 7.7")	357mm × 106mm × 194mm (14.1" × 4.2" × 7.7")

Dome

Model	IPC321SR3-VSPF28(40)(60)	IPC322ER3-DVPF28(36)(60)	IPC322SR3-UVPF28(40)-B	IPC322SR3-DVSPF28(40)-B	IPC324ER3-DVPF28(36)(60)
Appearance					
Product Series	Low-light	Low-light	Starlight	Low-light	Low-light
Sensor	1/3" / 1.3MP / CMOS	1/2.8" / 2MP / CMOS	1/2.9" / 2MP / CMOS	1/2.9" / 2MP / CMOS	1/3" / 4MP / CMOS
Wide Dynamic Range	Digital WDR	120dB	120dB	120dB	120dB
Zoom	Fixed	Fixed	Fixed	Fixed	Fixed
Lens	Focus: 2.8mm, 4mm, 6mm, Iris: F2.1 Angle of view (H): 105.2°/76.6°/51.5°	Focus: 2.8mm, 3.6mm, 6mm, Iris: F1.8 Angle of view (H): 109.9°/84°/54.9°	Focus: 2.8mm, 4mm, Iris: F1.6 Angle of view (H): 105.2°/76.6°	Focus: 2.8mm, 4mm, Iris: F1.8 Angle of view (H): 105.2°/76.6°	Focus: 2.8mm, 3.6mm, 6mm, Iris: F1.8 Angle of view (H): 101.8°/76.8°/49.4°
IR	Up to 30m (98 ft)	Up to 30m (98 ft)	Up to 30m (98 ft)	Up to 30m (98 ft)	Up to 30m (98 ft)
Video Compression	H.264, MJPEG	H.264, MJPEG	H.265, H.264, MJPEG	H.265, H.264, MJPEG	H.265, H.264, MJPEG
Smart Function	N/A	N/A	√	√	√
Frame Rate	1280 × 960 30fps	1920 × 1080 30fps	1920 × 1080 30fps	1920 × 1080 30fps	2592 × 1520 20fps, 2560 × 1440 25fps
ROI(Region of Interest)	√	√	√	√	√
9:16 Corridor Mode	√	√	√	√	√
Video Streaming	Triple Streams	Triple Streams	Triple streams	Triple streams	Triple streams
Privacy Mask	√	√	√	√	√
Audio I/O	N/A	2 / 1 (Stereo)	2 / 1 (Stereo)	N/A	2 / 1 (Stereo)
Alarm I/O	N/A	1 / 1	1 / 1	N/A	1 / 1
Edge Storage	MicoSD, Up to 128G	MicoSD, Up to 128G	MicoSD, up to 128G	MicoSD, up to 128G	MicoSD, up to 128G
Network Interface	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet
Reset Button	N/A	N/A	N/A	N/A	N/A
Power	DC 12V ±25%, PoE (IEEE802.3af)	DC 12V ±25%, PoE (IEEE802.3af)	DC 12V ±25%, PoE (IEEE 802.3af)	DC 12V ±25%, PoE (IEEE 802.3af)	DC 12V ±25%, PoE (IEEE 802.3af)
Working Environment	-35°C ~ 60°C (-31°F to 140°F)	-35°C ~ 60°C (-31°F to 140°F)	-35°C ~ 60°C (-31°F ~ 140°F)	-35°C ~ 60°C (-31°F ~ 140°F)	-35°C ~ 60°C (-31°F ~ 140°F)
Ingress Protection	IP66	IP66	IP66	IP66	IP66
Vandal Resistant	IK10	IK10	IK10	IK10	IK10
Weight	0.45kg (0.99lb)	0.45kg (0.99lb)	0.45kg (0.99lb)	0.45kg (0.99lb)	0.45kg (0.99lb)
Power Consumption	Max 5.5W	Max 5.5W	Max 5.5W	Max 5.5W	Max 5.5W
Dimensions(Ø x H)	Ø108.5mm × 81mm (Ø4.28" × 3.2")	Ø108.5mm × 81mm (Ø4.28" × 3.2")	Ø108.5mm × 81mm (Ø4.28" × 3.2")	Ø108.5mm × 81mm (Ø4.28" × 3.2")	Ø108.5mm × 81mm (Ø4.28" × 3.2")

Model	IPC3611SR3-PF28(36)(60)	IPC3612SR3-PF28(36)(60)	IPC3614SR3-DPF28(36)(60)	IPC3614SR3-DPF28(36)(60)M	IPC3612ER3-PF28(36)(60)
Appearance					
Product Series	Low-light	Low-light	Low-light	Low-light	Low-light
Sensor	1/3" / 1.3MP / CMOS	1/2.8" / 2MP / CMOS	1/3" / 4MP / CMOS	1/3" / 4MP / CMOS	1/2.8" / 2MP / CMOS
Wide Dynamic Range	Digital WDR	Digital WDR	120dB	120dB	Digital WDR
Zoom	Fixed	Fixed	Fixed	Fixed	Fixed
Lens	Focus: 2.8mm, 3.6mm, 6mm, Iris: F1.8 Angle of view (H): 97.4°/72.9°/46.7°	Focus: 2.8mm, 3.6mm, 6mm, Iris: F1.8 Angle of view (H): 88.9°/65.7°/41.5°	Focus: 2.8mm, 3.6mm, 6mm, Iris: F1.8 Angle of view (H): 101.8°/76.8°/49.4°	Focus: 2.8mm, 3.6mm, 6mm, Iris: F1.8 Angle of view (H): 101.8°/76.8°/49.4°	Focus: 2.8mm, 3.6mm, 6mm, Iris: F1.8 Angle of view (H): 105.2°/79.7°/51.6°
IR	Up to 30m (98 ft)	Up to 30m (98 ft)	Up to 30m (98 ft)	Up to 30m (98 ft)	Up to 30m (98 ft)
Video Compression	H.264, MJPEG	H.264, MJPEG	H.265, H.264, MJPEG	H.265, H.264, MJPEG	H.264, MJPEG
Smart Function	N/A	N/A	√	√	N/A
Frame Rate	1280 × 960 30fps	1920 × 1080 30fps	2592 × 1520 20fps, 2560 × 1440 25fps	2592 × 1520 20fps, 2560 × 1440 25fps	1920 × 1080 30fps
ROI(Region of Interest)	N/A	N/A	N/A	N/A	N/A
9:16 Corridor Mode	√	√	√	√	√
Video Streaming	Triple Streams	Triple Streams	Triple Streams	Triple Streams	Triple Streams
Privacy Mask	√	√	√	√	√
Audio I/O	N/A	N/A	N/A	N/A	N/A
Alarm I/O	N/A	N/A	N/A	N/A	N/A
Edge Storage	N/A	N/A	N/A	N/A	N/A
Network Interface	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet
Reset Button	N/A	N/A	N/A	N/A	N/A
Power	DC 12V ±25%, PoE (IEEE802.3af)	DC 12V ±25%, PoE (IEEE 802.3af)	DC 12V ±25%, PoE (IEEE802.3af)	DC 12V ±25%, PoE (IEEE802.3af)	DC 12V ±25%, PoE (IEEE802.3af)
Working Environment	-35°C ~ 60°C (-31°F to 140°F)	-35°C ~ 60°C (-31°F to 140°F)	-35°C ~ 60°C (-31°F to 140°F)	-35°C ~ 60°C (-31°F to 140°F)	-35°C ~ 60°C (-31°F to 140°F)
Ingress Protection	IP66	IP66	IP66	IP66	IP66
Vandal Resistant	N/A	N/A	N/A	N/A	N/A
Weight	0.33kg (0.73lb)	0.33kg (0.73lb)	0.33kg (0.73lb)	0.45kg (0.99lb)	0.33kg (0.73lb)
Power Consumption	Max 5.5W	Max 5.5W	Max 5.5W	Max 5.5W	Max 5.5W
Dimensions(Ø x H)	Ø126mm × 94mm (Ø5.0" × 3.7")	Ø126mm × 94mm (Ø5.0" × 3.7")	Ø126mm × 94mm (Ø5.0" × 3.7")	Ø126mm × 94mm (Ø5.0" × 3.7")	Ø126mm × 94mm (Ø5.0" × 3.7")

Model	IPC3612ER3-PF28(36)(60)M	IPC3612ER3-PF28(40)(60)-B	IPC3612ER3-PF28(40)(60)M-B	IPC312SR-VPF28(36)	IPC314SR-DVPF28(36)
Appearance					
Product Series	Low-light	Low-light	Low-light	Low-light	Low-light
Sensor	1/2.8" / 2MP / CMOS	1/2.7" / 2MP / CMOS	1/2.7" / 2MP / CMOS	1/2.8" / 2MP / CMOS	1/3" / 4MP / CMOS
Wide Dynamic Range	Digital WDR	Digital WDR	Digital WDR	Digital WDR	120dB
Zoom	Fixed	Fixed	Fixed	Fixed	Fixed
Lens	Focus: 2.8mm, 3.6mm, 6mm, Iris: F1.8 Angle of view (H): 105.2°/79.7°/51.6°	Focus: 2.8mm, 4mm, 6mm, Iris: F1.8 Angle of view (H): 109.9°/80.8°/54.9°	Focus: 2.8mm, 4mm, 6mm, Iris: F1.8 Angle of view (H): 109.9°/80.8°/54.9°	Focus: 2.8mm, 3.6mm, Iris: F2.1 Angle of view (H): 105.2°/79.7°	Focus: 2.8mm, 3.6mm, Iris: F2.1 Angle of view (H): 101.8°/76.8°
IR	Up to 30m (98 ft)	Up to 30m (98 ft)	Up to 30m (98 ft)	Up to 15m (49 ft)	Up to 15m (49 ft)
Video Compression	H.264, MJPEG	H.265, H.264, MJPEG	H.265, H.264, MJPEG	H.264, MJPEG	H.265, H.264, MJPEG
Smart Function	N/A	√	√	N/A	√
Frame Rate	1920 × 1080 30fps	1920 × 1080 30fps	1920 × 1080 30fps	1920 × 1080 30fps	2592 × 1520 20fps, 2560 × 1440 25fps
ROI(Region of Interest)	N/A	N/A	N/A	√	√
9:16 Corridor Mode	√	√	√	√	√
Video Streaming	Triple Streams	Triple streams	Triple streams	Triple Streams	Triple Streams
Privacy Mask	√	√	√	√	√
Audio I/O	N/A	N/A	N/A	1 / 1 and 1 built-in MicroPhone	1 / 1 and 1 built-in MicroPhone
Alarm I/O	N/A	N/A	N/A	N/A	N/A
Edge Storage	N/A	N/A	N/A	MicroSD, Up to 128GB	MicroSD, Up to 128GB
Network Interface	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet
Reset Button	N/A	N/A	N/A	N/A	N/A
Power	DC 12V ±25%, PoE (IEEE802.3af)	DC 12V ±25%, PoE (IEEE 802.3af)	DC 12V ±25%, PoE (IEEE 802.3af)	DC 12V ±25%, PoE (IEEE802.3af)	DC 12V ±25%, PoE (IEEE802.3af)
Working Environment	-35°C ~ 60°C (-31°F to 140°F)	-35°C ~ 60°C (-31°F ~ 140°F)	-35°C ~ 60°C (-31°F ~ 140°F)	-35°C ~ 60°C (-31°F to 140°F)	-35°C ~ 60°C (-31°F to 140°F)
Ingress Protection	IP66	IP66	IP66	IP66	IP66
Vandal Resistant	N/A	N/A	N/A	IK10	IK10
Weight	0.45kg (0.99lb)	0.33kg (0.73lb)	0.33kg (0.73lb)	0.25kg (0.55lb)	0.25kg (0.55lb)
Power Consumption	Max 5.5W	Max 5.5W	Max 5.5W	Max 5.5W	Max 5.5W
Dimensions(Ø x H)	Ø126mm × 94mm (Ø5.0" × 3.7")	Ø126mm × 94mm (Ø5.0" × 3.7")	Ø126mm × 94mm (Ø5.0" × 3.7")	Ø110mm × 61mm (Ø4.3" × 2.4")	Ø110mm × 61mm (Ø4.3" × 2.4")

Model	IPC3231ER-VS	IPC3232ER-VS	IPC3232ER-DV	IPC3231ER-DV
Appearance				
Product Series	Low-light	Low-light	Low-light	Low-light
Sensor	1/3" / 1.3MP / CMOS	1/2.8" / 2MP / CMOS	1/2.8" / 2MP / CMOS	1/3" / 1.3MP / CMOS
Wide Dynamic Range	Digital WDR	Digital WDR	120dB	120dB
Zoom	Manual	Manual	Manual	Manual
Lens	Focus: 2.8~12mm, Iris: F1.4, Angle of View (H): 90.0° ~28°	Focus: 2.8~12mm, Iris: F1.4, Angle of View (H): 100.0°~30°	Focus: 2.8~12mm, Iris: F1.4, Angle of View (H): 100.0°~30°	Focus: 2.8~12mm, Iris:F1.4, Angle of View (H): 90.0° ~28°
IR	Up to 30m (98 ft)	Up to 30m (98 ft)	Up to 30m (98 ft)	Up to 30m (98 ft)
Video Compression	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG	H.265, H.264, MJPEG
Smart Function	N/A	N/A	N/A	√
Frame Rate	1280 × 960 30fps	1920 × 1080 30fps	1920 × 1080 30fps	1280 × 960 30fps
ROI(Region of Interest)	√	√	√	√
9:16 Corridor Mode	√	√	√	√
Video Streaming	Triple Streams	Triple Streams	Triple Streams	Triple Streams
Privacy Mask	√	√	√	√
Audio I/O	N/A	N/A	1 / 1	1 / 1
Alarm I/O	N/A	N/A	1 / 1	1 / 1
Edge Storage	MicroSD, Up to 128GB	MicroSD, Up to 128GB	MicroSD, Up to 128GB	MicroSD, Up to 128GB
Network Interface	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet
Reset Button	√	√	√	√
Power	DC 12V ±25%, PoE (IEEE802.3af)	DC 12V ±25%, PoE (IEEE802.3af)	DC 12V ±25%, PoE (IEEE802.3af)	DC 12V ±25%, PoE (IEEE802.3af)
Working Environment	-40°C ~ 60°C (-40°F to 140°F)	-40°C ~ 60°C (-40°F to 140°F)	-40°C ~ 60°C (-40°F to 140°F)	-40°C ~ 60°C (-40°F to 140°F)
Ingress Protection	IP66	IP66	IP66	IP66
Vandal Resistant	IK10	IK10	IK10	IK10
Weight	0.75kg (1.7lb)	0.75kg (1.7lb)	0.75kg (1.7lb)	0.75kg (1.7lb)
Power Consumption	Max 7.2W	Max 7.2W	Max 7.2W	Max 7.2W
Dimensions(Ø x H)	Ø148mm × 111.3mm (Ø5.8" × 4.4")	Ø148mm × 111.3mm (Ø5.8" × 4.4")	Ø148mm × 111.3mm (Ø5.8" × 4.4")	Ø148mm × 111.3mm (Ø5.8" × 4.4")

NETWORK CAMERA

Model	IPC3234SR-DV	IPC3232ER3-DVZ28	IPC3234SR3-DVZ28	IPC3232ER3-DUV
Appearance				
Product Series	Low-light	Low-light	Low-light	Startlight
Sensor	1/3" / 4MP / CMOS	1/2.8" / 2MP / CMOS	1/3" / 4MP / CMOS	1/2.8" / 2MP / CMOS
Wide Dynamic Range	120dB	120dB	120dB	120dB
Zoom	Manual	Motorized	Motorized	Manual
Lens	Focus: 2.8~12mm, Iris:F1.4, Angle of View (H): 105.0°~30°	Focus: 2.8~12mm, Iris: F1.4, Angle of View (H): 100.0°~30°	Focus: 2.8~12mm, Iris: F1.4, Angle of View (H): 105.0°~30°	Focus: 2.8~12mm, Iris: F1.4, Angle of view (H): 100.0°~30°
IR	Up to 30m (98 ft)	Up to 30m (98 ft)	Up to 30m (98 ft)	Up to 30m (98 ft)
Video Compression	H.265, H.264, MJPEG	H.265, H.264, MJPEG	H.265, H.264, MJPEG	H.265, H.264, MJPEG
Smart Function	√	√	√	√
Frame Rate	2592 × 1520 20fps, 2560 × 1440 25fps	1920 × 1080 30fps	2592 × 1520 20fps, 2560 × 1440 25fps	1920 × 1080 30fps
ROI(Region of Interest)	√	√	√	√
9:16 Corridor Mode	√	√	√	√
Video Streaming	Triple Streams	Triple Streams	Triple Streams	Triple streams
Privacy Mask	√	√	√	√
Audio I/O	1 / 1	1 / 1	1 / 1	1 / 1
Alarm I/O	1 / 1	1 / 1	1 / 1	1 / 1
Edge Storage	MicroSD, Up to 128GB	MicroSD, Up to 128GB	MicroSD, Up to 128GB	MicroSD, up to 128GB
Network Interface	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet
Reset Button	√	√	√	√
Power	DC 12V ±25%, PoE (IEEE802.3af)	DC 12V ±25%, PoE (IEEE802.3af)	DC 12V ±25%, PoE (IEEE802.3af)	DC 12V ±25%, PoE (IEEE802.3af)
Working Environment	-40°C ~ 60°C (-40°F to 140°F)	-40°C ~ 60°C (-40°F to 140°F)	-40°C ~ 60°C (-40°F to 140°F)	-40°C ~ 60°C (-40°F ~ 140°F)
Ingress Protection	IP66	IP66	IP66	IP66
Vandal Resistant	IK10	IK10	IK10	IK10
Weight	0.75kg (1.7lb)	0.75kg (1.7lb)	0.75kg (1.7lb)	0.75kg (1.7lb)
Power Consumption	Max 7.2W	Max 7.2W	Max 7.2W	Max 7.2W
Dimensions(Ø x H)	Ø148mm × 111.3mm (Ø5.8" × 4.4")	Ø148mm × 111.3mm (Ø5.8" × 4.4")	Ø148mm × 111.3mm (Ø5.8" × 4.4")	Ø148mm × 111.3mm (Ø5.8" × 4.4")

Model	IPC3232ER3-DUVZ	IPC3238ER3-DVZ	IPC814SR-DVSPF16	IPC814SR-DVPPF16
Appearance				
Product Series	Startlight	Low-light	Low-light	Low-light
Sensor	1/2.8" / 2MP / CMOS	1/2.5" / 8MP / CMOS	1/3" / 4MP / CMOS	1/3" / 4MP / CMOS
Wide Dynamic Range	120dB	120dB	120dB	120dB
Zoom	Motorized	Motorized	Fixed	Fixed
Lens	Focus: 2.8~12mm, Iris: F1.4, Angle of view (H): 100.0°~30°	Focus: 2.8~12mm, Iris: F1.4, Angle of view (H): 105.0°~30°	Focus: 1.6mm, Iris: F1.6, Angle of view (H): 180°	Focus: 1.6mm, Iris: F1.6, Angle of view (H): 180°
IR	Up to 30m (98 ft)	Up to 30m (98 ft)	Up to 10m (33 ft)	Up to 10m (33 ft)
Video Compression	H.265, H.264, MJPEG	H.265, H.264, MJPEG	H.265, H.264, MJPEG	H.265, H.264, MJPEG
Smart Function	√	√	√	√
Frame Rate	1920 × 1080 30fps	3840 × 2160 30fps, 1920 × 1080 30fps	2592 × 1520 20fps, 2560 × 1440 25fps	2592 × 1520 20fps, 2560 × 1440 25fps
ROI(Region of Interest)	√	√	√	√
9:16 Corridor Mode	√	√	√	√
Video Streaming	Triple streams	Triple streams	Single stream(1 panoramic view)	Single stream(1 panoramic view)
Privacy Mask	√	√	√	√
Audio I/O	1 / 1	1 / 1	N/A	1 / 1 and 1 built-in Omnidirectional MicroPhone
Alarm I/O	1 / 1	1 / 1	N/A	1 / 1
Edge Storage	MicroSD, up to 128GB	MicroSD, up to 128GB	MicroSD, up to 128GB	MicroSD, up to 128GB
Network Interface	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet
Reset Button	√	√	√	√
Power	DC 12V ±25%, PoE (IEEE802.3af)	DC 12V ±25%, PoE (IEEE802.3af)	DC 12V ±25%, PoE (IEEE802.3af)	DC 12V ±25%, PoE (IEEE802.3af)
Working Environment	-40°C ~ 60°C (-40°F ~ 140°F)	-40°C ~ 60°C (-40°F ~ 140°F)	-40°C ~ 60°C (-40°F ~ 140°F)	-40°C ~ 60°C (-40°F ~ 140°F)
Ingress Protection	IP66	IP66	IP66	IP66
Vandal Resistant	IK10	IK10	IK10	IK10
Weight	0.75kg (1.7lb)	0.75kg (1.7lb)	0.39kg (0.86lb)	0.39kg (0.86lb)
Power Consumption	Max 7.2W	Max 8.7W	Max 11W	Max 11W
Dimensions(Ø x H)	Ø148mm × 111.3mm (Ø5.8" × 4.4")	Ø148mm × 111.3mm (Ø5.8" × 4.4")	Ø125mm × 43.7mm (Ø4.9" × 1.7")	Ø125mm × 43.7mm (Ø4.9" × 1.7")

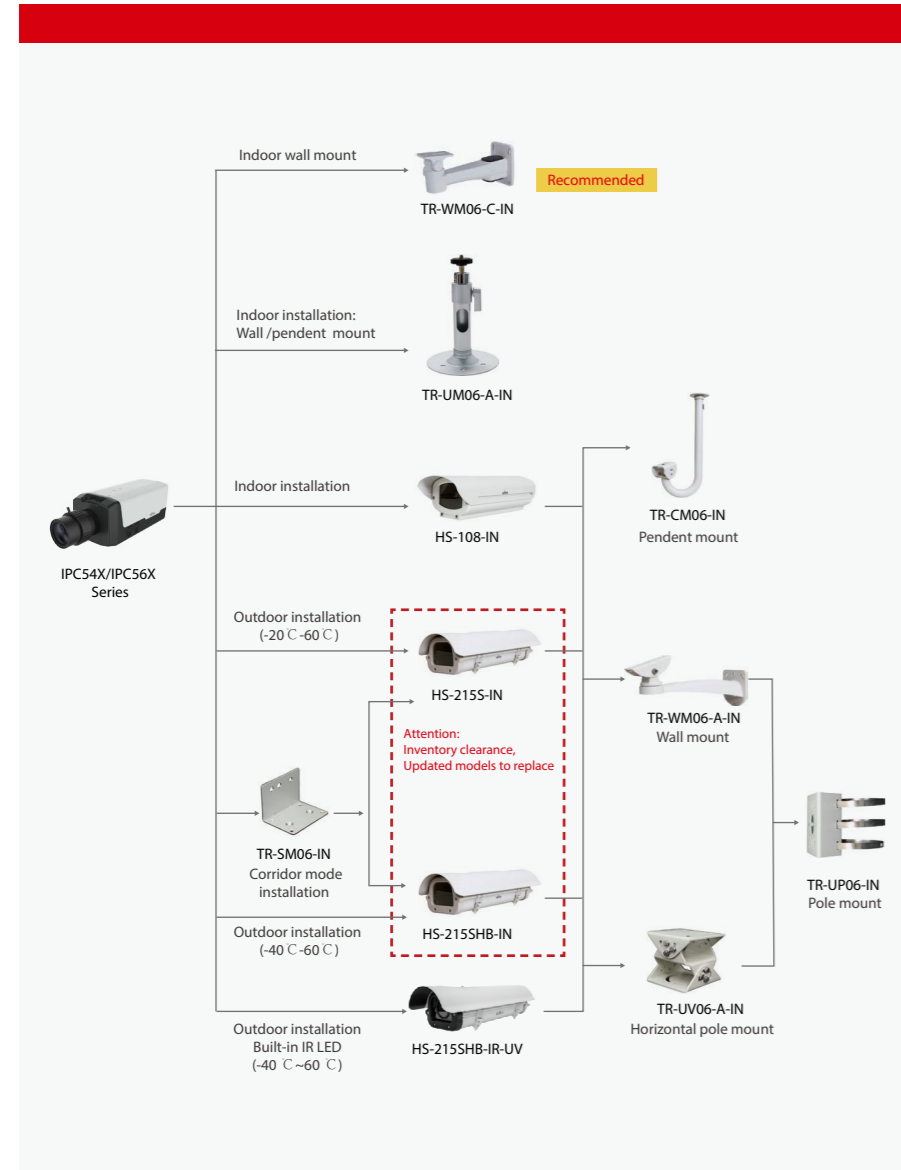
PTZ Dome

Model	IPC6222ER-X20(P)-B	IPC6222ER-X30(P)-B	IPC6252SR-X22U	IPC6252SR-X22UG	IPC6252SR-X33U
Appearance					
Product Series	Low-light	Low-light	Starlight	Starlight	Starlight
Sensor	1/3" / 2MP / CMOS	1/3" / 2MP / CMOS	1/1.9" / 2MP / CMOS	1/1.9" / 2MP / CMOS	1/2.8" / 2MP / CMOS
Lens	Focus: 5.2~104mm, Iris: F1.5~F3.0 Angle of view (H): 61.9°~3.5°	Focus: 4.5~135mm, Iris: F1.6~F4.4 Angle of view (H): 62.9°~2.3°	Focus: 6.5~143mm, Iris: F1.5~F3.4 Angle of View (H): 70°~3.76°	Focus: 6.5~143mm, Iris: F1.5~F3.4 Angle of View (H): 70°~3.76°	Focus: 4.5~148.5mm, Iris: F1.6~F5.3 Angle of view (H): 62.93°~3.67°
Optical Zoom	20X	30X	22X	22X	33X
WDR	Digital WDR	Digital WDR	120dB	120dB	120dB
Pan Range	360°	360°	360°	360°	360°
Pan Speed	0.1°/s ~ 240°/s	0.1°/s ~ 240°/s	0.1°/s ~ 240°/s	0.1°/s ~ 240°/s	0.1°/s ~ 240°/s
Tilt Range	-15° ~ +90°	-15° ~ +90°	-15° ~ +90°	-15° ~ +90°	-15° ~ +90°
Tilt Speed	0.1° ~ 160°/s	0.1° ~ 160°/s	0.1° ~ 160°/s	0.1° ~ 160°/s	0.1° ~ 160°/s
IR	Up to 100m (328 ft)	Up to 100m (328 ft)	Up to 200m (656 ft)	Up to 200m (656 ft)	Up to 150m (492 ft)
Video Compression	H.265, H.264, MJPEG	H.265, H.264, MJPEG	H.265, H.264, MJPEG	H.265, H.264, MJPEG	H.265, H.264, MJPEG
Smart Function	√	√	√	√	√
Frame Rate	1920 × 1080 30fps	1920 × 1080 30fps	1920 × 1080 60fps	1920 × 1080 60fps	1920 × 1080 60fps
Video Streaming	Triple streams	Triple streams	Triple Streams	Triple Streams	Triple streams
Privacy Mask	√	√	√	√	√
Patrol	√	√	√	√	√
Preset	256	256	256	256	256
Audio I/O	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1
Alarm I/O	1 / 1	1 / 1	2 / 1	2 / 1	2 / 1
Edge Storage	MicroSD, up to 128GB	MicroSD, up to 128GB	MicroSD, up to 128GB	MicroSD, up to 128GB	MicroSD, up to 128GB
Network Interface	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet
Optical Interface	N/A	N/A	N/A	100M/1000M SFP	N/A
Reset Button	N/A	N/A	√	√	√
Power	AC 24V ±25%, DC 24V ±25%, PoE (-P, PSE Required)	AC 24V ±25%, DC 24V ±25%, PoE (-P, PSE Required)	AC 24V ±25%, DC 24V ±25%	AC 24V ±25%, DC 24V ±25%	AC 24V ±25%, DC 24V ±25%
Ingress Protection	IP66	IP66	IP66	IP66	IP66
Working Environment	-40°C ~ 65°C (-40°F ~ 149°F)	-40°C ~ 65°C (-40°F ~ 149°F)	-40°C ~ 70°C (-40°F ~ 158°F)	-40°C ~ 70°C (-40°F ~ 158°F)	-40°C ~ 70°C (-40°F ~ 158°F)
Weight	5.28kg (11.6lb)	5.28kg (11.6lb)	5.5kg (12.1lb)	5.5kg (12.1lb)	5.5kg (12.1lb)
Power Consumption	9 ~ 42W	9 ~ 42W	11 ~ 47W	15 ~ 51W	11 ~ 47W
Dimensions	Ø227mm × 359.4mm (Ø8.9" × 14.2")	Ø227mm × 359.4mm (Ø8.9" × 14.2")	Ø227mm × 359.4mm (Ø8.9" × 14.2")	Ø227mm × 359.4mm (Ø8.9" × 14.2")	Ø227mm × 359.4mm (Ø8.9" × 14.2")

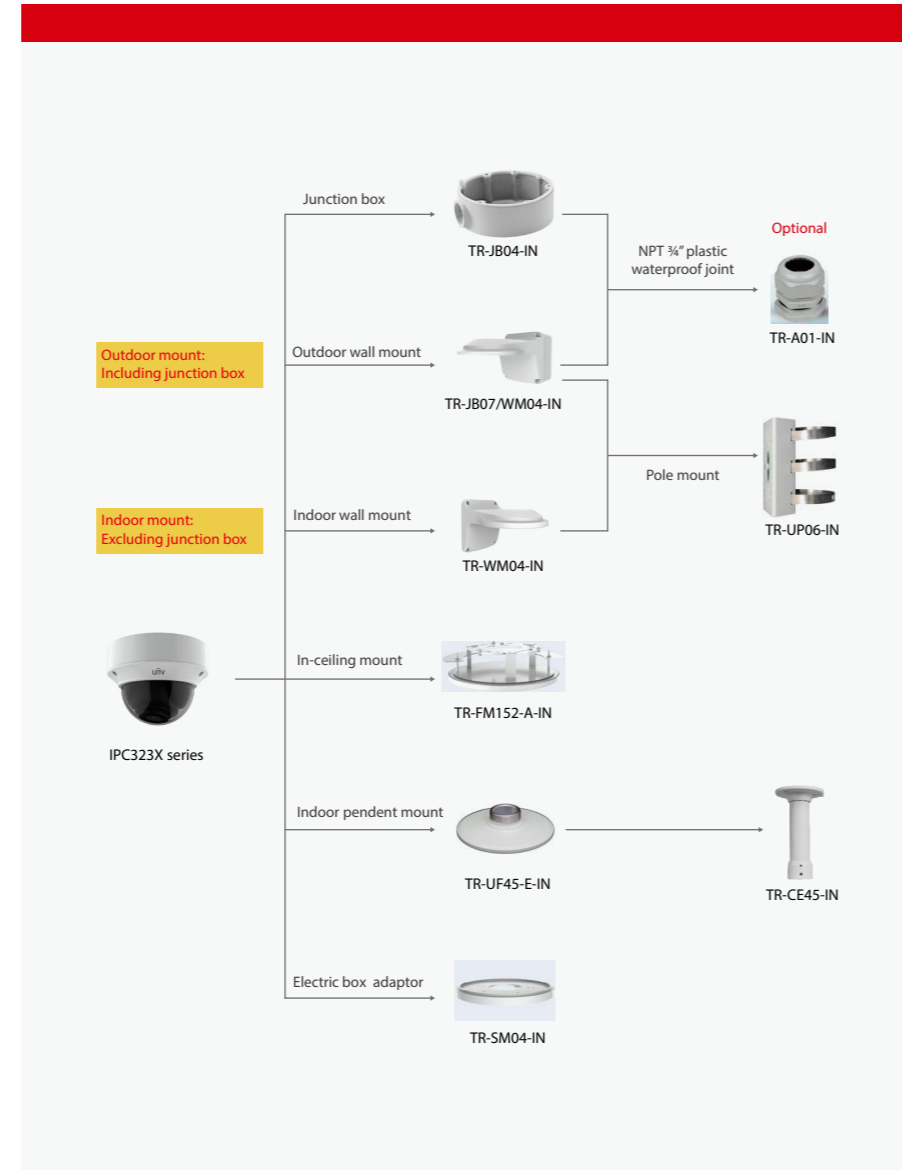
Model	IPC6252SFW-X22U	IPC6252SL-X33UP	IPC6253SR-X33	IPC6852SR-X44U	IPC6858SR-X22
Appearance					
Product Series	Starlight	Starlight, Laser	Low-light	Starlight	Low-light
Sensor	1/1.9" / 2MP / CMOS	1/2.8" / 2MP / CMOS	1/2.8" / 3MP / CMOS	1/2.8" / 2MP / CMOS	1/1.7" / 12MP / CMOS
Lens	Focus: 6.5~143mm, Iris: F1.5~F3.4 Angle of View (H): 70°~3.76°	Focus: 4.5~148.5mm, Iris: F1.6~F5.3 Angle of view (H): 62.93°~3.67°	Focus: 4.5~148.5mm, Iris: F1.6~F5.3 Angle of View (H): 75°~6.2°	Focus: 5~220mm, Iris: F1.2~F3.5 Angle of view (H): 56.7°~3.07°	Focus: 6.5~143mm, Iris: F1.5~F3.4 Angle of view (H): 56.7°~3.07°
Optical Zoom	22X	33X	33X	44X	22X
WDR	120dB	120dB	120dB	120dB	Digital WDR
Pan Range	360°	360°	360°	360°	360°
Pan Speed	0.1°/s ~ 240°/s	0.1°/s ~ 240°/s	0.1°/s ~ 240°/s	0.1°/s ~ 240°/s	0.1°/s ~ 240°/s
Tilt Range	-15° ~ +90°	-15° ~ +90°	-15° ~ +90°	-15° ~ +90°	-15° ~ +90°
Tilt Speed	0.1° ~ 160°/s	0.1° ~ 160°/s	0.1° ~ 160°/s	0.1° ~ 160°/s	0.1° ~ 160°/s
IR	<30m White light, 30~150m IR	VF laser, up to 500m (1640 ft)	Up to 150m (492 ft)	Up to 250m (820 ft)	Up to 250m (820 ft)
Video Compression	H.265, H.264, MJPEG	H.265, H.264, MJPEG	H.265, H.264, MJPEG	H.265, H.264, MJPEG	H.265, H.264, MJPEG
Smart Function	√	√	√	√	√
Frame Rate	1920 × 1080 60fps	1920 × 1080 60fps	2048 × 1536 30fps	1920 × 1080 60fps	4000 × 3000 20fps, 3840 × 2160 30fps
Video Streaming	Triple Streams	Triple streams	Triple Streams	Triple streams	Triple streams
Privacy Mask	√	√	√	√	√
Patrol	√	√	√	√	√
Preset	256	256	256	256	256
Audio I/O	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1
Alarm I/O	2 / 1	1 / 1	2 / 1	2 / 1	2 / 1
Edge Storage	MicroSD, up to 128GB	MicroSD, up to 128GB	MicroSD, up to 128GB	MicroSD, up to 128GB	MicroSD, up to 128GB
Network Interface	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet
Optical Interface	N/A	N/A	N/A	N/A	N/A
Reset Button	√	√	√	√	√
Power	AC 24V ±25%, DC 24V ±25%	AC 24V ±25%, DC 24V ±25% PoE (PSE Required)	AC 24V ±25%, DC 24V ±25%	AC 24V ±25%, DC 24V ±25%	AC 24V ±25%, DC 24V ±25%
Ingress Protection	IP66	IP66	IP66	IP66	IP66
Working Environment	-40°C ~ 70°C (-40°F to 158°F)	-40°C ~ 70°C (-40°F ~ 158°F)	-40°C ~ 70°C (-40°F ~ 158°F)	-40°C ~ 70°C (-40°F ~ 158°F)	-40°C ~ 70°C (-40°F ~ 158°F)
Weight	5.5kg (12.1lb)	5.6kg (12.3lb)	5.5kg (12.1lb)	9.69kg (21.4lb)	9.69kg (21.4lb)
Power Consumption	12 ~ 46W	8 ~ 47W	11 ~ 47W	16 ~ 56W	16 ~ 56W
Dimensions	Ø227mm × 359.4mm (Ø8.9" × 14.2")	Ø227mm × 359.4mm (Ø8.9" × 14.2")	Ø227mm × 359.4mm (Ø8.9" × 14.2")	Ø270mm × 496.7mm (Ø10.6" × 19.6")	Ø270mm × 496.7mm (Ø10.6" × 19.6")

ACCESSORIES

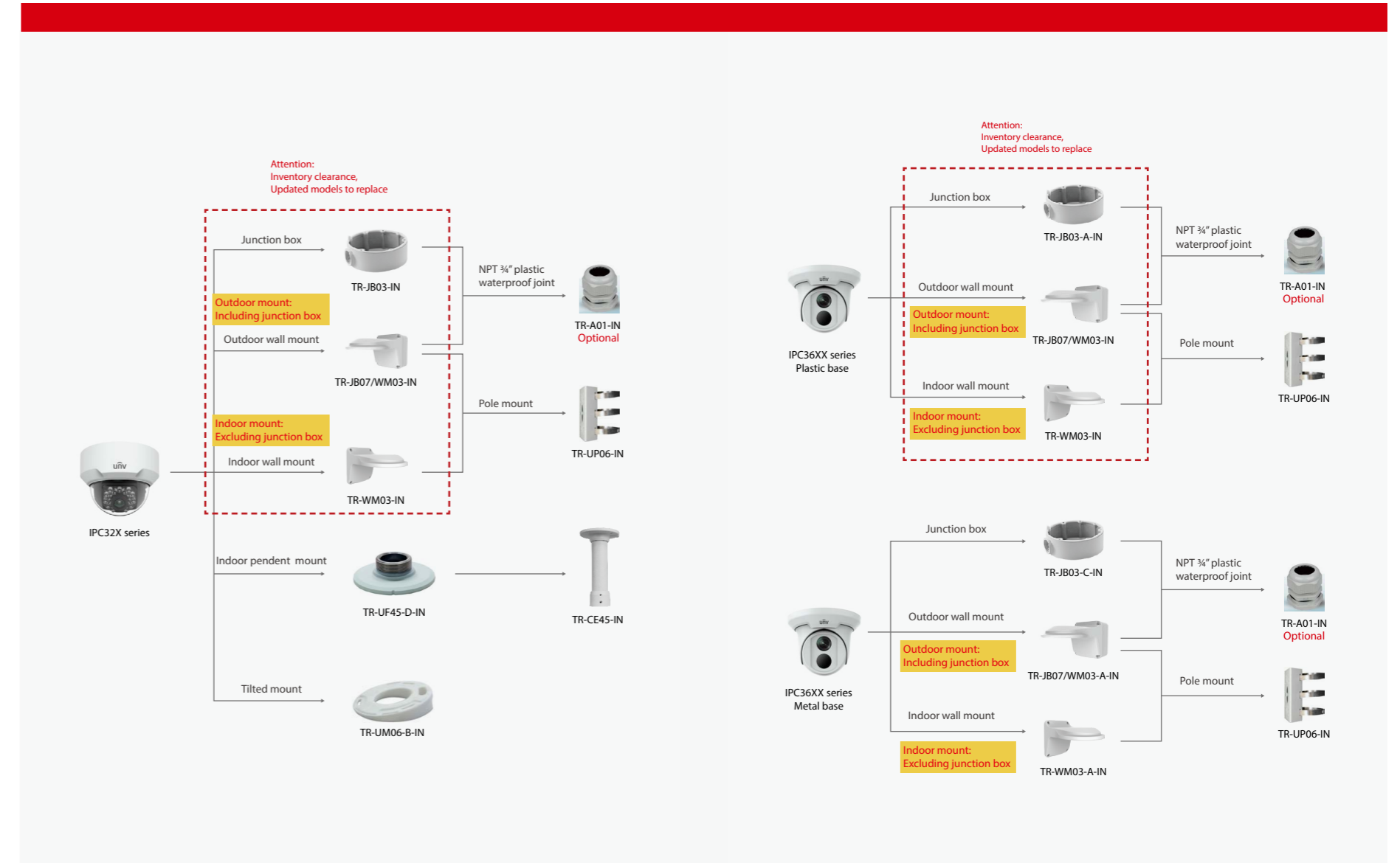
Box Camera Mount



Dome Camera Mount

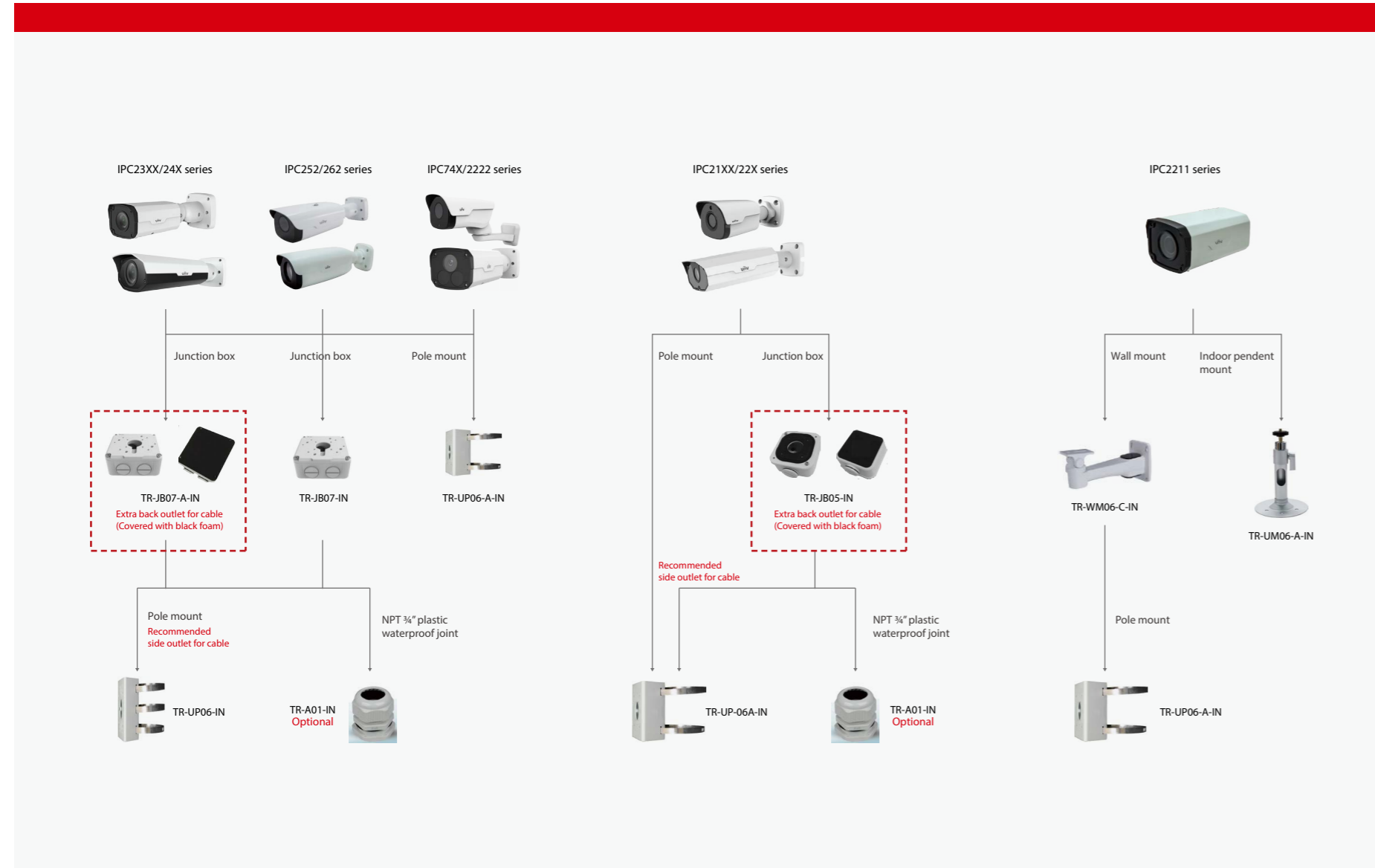


Fixed Dome Camera Mount

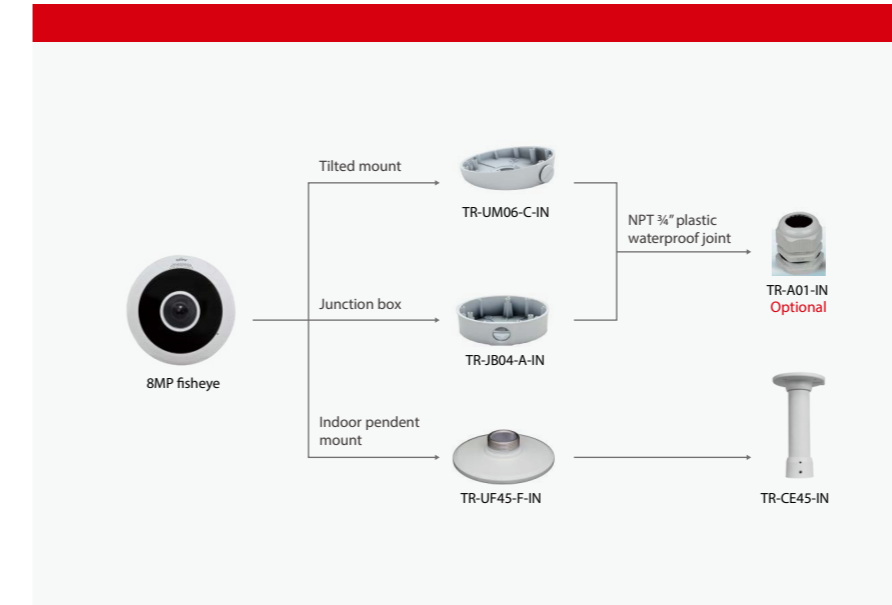


ACCESSORIES

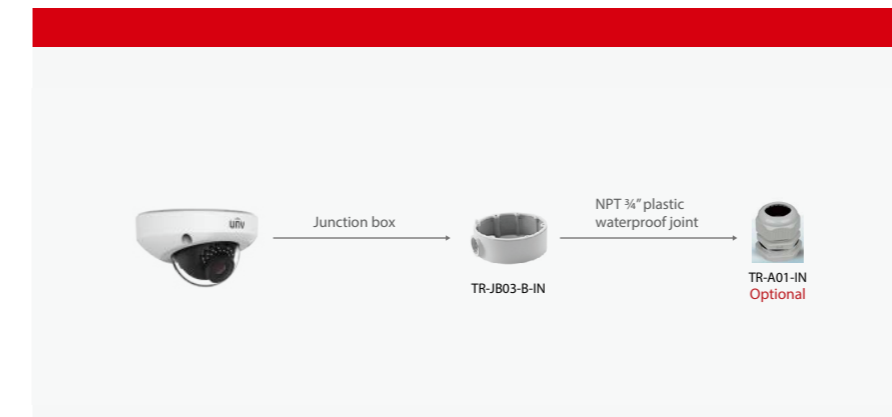
Bullet Camera Mount



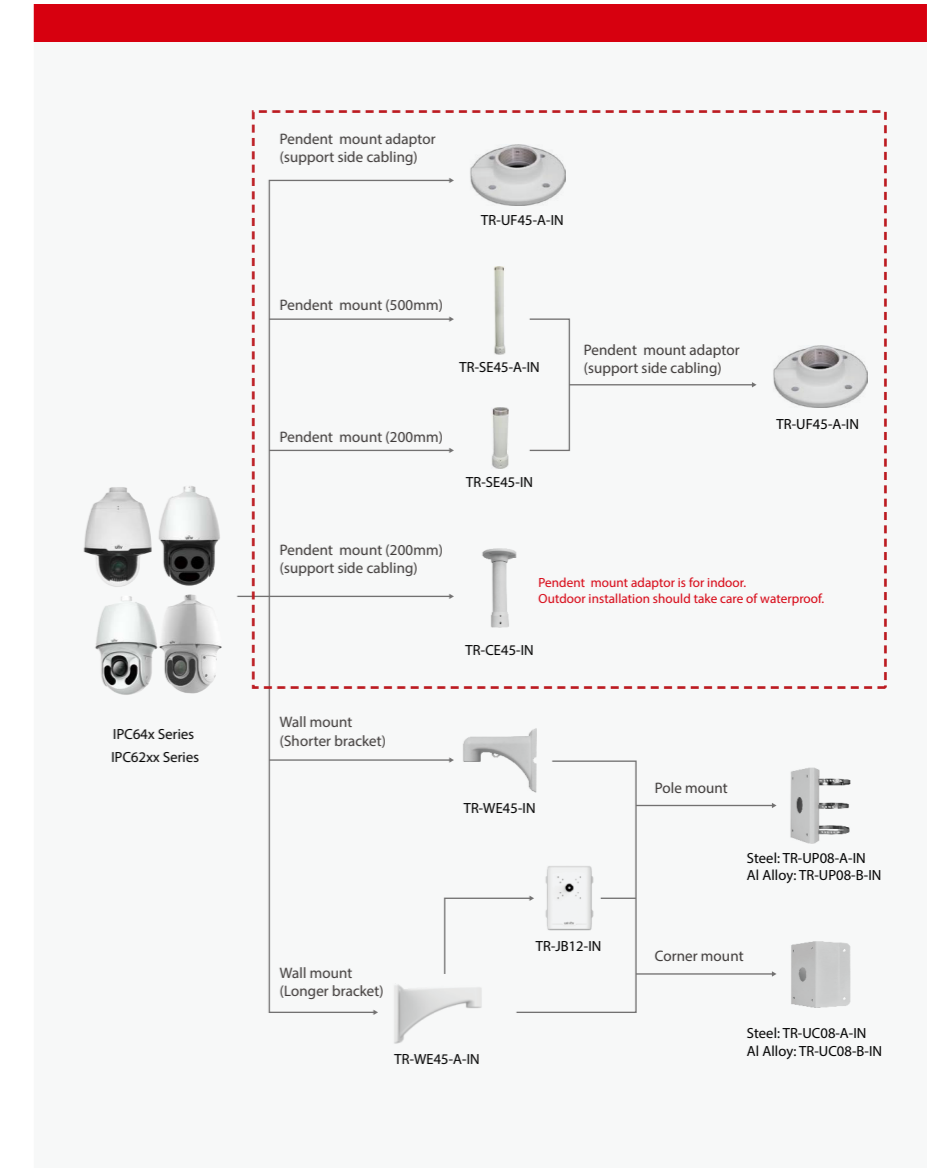
Fisheye Camera Mount



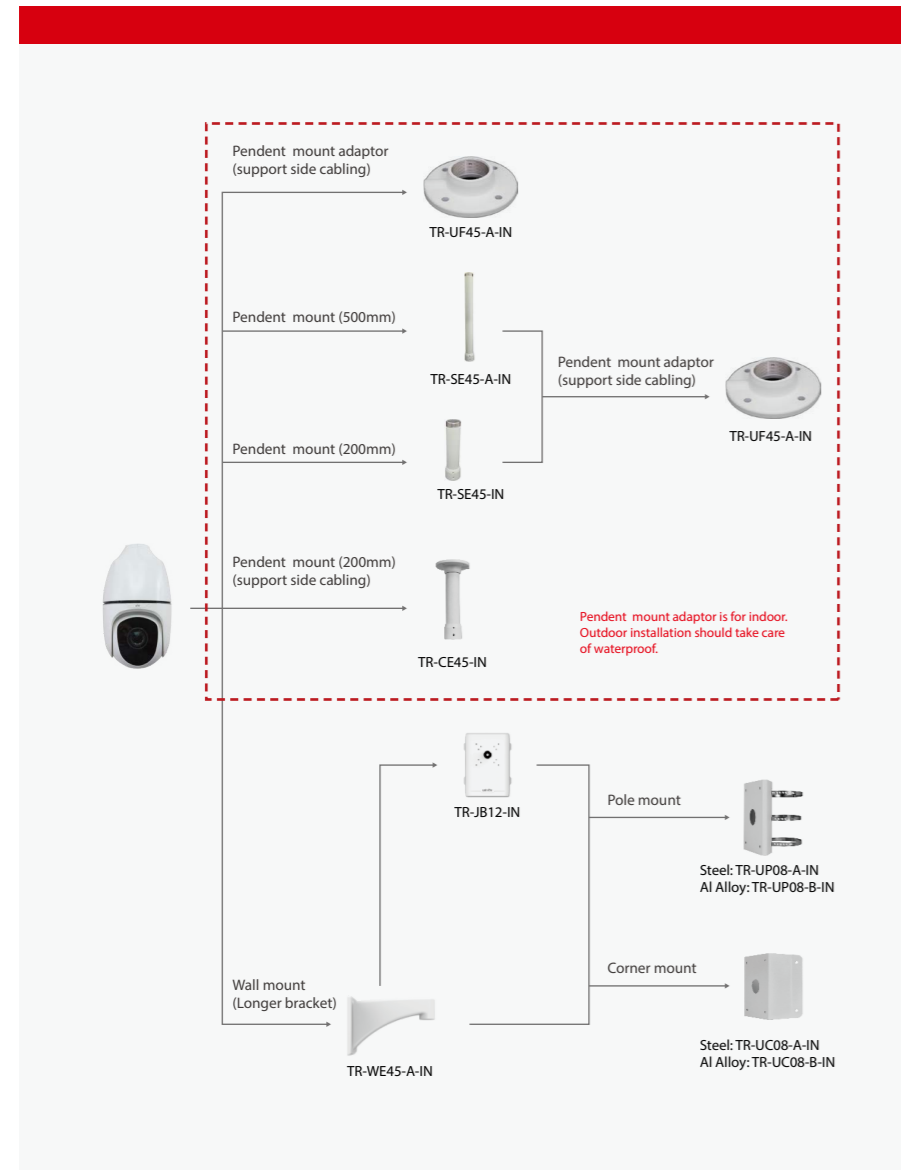
Mini Dome Camera Mount



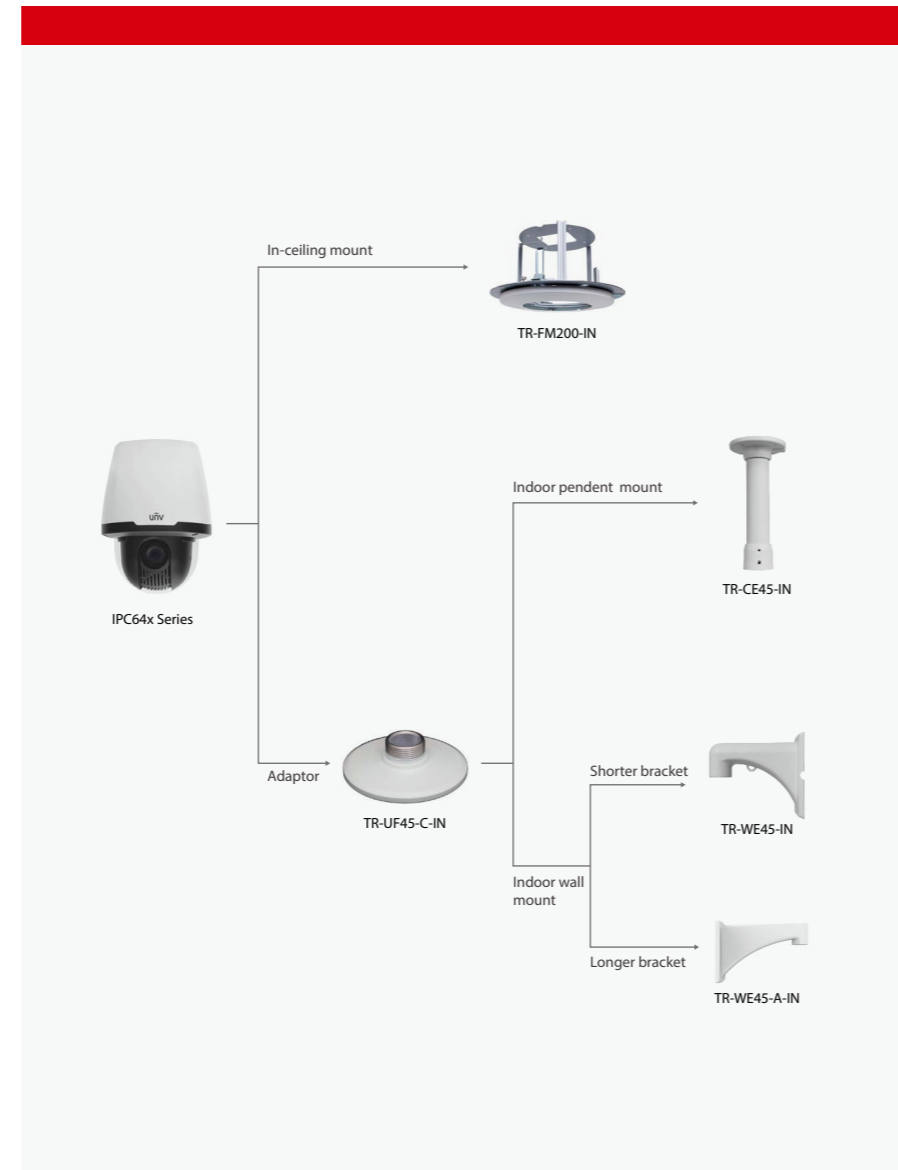
Outdoor PTZ Camera Mount



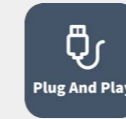
Outdoor PTZ camera mount



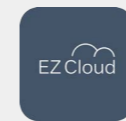
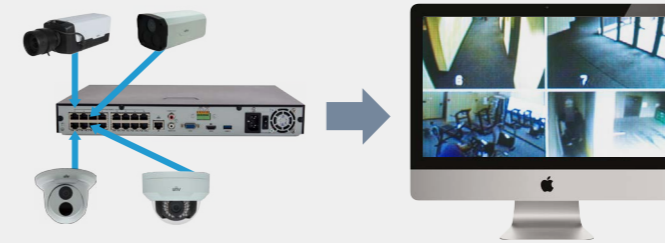
Indoor PTZ Camera Mount



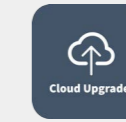
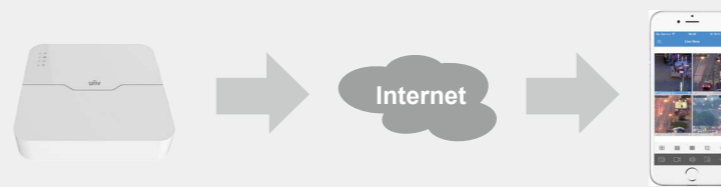
ONVIF
Third-party IP cameras supported with ONVIF conformance.



Plug And Play
Support PnP for easy IP camera discovery and usage.



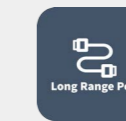
EZCloud
The EZCloud video service offers a superb mobile solution for managing and remote viewing IP cameras.



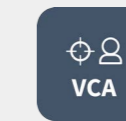
Cloud Upgrade
Just click "upgrade" in the NVR menu, it will automatically detect the latest firmware and upgrade.



IPC Upgrade on NVR
Upgrading IP cameras by just clicking "cloud upgrade" on NVR. Available on human interface and web interface (NVR should be able to access internet)



Long Range PoE
Normally PoE distance is 100m, but with Uniview NVR and IP cameras, it can reach up to 300m PoE transmission distance with Cat5E or Cat6.



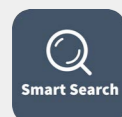
VCA
VCA is an intelligent video analysis function. VCA support face detection, intrusion detection, cross line detection and people counting.





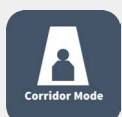
N+1 hot spare

Uniview's NVR support N+1 hot spare function. When working-group NVR is offline, hot spare NVR can take over IPC from offline NVR to ensure continuous video recording.



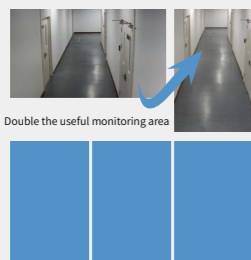
Smart Search

In normal search, you had to take hours to search the whole playback bar to find the desired video clip. In smart search, specify an interesting area and do smart search, it only takes seconds to find the desired video clip.



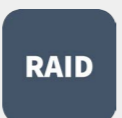
Corridor Mode

Uniview's NVR can easily support IP cameras that working under corridor mode. User can also play back in corridor mode.



Higher Security

We adopt different password security level between LAN and WAN. The LAN allowed weak password, the WAN only use strong password. When user logging in, it will remind user to change weak password. When changing password, it will evaluate new password strength.



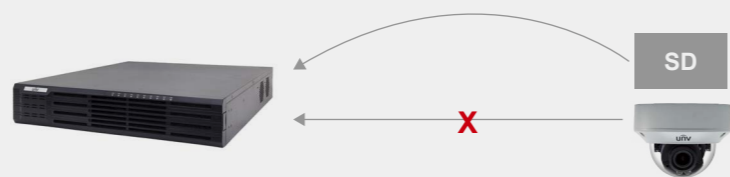
RAID

Support various RAID mode such as RAID0,1,5,6,10, providing reliable storage.



ANR

When the connection between IPC and NVR is interrupted, IPC can store video in SD card. Then after reconnection, IPC can send previous video back to NVR.



2-Series NVR



Model	NVR201-04L	NVR201-08L	NVR201-04LP	NVR201-08LP	NVR201-04E
Appearance					
Video/Audio Input	IP Video Input	4-ch	8-ch	4-ch	8-ch
	Input Bandwidth	32 Mbps	64 Mbps	32 Mbps	64 Mbps
	Audio Input	1-ch	1-ch	1-ch	1-ch
Video/Audio Output	HDMI	1	1	1	1
	VGA	1	1	1	1
	Audio Output	1-ch, RCA	1-ch, RCA	1-ch, RCA	1-ch, RCA
	Outgoing Bandwidth	64 Mbps	64 Mbps	64 Mbps	64 Mbps
	Decoding Capability	18-ch@D1, 9-ch@720P, 4-ch@1080P	18-ch@D1, 9-ch@720P, 4-ch@1080P	18-ch@D1, 9-ch@720P, 4-ch@1080P	32-ch@D1, 16-ch@720P, 6-ch@1080P
Storage	HDD	1 SATA interface	1 SATA interface	1 SATA interface	1 SATA interface
External Interface	Network Interface	1 × RJ-45 100M	1 × RJ-45 100M	1 × RJ-45 100M	1 × RJ-45 100M
	PoE	N/A	N/A	4 × PoE+	8 × PoE+
	Serial Interface	N/A	N/A	N/A	N/A
	USB Interface	1 × USB 2.0, 1 × USB 3.0	1 × USB 2.0, 1 × USB 3.0	1 × USB 2.0, 1 × USB 3.0	1 × USB 2.0, 1 × USB 3.0
	Alarm I/O	N/A	N/A	N/A	N/A
	Other	Power Supply	12V DC, 2A	12V DC, 2A	48V DC, 1.25A
Power Consumption	≤4W (without HDD)	≤4W (without HDD)	≤8W (without HDD and PoE)	≤8W (without HDD and PoE)	≤8W (without HDD)
Working Environment	-10°C ~ 55°C (14°F to 131°F), 10% ~ 90% RH	-10°C ~ 55°C (14°F to 131°F), 10% ~ 90% RH	-10°C ~ 55°C (14°F to 131°F), 10% ~ 90% RH	-10°C ~ 55°C (14°F to 131°F), 10% ~ 90% RH	-10°C ~ 55°C (14°F to 131°F), 10% ~ 90% RH
Dimensions(H×W×D)	205.0mm × 205.0mm × 41.8mm (8.1" × 8.1" × 1.6")	205.0mm × 205.0mm × 41.8mm (8.1" × 8.1" × 1.6")	205.0mm × 205.0mm × 41.8mm (8.1" × 8.1" × 1.6")	270.0mm × 205.0mm × 41.8mm (10.6" × 8.1" × 1.6")	360.0mm × 254.3mm × 43.6mm (14.17" × 10.01" × 1.72")
Weight(Without HDD)	≤1.17kg	≤1.17kg	≤1.21kg	≤1.3kg	≤1.5kg

Model		NVR201-08E	NVR201-04EP	NVR201-08EP	NVR202-08E	NVR202-16E
Appearance						
Video/Audio Input	IP Video Input	8-ch	4-ch	8-ch	8-ch	16-ch
	Input Bandwidth	64 Mbps	32 Mbps	64 Mbps	64 Mbps	128 Mbps
	Audio Input	1-ch	1-ch	1-ch	1-ch	1-ch
Video/Audio Output	HDMI	1	1	1	1	1
	VGA	1	1	1	1	1
	Audio Output	1-ch, RCA	1-ch, RCA	1-ch, RCA	1-ch, RCA	1-ch, RCA
	Outgoing Bandwidth	96 Mbps	96 Mbps	96 Mbps	96 Mbps	96 Mbps
	Decoding Capability	18-ch@D1, 9-ch@720P, 4-ch@1080P	18-ch@D1, 9-ch@720P, 4-ch@1080P	18-ch@D1, 9-ch@720P, 4-ch@1080P	18-ch@D1, 9-ch@720P, 4-ch@1080P	32-ch@D1, 16-ch@720P, 6-ch@1080P
Storage	HDD	1 SATA interface	1 SATA interface	1 SATA interface	2 SATA interfaces	2 SATA interfaces
External Interface	Network Interface	1 × RJ-45 100M	1 × RJ-45 100M	1 × RJ-45 100M	1 × RJ-45 1000M	1 × RJ-45 1000M
	PoE	N/A	4 × PoE+	8 × PoE+	N/A	N/A
	Serial Interface	N/A	N/A	N/A	N/A	N/A
	USB Interface	1 × USB 2.0, 1 × USB 3.0	1 × USB 2.0, 1 × USB 3.0	1 × USB 2.0, 1 × USB 3.0	1 × USB 2.0, 1 × USB 3.0	1 × USB 2.0, 1 × USB 3.0
	Alarm I/O	N/A	N/A	N/A	N/A	N/A
Other	Power Supply	12V DC, 2A	48V DC, 1.25A	52V DC, 1.8A	12V DC, 2A	12V DC, 2A
	Power Consumption	≤8W (without HDD)	≤8W (without HDD and PoE)	≤8W (without HDD and PoE)	≤6W (without HDD)	≤6W (without HDD)
	Working Environment	-10°C ~ 55°C (14°F to 131°F), 10% ~ 90% RH	-10°C ~ 55°C (14°F to 131°F), 10% ~ 90% RH	-10°C ~ 55°C (14°F to 131°F), 10% ~ 90% RH	-10°C ~ 55°C (14°F to 131°F), 10% ~ 90% RH	-10°C ~ 55°C (14°F to 131°F), 10% ~ 90% RH
	Dimensions(H×W×D)	360.0mm × 254.3mm × 43.6mm (14.17" × 10.01" × 1.72")	360.0mm × 254.3mm × 43.6mm (14.17" × 10.01" × 1.72")	360.0mm × 254.3mm × 43.6mm (14.17" × 10.01" × 1.72")	360.0mm × 254.3mm × 43.6mm (14.17" × 10.01" × 1.72")	360.0mm × 254.3mm × 43.6mm (14.17" × 10.01" × 1.72")
	Weight(Without HDD)	≤1.5kg	≤1.36kg	≤1.36kg	≤1.42kg	≤1.42kg





Model		NVR202-32E	NVR202-08EP	NVR202-16EP	NVR204-16E	NVR204-32E
Appearance						
Video/Audio Input	IP Video Input	32-ch	8-ch	16-ch	16-ch	32-ch
	Input Bandwidth	200 Mbps	64 Mbps	128 Mbps	128 Mbps	200 Mbps
	Audio Input	1-ch	1-ch	1-ch	1-ch	1-ch
Video/Audio Output	HDMI	1	1	1	1	1
	VGA	1	1	1	1	1
	Audio Output	1-ch, RCA	1-ch, RCA	1-ch, RCA	1-ch, RCA	1-ch, RCA
	Outgoing Bandwidth	96 Mbps	96 Mbps	96 Mbps	96 Mbps	96 Mbps
	Decoding Capability	32-ch@D1, 16-ch@720P, 6-ch@1080P	32-ch@D1, 16-ch@720P, 6-ch@1080P	32-ch@D1, 16-ch@720P, 6-ch@1080P	32-ch@D1, 16-ch@720P, 6-ch@1080P	32-ch@D1, 16-ch@720P, 6-ch@1080P
Storage	HDD	2 SATA interfaces	2 SATA interfaces	2 SATA interfaces	4 SATA interfaces	4 SATA interfaces
External Interface	Network Interface	1 × RJ-45 1000M	1 × RJ-45 1000M	1 × RJ-45 1000M	2 × RJ-45 1000M	2 × RJ-45 1000M
	PoE	N/A	8 × PoE+	8 × PoE+	N/A	N/A
	Serial Interface	N/A	N/A	N/A	1 × RS-485	1 × RS-485
	USB Interface	1 × USB 2.0, 1 × USB 3.0	1 × USB 2.0, 1 × USB 3.0	1 × USB2.0, 1 × USB3.0	2 × USB2.0, 1 × USB3.0	2 × USB2.0, 1 × USB3.0
	Alarm I/O	N/A	N/A	N/A	8/2	8/2
Other	Power Supply	12V DC, 2A	52V DC, 1.8A	52V DC, 1.8A	12V DC, 5A	12V DC, 5A
	Power Consumption	≤6W (without HDD)	≤8W (without HDD and PoE)	≤8W (without HDD and PoE)	≤6W (without HDD)	≤6W (without HDD)
	Working Environment	-10°C ~ 55°C (14°F to 131°F), 10% ~ 90% RH	-10°C ~ 55°C (14°F to 131°F), 10% ~ 90% RH	-10°C ~ 55°C (14°F to 131°F), 10% ~ 90% RH	-10°C ~ 55°C (14°F to 131°F), 10% ~ 90% RH	-10°C ~ 55°C (14°F to 131°F), 10% ~ 90% RH
	Dimensions(H×W×D)	360.0mm × 254.3mm × 43.6mm (14.17" × 10.01" × 1.72")	205.0mm × 205.0mm × 41.8mm (8.1" × 8.1" × 1.6")	205.0mm × 205.0mm × 41.8mm (8.1" × 8.1" × 1.6")	44.0mm × 440.0mm × 341.0mm (1.73" × 17.30" × 13.47")	44.0mm × 440.0mm × 341.0mm (1.73" × 17.30" × 13.47")
	Weight(Without HDD)	≤1.42kg	≤1.45kg	≤1.45kg	≤3kg	≤3kg





3-Series NVR


Model		NVR208-16	NVR208-32
Appearance			
Video/Audio Input	IP Video Input	16-ch	32-ch
	Input Bandwidth	128 Mbps	200 Mbps
	Audio Input	1-ch	1-ch
Video/Audio Output	HDMI	1	1
	VGA	1	1
	Audio Output	1-ch, RCA	1-ch, RCA
	Outgoing Bandwidth	96 Mbps	96 Mbps
	Decoding Capability	32-ch@D1, 16-ch@720P, 6-ch@1080P	32-ch@D1, 16-ch@720P, 6-ch@1080P
Storage	HDD	8 SATA interfaces	8 SATA interfaces
External Interface	Network Interface	2 × RJ-45 1000M	2 × RJ-45 1000M
	PoE	N/A	N/A
	Serial Interface	N/A	N/A
	USB Interface	2 × USB2.0, 1 × USB3.0	2 × USB2.0, 1 × USB3.0
	Alarm I/O	8/2	8/2
Other	Power Supply	100~240V AC	100~240V AC
	Power Consumption	≤15W (without HDD)	≤15W (without HDD)
	Working Environment	-10°C ~ 55°C (14°F to 131°F) 10% ~ 90% RH	-10°C ~ 55°C (14°F to 131°F) 10% ~ 90% RH
	Dimensions(H×W×D)	86.1mm × 442.0mm × 421.0mm (3.39" × 17.40" × 16.57")	86.1mm × 442.0mm × 421.0mm (3.39" × 17.40" × 16.57")
	Weight(Without HDD)	≤5.2kg	≤5.2kg




Model		NVR301-04E	NVR301-08E
Appearance			
Video/Audio Input	IP Video Input	4-ch	8-ch
	Input Bandwidth	40 Mbps	60 Mbps
	Audio Input	1-ch	1-ch
Video/Audio Output	HDMI	1	1
	VGA	1	1
	Audio Output	1-ch, RCA	1-ch, RCA
	Outgoing Bandwidth	32 Mbps	32 Mbps
	Decoding Capability	16-ch@D1, 8-ch@720P, 4-ch@1080P	16-ch@D1, 8-ch@720P, 4-ch@1080P
Storage	HDD	1 SATA interface	1 SATA interface
External Interface	Network Interface	1 × RJ-45 100M	1 × RJ-45 100M
	PoE	N/A	N/A
	Serial Interface	N/A	N/A
	USB Interface	3 × USB2.0	3 × USB2.0
	Alarm I/O	4/1	4/1
Other	Power Supply	12V DC, 2A	12V DC, 2A
	Power Consumption	≤5W (without HDD)	≤5W (without HDD)
	Working Environment	-10°C ~ 55°C, (14°F to 131°F) 10% ~ 90% RH	-10°C ~ 55°C, (14°F to 131°F) 10% ~ 90% RH
	Dimensions(H×W×D)	44.0mm × 260.0mm × 240.0mm (1.73" × 10.24" × 9.45")	44.0mm × 260.0mm × 240.0mm (1.73" × 10.24" × 9.45")
	Weight(Without HDD)	≤1.1kg	≤1.1kg

Model		NVR301-16E	NVR301-04-P4	NVR301-08-P8	NVR301-16-P8
Appearance					
Video/Audio Input	IP Video Input	16-ch	4-ch	8-ch	16-ch
	Input Bandwidth	80 Mbps	40 Mbps	60 Mbps	60 Mbps
	Audio Input	1-ch	1-ch	1-ch	1-ch
Video/Audio Output	HDMI	1	1	1	1
	VGA	1	1	1	1
	Audio Output	1-ch, RCA	1	1	1
	Outgoing Bandwidth	32 Mbps	64 Mbps	64 Mbps	80 Mbps
	Decoding Capability	16-ch@D1, 8-ch@720P, 4-ch@1080P	16-ch@D1, 8-ch@720P, 4-ch@1080P	16-ch@D1, 8-ch@720P, 4-ch@1080P	16-ch@D1, 8-ch@720P, 4-ch@1080P
Storage	HDD	1 SATA interface	1 SATA interface	1 SATA interface	1 SATA interface
External Interface	Network Interface	1 × RJ-45 100M	1 × RJ-45 100M	1 × RJ-45 100M	1 × RJ-45 100M
	PoE	N/A	4 × PoE+	8 × PoE+	8 × PoE+
	Serial Interface	N/A	N/A	N/A	N/A
	USB Interface	3 × USB2.0	3 × USB2.0	3 × USB2.0	3 × USB2.0
	Alarm I/O	4/1	4/1	4/1	4/1
Other	Power Supply	12V DC, 2A	48V DC, 1.25A	52V DC, 1.8A	52V DC, 1.8A
	Power Consumption	≤5W (without HDD)	≤5W (without HDD)	≤5W (without HDD)	≤5W (without HDD)
	Working Environment	-10°C ~ 55°C, (14°F to 131°F), 10% ~ 90% RH	-10°C ~ 55°C, (14°F to 131°F), 10% ~ 90% RH	-10°C ~ 55°C, (14°F to 131°F), 10% ~ 90% RH	-10°C ~ 55°C, (14°F to 131°F), 10% ~ 90% RH
	Dimensions(H×W×D)	44.0mm × 260.0mm × 240.0mm (1.73" × 10.24" × 9.45")	260mm × 200mm × 43.6mm (10.23" × 7.87" × 1.71")	260mm × 200mm × 43.6mm (10.23" × 7.87" × 1.71")	260mm × 200mm × 43.6mm (10.23" × 7.87" × 1.71")
	Weight(Without HDD)	≤1.1kg	≤0.98kg	≤1.03kg	≤1.03kg



Model		NVR301-04L-P4	NVR301-08L-P8	NVR301-16L-P8	NVR302-08E-P8
Appearance					
Video/Audio Input	IP Video Input	4-ch	8-ch	16-ch	8-ch
	Input Bandwidth	40 Mbps	60 Mbps	60 Mbps	80 Mbps
	Audio Input	1-ch	1-ch	1-ch	1-ch
Video/Audio Output	HDMI	1	1	1	1
	VGA	1	1	1	1
	Audio Output	1	1	1	1
	Outgoing Bandwidth	64 Mbps	64 Mbps	80 Mbps	160 Mbps
	Decoding Capability	16-ch@D1, 8-ch@720P, 4-ch@1080P	16-ch@D1, 8-ch@720P, 4-ch@1080P	16-ch@D1, 8-ch@720P, 4-ch@1080P	8-ch@720P, 8-ch@1080P, 4-ch@8MP
Storage	HDD	1 SATA interface	1 SATA interface	1 SATA interface	2 SATA interfaces
External Interface	Network Interface	1 × RJ-45 100M	1 × RJ-45 100M	1 × RJ-45 100M	1 × RJ-45 1000M
	PoE	4 × PoE+	8 × PoE+	8 × PoE+	8 × PoE+
	Serial Interface	N/A	N/A	N/A	N/A
	USB Interface	2 × USB2.0	2 × USB2.0	2 × USB2.0	1 × USB2.0, 1 × USB3.0
	Alarm I/O	N/A	N/A	N/A	4/1
Other	Power Supply	48V DC, 1.25A	52V DC, 1.8A	52V DC, 1.8A	100 ~ 240V AC
	Power Consumption	≤5W (without HDD)	≤5W (without HDD)	≤5W (without HDD)	≤20W (without HDD)
	Working Environment	-10°C ~ 55°C, (14°F to 131°F), 10% ~ 90% RH	-10°C ~ 55°C, (14°F to 131°F), 10% ~ 90% RH	-10°C ~ 55°C, (14°F to 131°F), 10% ~ 90% RH	-10°C ~ 55°C, (14°F to 131°F), 10% ~ 90% RH
	Dimensions(H×W×D)	205mm × 205mm × 42mm (8.07" × 8.07" × 1.7")	270mm × 205mm × 42mm (10.6" × 8.1" × 1.7")	270mm × 205mm × 42mm (10.6" × 8.1" × 1.7")	380mm × 315mm × 49mm (14.96" × 12.40" × 1.93")
	Weight(Without HDD)	≤0.59kg	≤0.68kg	≤0.68kg	≤2.48kg

Model		NVR302-16E-P8	NVR302-16E-P16	NVR304-16E	NVR304-32E
Appearance					
Video/Audio Input	IP Video Input	16-ch	16-ch	16-ch	32-ch
	Input Bandwidth	160 Mbps	160 Mbps	160 Mbps	320 Mbps
	Audio Input	1-ch	1-ch	1-ch	1-ch
Video/Audio Output	HDMI	1	1	2	2
	VGA	1	1	1	1
	Audio Output	1	1	1	1
	Outgoing Bandwidth	320 Mbps	320 Mbps	320 Mbps	320 Mbps
	Decoding Capability	16-ch@720P, 16-ch@1080P, 4-ch@8MP	16-ch@720P, 16-ch@1080P, 4-ch@8MP	32-ch@720P, 16-ch@1080P, 4-ch@8MP	32-ch@720P, 16-ch@1080P, 4-ch@8MP
Storage	HDD	2 SATA interfaces	2 SATA interfaces	4 SATA interfaces	4 SATA interfaces
External Interface	Network Interface	1 × RJ-45 1000M	1 × RJ-45 1000M	2 × RJ-45 1000M	2 × RJ-45 1000M
	PoE	8 × PoE+	16 × PoE+	N/A	N/A
	Serial Interface	N/A	N/A	1 × RS-485	1 × RS-485
	USB Interface	1 × USB2.0, 1 × USB3.0	1 × USB2.0, 1 × USB3.0	2 × USB2.0, 1 × USB3.0	2 × USB2.0, 1 × USB3.0
	Alarm I/O	4/1	4/1	16/4	16/4
Other	Power Supply	100 ~ 240V AC	100 ~ 240V AC	100 ~ 240V AC	100 ~ 240V AC
	Power Consumption	≤20W (without HDD)	≤20W (without HDD)	≤12W (without HDD)	≤12W (without HDD)
	Working Environment	-10°C ~ 55°C, (14°F to 131°F), 10% ~ 90% RH	-10°C ~ 55°C, (14°F to 131°F), 10% ~ 90% RH	-10°C ~ 55°C, (14°F to 131°F), 10% ~ 90% RH	-10°C ~ 55°C, (14°F to 131°F), 10% ~ 90% RH
	Dimensions(H×W×D)	380mm × 315mm × 49mm (14.96" × 12.40" × 1.93")	380mm × 315mm × 49mm (14.96" × 12.40" × 1.93")	44.0mm × 440.0mm × 344.0mm (1.73" × 17.30" × 13.54")	44.0mm × 440.0mm × 344.0mm (1.73" × 17.30" × 13.54")
	Weight(Without HDD)	≤2.48kg	≤2.48kg	≤3.2kg	≤3.2kg

Model		NVR304-16EP	NVR304-32EP	NVR308-16E	NVR308-32E
Appearance					
Video/Audio Input	IP Video Input	16-ch	32-ch	16-ch	32-ch
	Input Bandwidth	160 Mbps	320 Mbps	160 Mbps	320 Mbps
	Audio Input	1-ch	1-ch	1-ch	1-ch
Video/Audio Output	HDMI	2	2	2	2
	VGA	1	1	1	1
	Audio Output	1	1	1	1
	Outgoing Bandwidth	320 Mbps	320 Mbps	320 Mbps	320 Mbps
	Decoding Capability	32-ch@720P, 16-ch@1080P, 4-ch@8MP	32-ch@720P, 16-ch@1080P, 4-ch@8MP	16-ch@1080P, 4-ch@8MP	32-ch@720P, 16-ch@1080P, 4-ch@8MP
Storage	HDD	4 SATA interfaces	4 SATA interfaces	8 SATA interfaces, 1 eSATA interface	8 SATA interfaces, 1 eSATA interface
External Interface	Network Interface	1 × RJ-45 1000M	1 × RJ-45 1000M	2 × RJ-45 1000M	2 × RJ-45 1000M
	PoE	16 × PoE+	16 × PoE+	N/A	N/A
	Serial Interface	1 × RS-485	1 × RS-485	1 × RS-232, 1 × RS-485	1 × RS-232, 1 × RS-485
	USB Interface	2 × USB 2.0, 1 × USB 3.0	2 × USB 2.0, 1 × USB 3.0	2 × USB 2.0, 1 × USB 3.0	2 × USB 2.0, 1 × USB 3.0
	Alarm I/O	16/4	16/4	16/4	16/4
Other	Power Supply	100 ~ 240V AC	100 ~ 240V AC	100 ~ 240V AC	100 ~ 240V AC
	Power Consumption	≤12W (without HDD)	≤12W (without HDD)	≤20W (without HDD)	≤20W (without HDD)
	Working Environment	-10°C ~ 55°C, (14°F to 131°F), 10% ~ 90% RH	-10°C ~ 55°C, (14°F to 131°F), 10% ~ 90% RH	-10°C ~ 55°C, (14°F to 131°F), 10% ~ 90% RH	-10°C ~ 55°C, (14°F to 131°F), 10% ~ 90% RH
	Dimensions(H×W×D)	86.1mm × 442.0mm × 425.5mm (3.39" × 17.40" × 16.75")	86.1mm × 442.0mm × 425.5mm (3.39" × 17.40" × 16.75")	86.1mm × 442.0mm × 425.5mm (3.39" × 17.40" × 16.75")	86.1mm × 442.0mm × 425.5mm (3.39" × 17.40" × 16.75")
	Weight(Without HDD)	≤5.2kg	≤5.2kg	≤5.2kg	≤5.2kg



Model		NVR308-64E	NVR308-32R	NVR308-64R
Appearance				
Video/Audio Input	IP Video Input	64-ch	32-ch	64-ch
	Input Bandwidth	320 Mbps	320 Mbps	320 Mbps
	Audio Input	1-ch	1-ch	1-ch
Video/Audio Output	HDMI	2	2	2
	VGA	1	1	1
	Audio Output	1	1	1
	Outgoing Bandwidth	320 Mbps	320 Mbps	320 Mbps
	Decoding Capability	64-ch@D1, 32-ch@720P, 16-ch@1080P, 4-ch@8MP	64-ch@D1, 32-ch@720P, 16-ch@1080P, 4-ch@8MP	64-ch@D1, 32-ch@720P, 16-ch@1080P, 4-ch@8MP
Storage	HDD	8 SATA interfaces 1 eSATA interface	8 SATA interfaces 1 eSATA interface	8 SATA interfaces 1 eSATA interface
External Interface	Network Interface	2 × RJ-45 1000M	2 × RJ-45 1000M	2 × RJ-45 1000M
	PoE	N/A	N/A	N/A
	Serial Interface	1 × RS-232, 1 × RS-485	1 × RS-232, 1 × RS-485	1 × RS-232, 1 × RS-485
	USB Interface	2 × USB 2.0, 1 × USB 3.0	2 × USB 2.0, 1 × USB 3.0	2 × USB 2.0, 1 × USB 3.0
	Alarm I/O	16/4	16/4	16/4
	Other	Power Supply	100 ~ 240V AC	100 ~ 240V AC
Power Consumption		≤20W (without HDD)	≤20W (without HDD)	≤20W (without HDD)
Working Environment		-10°C ~ 55°C (14°F to 131°F) 10% ~ 90% RH	-10°C ~ 55°C (14°F to 131°F) 10% ~ 90% RH	-10°C ~ 55°C (14°F to 131°F) 10% ~ 90% RH
Dimensions(H×W×D)		86.1mm × 442.0mm × 425.5mm (3.39" × 17.40" × 16.75")	86.1mm × 442.0mm × 531.0mm (3.39" × 17.40" × 20.91")	86.1mm × 442.0mm × 531.0mm (3.39" × 17.40" × 20.91")
Weight(Without HDD)		≤5.2kg	≤7.8kg	≤7.8kg

5-Series NVR



Model		NVR516-64	NVR516-128
Appearance			
Video/Audio Input	IP Video Input	64-ch	128-ch
	Input Bandwidth	384 Mbps	512 Mbps
	Audio Input	1-ch	1-ch
Video/Audio Output	HDMI	2	2
	VGA	1	1
	Audio Output	1	1
	Outgoing Bandwidth	384 Mbps	384 Mbps
	Decoding Capability	64-ch@D1, 36-ch@720P, 18-ch@1080P, 9-ch@4MP, 4-ch@4K	64-ch@D1, 36-ch@720P, 18-ch@1080P, 9-ch@4MP, 4-ch@4K
Storage	HDD	16 SATA interfaces 1 eSATA interface	16 SATA interfaces 1 eSATA interface
External Interface	Network Interface	4 × RJ-45 1000M 2 × RJ-45 1000M SFP	4 × RJ-45 1000M 2 × RJ-45 1000M SFP
	PoE	N/A	N/A
	Serial Interface	1 × RS-232, 1 × RS-485	1 × RS-232, 1 × RS-485
	USB Interface	4 × USB 3.0	4 × USB 3.0
	Alarm I/O	24/8	24/8
Other	Power Supply	100 ~ 240V AC	100 ~ 240V AC
	Power Consumption	≤50W (without HDD)	≤50W (without HDD)
	Working Environment	-10°C ~ 55°C (14°F to 131°F) 10% ~ 90% RH	-10°C ~ 55°C (14°F to 131°F) 10% ~ 90% RH
	Dimensions(H×W×D)	131.0mm × 482.0mm × 477.0mm (5.16" × 18.98" × 18.78")	131.0mm × 482.0mm × 477.0mm (5.16" × 18.98" × 18.78")
	Weight(Without HDD)	≤14.5kg	≤14.5kg

Model	DEU1008	DEU1016
Appearance		
Video Input	N/A	N/A
Network Interface	N/A	N/A
Expand Interface	1 mini SAS	1 mini SAS
USB Interface	N/A	N/A
RAID	N/A	N/A
Protocol	N/A	N/A
Controller	Single	Single
HDD	8 HDDs	16 HDDs
Reliability	Disk one by one spinup, Overcurrent protection, Overload protection, Redundant, hot-swappable power supplies, battery and fans	Disk one by one spinup, Overcurrent protection, Overload protection, Redundant, hot-swappable power supplies, battery and fans
Power Supply	100 ~ 240 VAC	100 ~ 240 VAC
Consumption	<80W (fully configured)	<100W (fully configured)
Weight	Without HDD: < 8 kg(17.6lb) Fully Configured: < 16 kg(35lb)	Without HDD: < 10 kg(22lb) Fully Configured: < 22 kg(48.5lb)
Dimensions	442.0mm × 530.4mm × 86.1mm (17.4" × 20.88" × 3.39")	481.6mm × 477.1mm × 130.5mm (18.96" × 18.78" × 5.14")



Model	VX1616-C	VX1624-C	VX1636-C	VX1600
Appearance				
Video Input	256 / 2M	320 / 2M	320 / 2M	512 / 2M
Front-end Service Interface	3 10 / 100 / 1000 Mbps Ethernet interface 4 10 / 100 / 1000 Mbps Ethernet interface (Optional) 2 10 GE SFP+ (Optional) 4 10 GE SFP+ (Optional)	3 10 / 100 / 1000 Mbps Ethernet interface 4 10 / 100 / 1000 Mbps Ethernet interface (Optional) 2 10 GE SFP+ (Optional) 4 10 GE SFP+ (Optional)	3 10 / 100 / 1000 Mbps Ethernet interface 4 10 / 100 / 1000 Mbps Ethernet interface (Optional) 2 10 GE SFP+ (Optional) 4 10 GE SFP+ (Optional)	2 10/100/1000 Mbps Ethernet interface 4 port 10/100/1000 Mbps Ethernet interface module(optional) 2 port 10 GE SFP+ interface module(optional) 4 port 10 GE SFP+ interface module(optional)
Back-end Expansion Interface	N/A	N/A	N/A	2 × 24 Gbps Mini SAS HD
RAID	JBOD and RAID 0, 1, 5, 6 Dedicated hot-spare disk and global hot-spare disk	JBOD and RAID 0, 1, 5, 6 Dedicated hot-spare disk and global hot-spare disk	JBOD and RAID 0, 1, 5, 6 Dedicated hot-spare disk and global hot-spare disk	JBOD and RAID 0, 1, 10, 5, 50, 6 Dedicated hot-spare disk and global hot-spare disk
Protocol	iSCSI	iSCSI	iSCSI	iSCSI, NFS(V2, V3, V4), CIFS/SMB, FTP
Controller	Intel 64-bit multi-core processor	Intel 64-bit multi-core processor	Intel 64-bit multi-core processor	Intel 64-bit multi-core processor
HDD	16 SATA interfaces	24 SATA interfaces	36 SATA interfaces	24 SATA interfaces
Power Supply	1+1 Redundant	1+1 Redundant	1+1 Redundant	1+1 Redundant
Consumption	Controller enclosure: < 200 W(fully configured)	Controller enclosure: < 280 W(fully configured)	Controller enclosure: < 310 W(fully configured)	Controller enclosure: < 450(fully configured)
Weight	Controller enclosure: Fully configured: < 24 kg	Controller enclosure: Fully configured: < 32 kg	Controller enclosure: Fully configured: < 44 kg	Controller enclosure: Fully configured: < 43 kg
Dimensions (H ×W×D)	Controller enclosure: 131.0mm × 481.6mm × 583.0mm	Controller enclosure: 175.0mm × 481.6mm × 583.0mm	Controller enclosure: 175.0mm × 481.6mm × 583.0mm	Controller enclosure: 175.0mm × 481.6mm × 589.0mm

Model	VX1636	VX1816	VX1824	VX1836
Appearance				
Video Input	512 / 2M	768 / 2M	768 / 2M	768 / 2M
Front-end Service Interface	4 10/100/1000 Mbps Ethernet interface 4 port 10/100/1000 Mbps Ethernet interface module(optional) 2 port 10 GE SFP+ interface module(optional) 4 port 10 GE SFP+ interface module(optional)	3 10/100/1000 Mbps Ethernet interface	3 10/100/1000 Mbps Ethernet interface 4 port 10/100/1000 Mbps Ethernet interface module(optional) 2 port 10 GE SFP+ interface module(optional) 4 port 10 GE SFP+ interface module(optional)	5 10/100/1000 Mbps Ethernet interface 4 port 10/100/1000 Mbps Ethernet interface module(optional) 2 port 10 GE SFP+ interface module(optional) 4 port 10 GE SFP+ interface module(optional)
Back-end Expansion Interface	2 × 24 Gbps Mini SAS HD	2 × 48 Gbps Mini SAS HD	2 × 48 Gbps Mini SAS HD	2 × 48 Gbps Mini SAS HD
RAID	JBOD and RAID 0, 1, 10, 5, 50, 6 Dedicated hot-spare disk and global hot-spare disk	JBOD and RAID 0, 1, 10, 5, 50, 6 Dedicated hot-spare disk and global hot-spare disk	JBOD and RAID 0, 1, 10, 5, 50, 6 Dedicated hot-spare disk and global hot-spare disk	JBOD and RAID 0, 1, 10, 5, 50, 6 Dedicated hot-spare disk and global hot-spare disk
Protocol	iSCSI, NFS(V2, V3, V4), CIFS/SMB, FTP	iSCSI, NFS(V2, V3, V4), CIFS/SMB, FTP	iSCSI, NFS(V2, V3, V4), CIFS/SMB, FTP	iSCSI, NFS(V2, V3, V4), CIFS/SMB, FTP
Controller	Intel 64-bit multi-core processor	Intel 64-bit multi-core processor	Intel 64-bit multi-core processor	Intel 64-bit multi-core processor
HDD	36 SATA interfaces	16 SATA interfaces	24 SATA interfaces	36 SATA interfaces
Power Supply	1+1 Redundant	1+1 Redundant	1+1 Redundant	1+1 Redundant
Consumption	Controller enclosure: < 550 W(fully configured)	Controller enclosure: < 320 W(fully configured)	Controller enclosure: < 450 W(fully configured)	Controller enclosure: < 550 W(fully configured)
Weight	Controller enclosure: Fully configured: < 50 kg	Controller enclosure: Fully configured: < 33 kg	Controller enclosure: Fully configured: < 43 kg	Controller enclosure: Fully configured: < 50 kg
Dimensions (H ×W×D)	Controller enclosure: 175.0mm × 481.6mm × 583.0mm	Controller enclosure: 131mm × 481.6mm × 589mm	Controller enclosure: 175.0mm × 481.6mm × 589.0mm	Controller enclosure: 175.0mm × 481.6mm × 583.0mm

ENCODER

Model	DVS4104	DVS4116
Appearance		
Analog Camera	4	16
Video Compression Standard	H.264	H.264
Resolution	960H, D1, 4CIF, 2CIF, CIF	960H, D1, 4CIF, 2CIF, CIF
Video Bit Rate	128Kbps-8Mbps	128Kbps-8Mbps
Dual-Stream	H.264 960H + H.264 CIF	H.264 960H + H.264 CIF
Video Input	4 × BNC	16 × BNC
Video Output	N/A	N/A
Audio Compression Standard	G.711 μ	G.711 μ
Audio Input	4	16
Audio Output	1	1
Serial Interface	1 × RS232 Serial Interface 2 × RS485 Serial Interfaces	1 × RS232 Serial Interface 1 × RS485 Serial Interface
Alarm I/O	4/2	8/2
Network Interface	2 × 10/100 Base-T 2 × 1000Base-FX (SFP) (optional)	1 × 10/100/1000Base-T
USB Interface	1	1
Dimensions(H×W×D)	40.0mm × 188.6mm × 250.0mm (1.57" × 7.43" × 9.84")	43.6mm × 482.6mm × 240.0mm (1.72" × 19.00" × 9.45")
Weight	<1.5kg	<3kg
Working Environment	-10°C ~ 55°C (14°F to 131°F), 10% ~ 90% RH	-10°C ~ 55°C (14°F to 131°F), 10% ~ 90% RH
Power Supply	12V, DC	100V ~ 240V AC
Consumption	10W	20W

DECODER

Model	DC4304	DC4308
Appearance		
Video Out	4 × DVI-I, compatible with HDMI/DVI-D/VGA/YPbPr/RGBHV port	8 × DVI-I, compatible with HDMI/DVI-D/VGA/YPbPr/RGBHV port
Video Input Interface	1 × VGA, 1 × DVI-D	1 × VGA, 1 × DVI-D
Video Output Resolution	1024*768/60HZ, 1280*720/60HZ 1280*1024/60HZ, 1360*768/60HZ 1400*1050/60HZ, 1600*1200/60HZ 1920*1080P/50Hz, 1920*1080P/60Hz	1024*768/60HZ, 1280*720/60HZ 1280*1024/60HZ, 1360*768/60HZ 1400*1050/60HZ, 1600*1200/60HZ 1920*1080P/50Hz, 1920*1080P/60Hz
Video Compression Standard	H.264	H.264
Net-Stream Resolution	1080P, 1080I, 960P, 720P, D1, 4CIF, 2CIF, CIF	1080P, 1080I, 960P, 720P, D1, 4CIF, 2CIF, CIF
Split Screen	1/3/4/7/9/16	1/3/4/7/9/16
Decoder Performance	36 × D1 or 8 × 1080P@30	72 × D1 or 16 × 1080P@30
Video Wall	1*2, 2*2	1*2, 2*2, 2*3, 2*4
Audio Compression Standard	G.711 μ	G.711 μ
Audio Input	1 × Analog audio input interface	1 × Analog audio input interface
Audio Output	4 × Analog audio output	8 × Analog audio output
Serial Interface	1 × RS232 Serial Interface 1 × RS485 Serial Interface	1 × RS232 Serial Interface 1 × RS485 Serial Interface
Alarm I/O	8/6	8/6
Network Interface	2 × 10/100/1000Base-T	2 × 10/100/1000Base-T
USB Interface	N/A	N/A
Dimensions(H×W×D)	43.6mm × 440.0mm × 320.0mm (1.72" × 17.32" × 12.60"), 1U	43.6mm × 440.0mm × 320.0mm (1.72" × 17.32" × 12.60"), 1U
Weight	<4kg	<4kg
Working Environment	-10°C ~ 55°C (14°F to 131°F), 10% ~ 90% RH	-10°C ~ 55°C (14°F to 131°F), 10% ~ 90% RH
Power Supply	100V ~ 240V AC	100V ~ 240V AC
Consumption	50W	70W