

# PRODUCT GUIDE 2017

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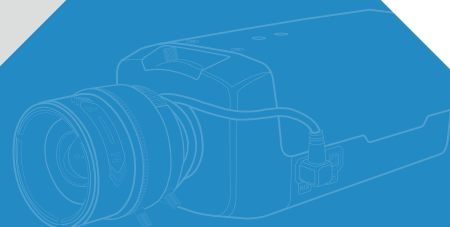
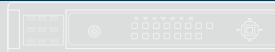
## Aiming to excellence

Uniview is the pioneer and leader of IP video surveillance. Firstly introduced IP video surveillance to China, Uniview now is the third largest player in video surveillance in China. In 2015, Uniview has the 8th largest global market share.

Uniview has complete IP video surveillance product lines including IP cameras, NVR, Encoder, Decoder, Storage, IP SAN and switch, covering a diverse vertical markets including retail, building, industry, education, commercial, city surveillance etc.

Our aim is to become a global leader in video surveillance industry which endeavors to build a safer world by providing professional, reliable and cutting-edge products and services.

# ABOUT US



## Vision

To become a global leader in video surveillance industry

## Product Line

Network camera, NVR, encoder & decoder, all-in-one VMS server, IP SAN, switch



## H.265

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



## Smart

Uniview has 6 smart functions in H.265 IP camera series, including face detection, intrusion, crossing line, people counting, defocus detection and scene change detection.



## 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.



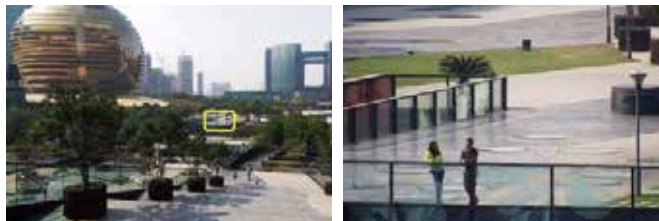
## eMMC

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



## 4K

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



## 44X

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





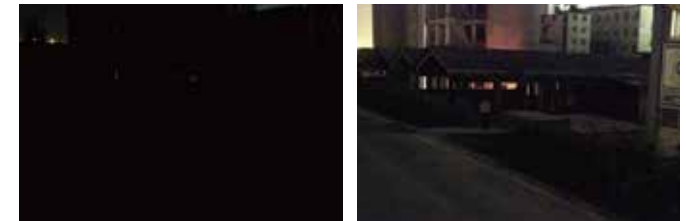
## 120dB WDR

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.



## Starlight

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



## Fisheye

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



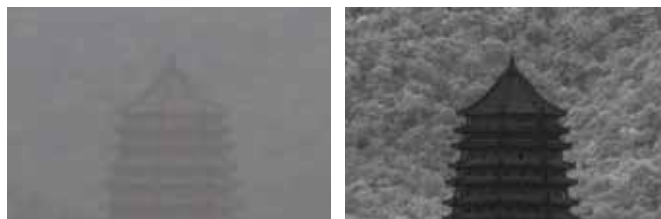
## IP67

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



## Optical Defog

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



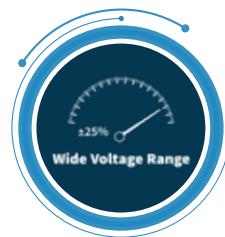
## 1+1 Share Mode

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.



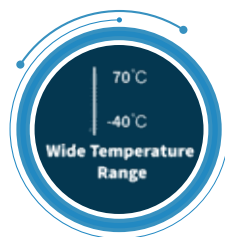
## PIR

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



## 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.



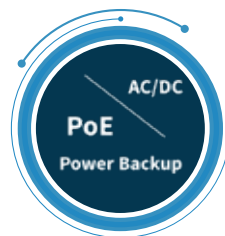
## Wide Temperature Range

Uniview' s cameras can function well under  $-40^{\circ}\text{C} \sim 70^{\circ}\text{C}$ , adapting to all harsh environment 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.

# NETWORK BOX CAMERA


Model	IPC542E-DLC-C	IPC562E-DUG	IPC568E-G
Appearance			
Product Series	Low-light	Starlight	Low-light
Sensor	1/2.9" / 2MP / CMOS	1/1.9" / 2MP / CMOS	1/1.7" / 12MP / CMOS
Wide Dynamic Range	120 dB	120 dB	Digital WDR
Motor Zoom/Focus	√	√	√
Video Compression	H.265, H.264, MJPEG	H.265, H.264, MJPEG	H.265, H.264, MJPEG
Smart Function	√	√	√
Frame Rate	1920 × 1080 30fps	1920 × 1080 60fps	4000 × 3000 20fps, 3840 × 2160 25fps
Defog	Digital defog	Optical defog & digital defog	Optical defog & digital defog
ABF	N/A	√	N/A
ROI(Region of Interest)	√	√	√
9:16 Corridor Mode	√	√	√
Video Streaming	Triple streams	Triple streams	Triple streams
Privacy Mask	√	√	√
Audio I/O	1 / 1	1 / 1	1 / 1
Alarm I/O	2 / 1	2 / 1	2 / 1
Edge Storage	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
Optical Interface	N/A	100M/1000M SFP	100M/1000M SFP
Reset Button	√	√	√
Power	AC 24V ±10%, DC 12V ±10% PoE(IEEE802.3af)	AC 24V ±25%, DC 12V ±25% PoE(IEEE802.3af)	AC 24V ±25%, DC 12V ±25% PoE(IEEE802.3af)
Working Environment	-20 C ~ 60 C (-4°F ~ 140°F)	-20 C ~ 60 C (-4°F ~ 140°F)	-20 C ~ 60 C (-4°F ~ 140°F)
Weight	0.48kg(1.1lb)	0.48kg(1.1lb)	0.48kg(1.1lb)
Power Consumption	Max 6.8W	Max 6.8W	Max 9.5W
Dimensions(L x W x H)	151.5mmx71mm x65mm (6.0" x 2.8" x 2.6")	151.5mmx71mm x65mm(6.0" x 2.8" x 2.6")	151.5mmx71mm x65mm(6.0" x 2.8" x 2.6")




# NETWORK BULLET CAMERA

Model	IPC2121SR3-PF36(60)(120)	IPC2122SR3-PF40(60)-C	IPC2122SR3-UPF40(60)-C	IPC2124SR3-DPF36(60)(120)	IPC2124SR3-DPF36 (60)-16G	IPC2222SR5-UPF40(60)-B
Appearance						
Product Series	Low-light	Low-light	Starlight	Low-light	Low-light	Starlight
Sensor	1/3" /1.3MP /CMOS	1/2.9" /2MP /CMOS	1/2.9" /2MP /CMOS	1/3" /4MP /CMOS	1/3" /4MP /CMOS	1/2.9" / 2MP / CMOS
Wide Dynamic Range	Digital WDR	Digital WDR	Digital WDR	120dB	120dB	Digital WDR
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: 4mm, 6mm, Iris: F1.8 Angle of view: 76.6°/51.6°	Focus: 4mm, 6mm, Iris: F1.6 Angle of view: 76.6°/51.6°	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°	Focus: 4mm, 6mm, Iris: F1.6 Angle of view: 76.6°/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)	Up to 50m (164 ft)
Video Compression	H.264, MJPEG	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	N/A	√	√	√	√	√
Frame Rate	1280×960 30fps	1920 × 1080 30fps	1920 × 1080 30fps	2592×1520 20fps, 2560×1440 25fps	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	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	Built-in 16 GB eMMC	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	N/A	N/A	N/A
Reset Button	√	√	√	√	√	N/A
Power	DC 12V ±25%, PoE(IEEE 802.3af)	DC12V ± 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 ~ 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)	-35°C ~ 60°C (-31°F ~ 140°F)	-35°C ~ 60°C (-31°F ~ 140°F)
Ingress Protection	IP66	IP66	IP66	IP66	IP66	IP66
Weight	0.45 kg (0.99 lb)	0.45 kg (0.99 lb)	0.45 kg (0.99 lb)	0.45 kg (0.99 lb)	0.45 kg (0.99 lb)	0.58kg (1.28lb)
Power Consumption	Max 6.4W	Max 6.4W	Max 6.4W	Max 6.4W	Max 6.4W	Max 9W
Dimensions(L × W × H)	157.3 × 62.4 × 63 mm(6.2" × 2.5" × 2.5")	157.3 × 62.4 × 63 mm(6.2" × 2.5" × 2.5")	157.3 × 62.4 × 63 mm(6.2" × 2.5" × 2.5")	157.3 × 62.4 × 63 mm(6.2" × 2.5" × 2.5")	157.3 × 62.4 × 63 mm(6.2" × 2.5" × 2.5")	253.4 × 86 × 71.7 mm (9.98" × 3.4" × 2.8")









Model	IPC2224SR5-DPF40(60)-B	IPC2322EBR-P-C	IPC2322EBR-DPZ28-C	IPC2324EBR-DP	IPC2324EBR-DPZ28
Appearance					
Product Series	Low-light	Low-light	Low-light	Low-light	Low-light
Sensor	1/3" / 4MP / CMOS	1/2.9" / 2MP / CMOS	1/2.9" / 2MP / CMOS	1/3" / 4MP / CMOS	1/3" / 4MP / CMOS
Wide Dynamic Range	120dB	Digital WDR	120dB	120dB	120dB
Zoom	Fixed	Manual	Motorized	Manual	Motorized
Lens	Focus: 4mm, 6mm, Iris: F2.2 Angle of view: 73.7°/49.4°	Focus: 2.8 ~ 12mm, Iris: F1.4 Angle of view: 90° ~ 28°	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: 2.8 ~ 12mm, Iris: F1.4 Angle of view: 95° ~ 29°
IR	Up to 50m (164 ft)	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	H.265, H.264, MJPEG
Smart Function	√	√	√	√	√
Frame Rate	2592x1520 20fps, 2560x1440 25fps	1920 × 1080 30fps	1920 × 1080 30fps	2592x1520 20fps, 2560x1440 25fps	2592x1520 20fps, 2560x1440 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	1 / 1	1 / 1	1 / 1	1 / 1
Alarm I/O	N/A	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	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	DC12V ± 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 ~ 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)	-35 °C ~ 60 °C (-31°F ~ 140°F)
Ingress Protection	IP66	IP66	IP66	IP66	IP66
Weight	0.58kg (1.28lb)	0.58kg (1.28lb)	0.58kg (1.28lb)	0.58kg (1.28lb)	0.58kg (1.28lb)
Power Consumption	Max 9W	Max 9W	Max 9W	Max 9W	Max 9W
Dimensions(L × W × H)	253.4 ×86 ×71.7 mm(9.98" × 3.4" × 2.8")	253.4 ×86 ×71.7 mm(9.98" × 3.4" × 2.8")	253.4 ×86 ×71.7 mm(9.98" × 3.4" × 2.8")	253.4 ×86 ×71.7 mm(9.98" × 3.4" × 2.8")	253.4 ×86 ×71.7 mm(9.98" × 3.4" × 2.8")






Model	IPC262ER9-DUZ	IPC262EFW-DUZ	IPC262ER9-X10DU	IPC268ER9-DZ
Appearance				
Product Series	Starlight	Starlight	Starlight	Low-light
Sensor	1/2.8" /2MP /CMOS	1/2.8" /2MP /CMOS	1/2.8" /2MP /CMOS	1/2.5" /8MP /CMOS
Wide Dynamic Range	120dB	120dB	120dB	120dB
Zoom	4X optical zoom	4X optical zoom	10X optical zoom	4X optical zoom
Lens	Focus: 2.8~12mm, Iris: F1.6, Angle of view: 97°~35°	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°
IR	Up to 100m (328 ft)	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)
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	1920×1080 30fps	1920×1080 30fps	3840×2160 30fps, 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	2 / 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
Network Interface	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
Reset Button	√	√	√	√
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)	AC 24V ±25%, DC 12V ±25% PoE (IEEE802.3at)
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	IP67	IP67	IP67	IP67
Weight	1.65kg(3.6lb)	1.65kg(3.6lb)	1.65kg(3.6lb)	1.65kg(3.6lb)
Power Consumption	Max 13.7W	Max 13.7W	Max 13.7W	Max 13.7W
Dimensions(L × W × H)	305.5 × 104.1 × 97.3mm(12.0" × 4.1" × 3.8")	305.5 × 104.1 × 97.3mm(12.0" × 4.1" × 3.8")	305.5 × 104.1 × 97.3mm(12.0" × 4.1" × 3.8")	305.5 × 104.1 × 97.3mm(12.0" × 4.1" × 3.8")






Model	IPC252ERA-X22DUG	IPC742SR9-PZ30-32G	IPC744SR5-PF40(60)-32G
Appearance			
Product Series	Starlight	Low-light	Low-light
Sensor	1/1.9" /2MP /CMOS	1/2.8" /2MP /CMOS	1/3" /4MP /CMOS
Wide Dynamic Range	120dB	Digital WDR	Digital WDR
Zoom	22X optical zoom	2X optical zoom 16X digital zoom	Fixed
Lens	Focus: 6.5~143mm, Iris: F1.5~F3.4, Angle of view: 59°~3°	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	Up to 150m (492 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
Smart Function	√	√	√
Frame Rate	1920×1080 60fps	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
Privacy Mask	√	√	√
Audio I/O	1 / 1	1 / 1	1 / 1
Alarm I/O	2 / 1	2 / 1	2 / 1
Edge Storage	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
Optical Interface	100M/1000M SFP	N/A	N/A
Reset Button	√	N/A	N/A
Power	AC 24V ±25%	DC 12V ±25% PoE(IEEE 802.3at)	DC 12V ±25% PoE(IEEE 802.3at)
Working Environment	-40°C ~ 60°C (-40°F ~ 140°F)	-35°C ~ 60°C (-31°F ~ 140°F)	-35°C ~ 60°C (-31°F ~ 140°F)
Ingress Protection	IP67	IP66	IP66
Weight	3.7kg(8.2lb)	1.16kg(2.6lb)	1.16kg(2.6lb)
Power Consumption	Max 21W	Max 17.23W	Max 17.23W
Dimensions(L × W × H)	396.5 x 137 x112 mm(15.6" x 5.4" x 4.4")	357 x 106 x194 mm(14.1" x 4.2" x 7.7")	357 x 106 x194 mm(14.1" x 4.2" x 7.7")





# NETWORK DOME CAMERA

Model	IPC321SR3-VSPF28(40)(60)	IPC322ER3-DVPF28(40)-C	IPC322SR3-VSPF28(40)-C	IPC322ER3-DUVPF28(40)-C	IPC324ER3-DVPF28(36)(60)
Appearance					
Product Series	Low-light / 3-Axis	Low-light / 3-Axis	Low-light / 2-Axis	Starlight / 3-Axis	Low-light / 3-Axis
Sensor	1/3" / 1.3MP / CMOS	1/2.9" / 2MP / CMOS	1/2.9" / 2MP / CMOS	1/2.9" / 2MP / CMOS	1/3" / 4MP / CMOS
Wide Dynamic Range	Digital WDR	120dB	Digital WDR	120dB	120dB
Zoom	Fixed	Fixed	Fixed	Fixed	Fixed
Lens	Focus: 2.8mm, 4mm, 6 mm, Iris: F2.1 Angle of view (H): 105.2°/76.6°/51.5°	Focus: 2.8mm, 4.0mm, Iris: F2.0 Angle of view (H): 105.2°/79.7°	Focus: 2.8mm, 4mm, Iris: F1.6 Angle of view (H): 105.2°/79.7°	Focus: 2.8mm, 4mm, Iris: F1.6 Angle of view (H): 105.2°/76.6°	Focus: 2.8mm, 3.6mm, 6mm, Iris: F2.0 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.265, H.264, MJPEG	H.265, H.264, MJPEG	H.265, H.264, MJPEG	H.265, H.264, MJPEG
Smart Function	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)	N/A	2 / 1 (Stereo)	2 / 1 (Stereo)
Alarm I/O	N/A	1 / 1	N/A	1 / 1	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(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 ~ 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)	-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(Φ x H)	Φ108.5 x 81 mm (Ø4.28" x 3.2")	Φ108.5 x 81 mm (Ø4.28" x 3.2")	Φ108.5 x 81 mm (Ø4.28" x 3.2")	Φ108.5 x 81 mm (Ø4.28" x 3.2")	Φ108.5 x 81 mm (Ø4.28" x 3.2")

Model	IPC3611SR3-PF28(36)(60)	IPC3612ER3-PF28(40)-C	IPC3612ER3-PF28(40)M-C	IPC3614SR3-DPF28(36)(60)	IPC3614SR3-DPF28(36)(60)M
Appearance					
Product Series	Low-light	Low-light	Low-light	Low-light	Low-light
Sensor	1/3" / 1.3MP / CMOS	1/2.9" / 2MP / CMOS	1/2.9" / 2MP / CMOS	1/3" / 4MP / CMOS	1/3" / 4MP / CMOS
Wide Dynamic Range	Digital WDR	Digital WDR	Digital WDR	120dB	120dB
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, 4mm, Iris: F1.8 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°	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 30 m (98 ft)	Up to 30 m (98 ft)	Up to 30m (98 ft)	Up to 30m (98 ft)
Video Compression	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	√	√	√	√
Frame Rate	1280 × 960 30fps	1920 × 1080 30fps	1920 × 1080 30fps	2592×1520 20fps, 2560×1440 25fps	2592×1520 20fps, 2560×1440 25fps
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(IEEE 802.3af)	DC12V±25%, PoE(IEEE 802.3af)	DC12V±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 ~ 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)	-35 C ~ 60 C (-31°F ~ 140°F)
Ingress Protection	IP66	IP66	IP66	IP66	IP66
Vandal Resistant	N/A	N/A	N/A	N/A	N/A
Weight	0.33 kg (0.73 lb)	0.33 kg (0.73 lb)	0.45 kg (0.99 lb)	0.33 kg (0.73 lb)	0.45 kg (0.99 lb)
Power Consumption	Max 5.5W	Max 5.5W	Max 5.5W	Max 5.5W	Max 5.5W
Dimensions(Φ x H)	Φ 126 x 94 mm (Φ 5.0" x 3.7")	Φ 126 x 94 mm (Φ 5.0" x 3.7")	Φ 126 x 94 mm (Φ 5.0" x 3.7")	Φ 126 x 94 mm (Φ 5.0" x 3.7")	Φ 126 x 94 mm (Φ 5.0" x 3.7")







Model	IPC3632ER3-DPZ28-C	IPC3634ER3-DPZ28	IPC312SR-VPF28(36)	IPC314SR-DVPPF28(36)	IPC3232ER-VS-C
Appearance					
Product Series	Low-light	Low-light	Low-light	Low-light	Low-light
Sensor	1/2.9" / 2MP / CMOS	1/3" / 2MP / CMOS	1/2.8"/2MP/CMOS	1/3"/4MP/CMOS	1/2.9"/2MP/CMOS
Wide Dynamic Range	120dB	120dB	Digital WDR	120dB	Digital WDR
Zoom	Motorized	Motorized	Fixed	Fixed	Manual
Lens	Focus:2.7~12mm, Iris:F1.4 Angle of View (H):100.0°~30°	Focus:2.7~12mm, Iris:F1.4 Angle of View (H):100.0°~30°	Focus: 2.8mm, 3.6mm, Iris: F2.0 Angle of view (H): 105.2°/79.7°	Focus: 2.8mm, 3.6mm, Iris: F2.0 Angle of view (H): 101.8°/76.8°	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 15m (49 ft)	Up to 15m (49 ft)	Up to 30m (98 ft)
Video Compression	H.265,H.264,MJPEG	H.265,H.264,MJPEG	H.264, MJPEG	H.265, H.264, MJPEG	H.265, H.264, MJPEG
Smart Function	√	√	N/A	√	√
Frame Rate	1920 × 1080 30fps	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	Triple streams
Privacy Mask	√	√	√	√	√
Audio I/O	N/A	N/A	1 / 1 and 1 built-in MicroPhone	1 / 1 and 1 built-in MicroPhone	N/A
Alarm I/O	N/A	N/A	N/A	N/A	N/A
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
Reset Button	√	√	N/A	N/A	√
Power	DC12V±25%, PoE(IEEE 802.3af)	DC12V±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	-40°C ~ 60°C (-40°F ~ 140°F)	-40°C ~ 60°C (-40°F ~ 140°F)	-35°C ~ 60°C (-31°F ~ 140°F)	-35°C ~ 60°C (-31°F ~ 140°F)	-40°C ~ 60°C (-40°F ~ 140°F)
Ingress Protection	IP66	IP66	IP66	IP66	IP66
Vandal Resistant	N/A	N/A	IK10	IK10	IK10
Weight	0.67 kg (1.48lb)	0.67 kg (1.48lb)	0.25 kg (0.55 lb)	0.25 kg (0.55 lb)	0.75 kg (1.7 lb)
Power Consumption	Max 8.16W	Max 8.16W	Max 5W	Max 5.5W	Max 7.2W
Dimensions(Φ x H)	Φ129 x 110 mm (Ø5.08" x 4.3")	Φ129 x 110 mm (Ø5.08" x 4.3")	Φ 110 x 61 mm (Φ4.3" x 2.4")	Φ 110 x 61mm (Φ4.3" x 2.4")	Φ148 x 111.3 mm (Ø5.8" x 4.4")



Model	IPC3232ER-DV-C	IPC3232ER3-DVZ28-C	IPC3234SR-DV	IPC3234SR3-DVZ28	IPC3232ER3-DUV
Appearance					
Product Series	Low-light	Low-light	Low-light	Low-light	Starlight
Sensor	1/2.9"/2MP/CMOS	1/2.9"/2MP/CMOS	1/3"/4MP/CMOS	1/3"/4MP/CMOS	1/2.8"/2MP/CMOS
Wide Dynamic Range	120dB	120dB	120dB	120dB	120dB
Zoom	Manual	Motorized	Manual	Motorized	Manual
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): 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): 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)	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	H.265, H.264, MJPEG
Smart Function	√	√	√	√	√
Frame Rate	1920 × 1080 30fps	1920 × 1080 30fps	2592 × 1520 20fps, 2560 × 1440 25fps	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	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	1 / 1	1 / 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
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)
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)	-40°C ~ 60°C (-40°F ~ 140°F)
Ingress Protection	IP66	IP66	IP66	IP66	IP66
Vandal Resistant	IK10	IK10	IK10	IK10	IK10
Weight	0.75 kg (1.7 lb)	0.75 kg (1.7 lb)	0.75 kg (1.7 lb)	0.75 kg (1.7 lb)	0.75 kg (1.7 lb)
Power Consumption	Max 7.2W	Max 7.2W	Max 7.2W	Max 7.2W	Max 7.2W
Dimensions(Φ x H)	Φ148 x 111.3 mm (Φ5.8" x 4.4")	Φ148 x 111.3 mm (Φ5.8" x 4.4")	Φ148 x 111.3 mm(Φ5.8" x 4.4")	Φ148 x 111.3 mm(Φ5.8" x 4.4")	Φ148 x 111.3 mm(Φ5.8" x 4.4")

Model	IPC3232ER3-DUVZ	IPC3238ER3-DVZ	IPC814SR-DVSPF16	IPC814SR-DVPPF16	IPC868ER-VF18-B
Appearance					
Product Series	Starlight	Low-light	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	1/1.7"/12MP/CMOS
Wide Dynamic Range	120dB	120dB	120dB	120dB	Digital WDR
Zoom	4X optical zoom	4X optical zoom	Fixed	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°	Focus: 1.8mm, Iris: F1.6 Angle of view (H): 360°
IR	Up to 30m (98 ft)	Up to 30m (98 ft)	Up to 10m (33 ft)	Up to 10m (33 ft)	Up to 20 m (65 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	√	√	√	N/A	N/A
Frame Rate	1920 × 1080 30fps	3840×2160 30fps, 1920×1080 30fps	2560 × 1440 25fps	2560 × 1440 25fps	4000 × 3000 20fps, 3008 × 3000 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)	Six Streams(1 fisheye view, 1 panoramic view, 4 PTZ View)
Privacy Mask	√	√	√	√	√
Audio I/O	1 / 1	1 / 1	N/A	1 / 1 and 1 built-in OmnidirectionalMicroPhone	1 / 1 and 1 built-in MicroPhone, 1 built-in Speaker
Alarm I/O	1 / 1	1 / 1	N/A	1 / 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
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)	DC12V±25%, PoE(IEEE 802.3af)
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)	-35°C ~ +60°C (-31°F ~ 140°F)
Ingress Protection	IP66	IP66	IP66	IP66	IP66
Vandal Resistant	IK10	IK10	IK10	IK10	IK10
Weight	0.75 kg (1.7 lb)	0.75 kg (1.7 lb)	0.39kg(0.86lb)	0.39kg(0.86lb)	0.5kg(1.1lb)
Power Consumption	Max 7.2W	Max 8.7W	Max 11W	Max 11W	max.21 W
Dimensions(Φ x H)	Φ148 x 111.3 mm(Φ5.8" x 4.4")	Φ148 x 111.3 mm(Φ5.8" x 4.4")	Φ125x 43.7 mm(Φ4.9" x 1.7")	Φ125x 43.7 mm (Φ4.9" x 1.7")	Φ149mmx51.5mm (Φ5.9" x 2.0")

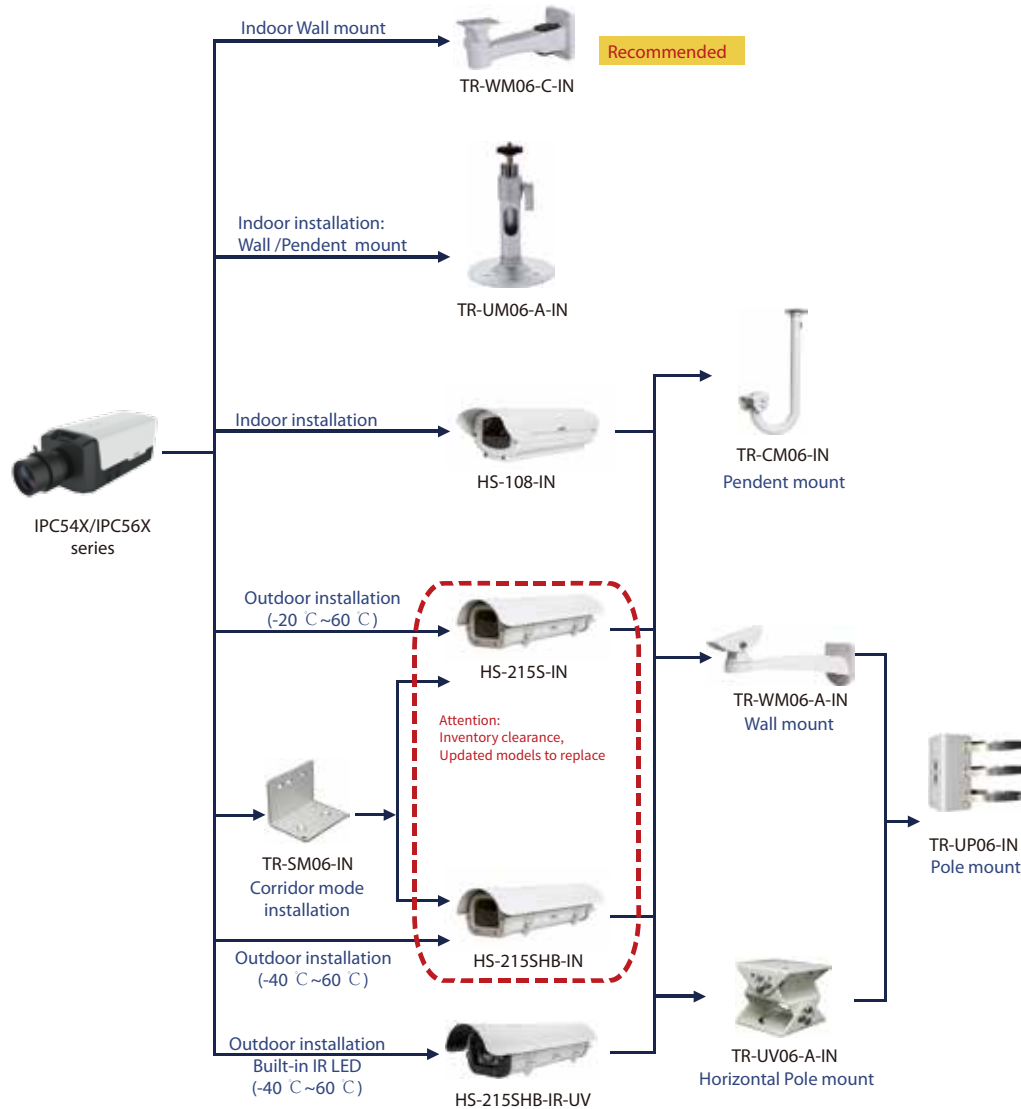


# NETWORK PTZ DOME CAMERA

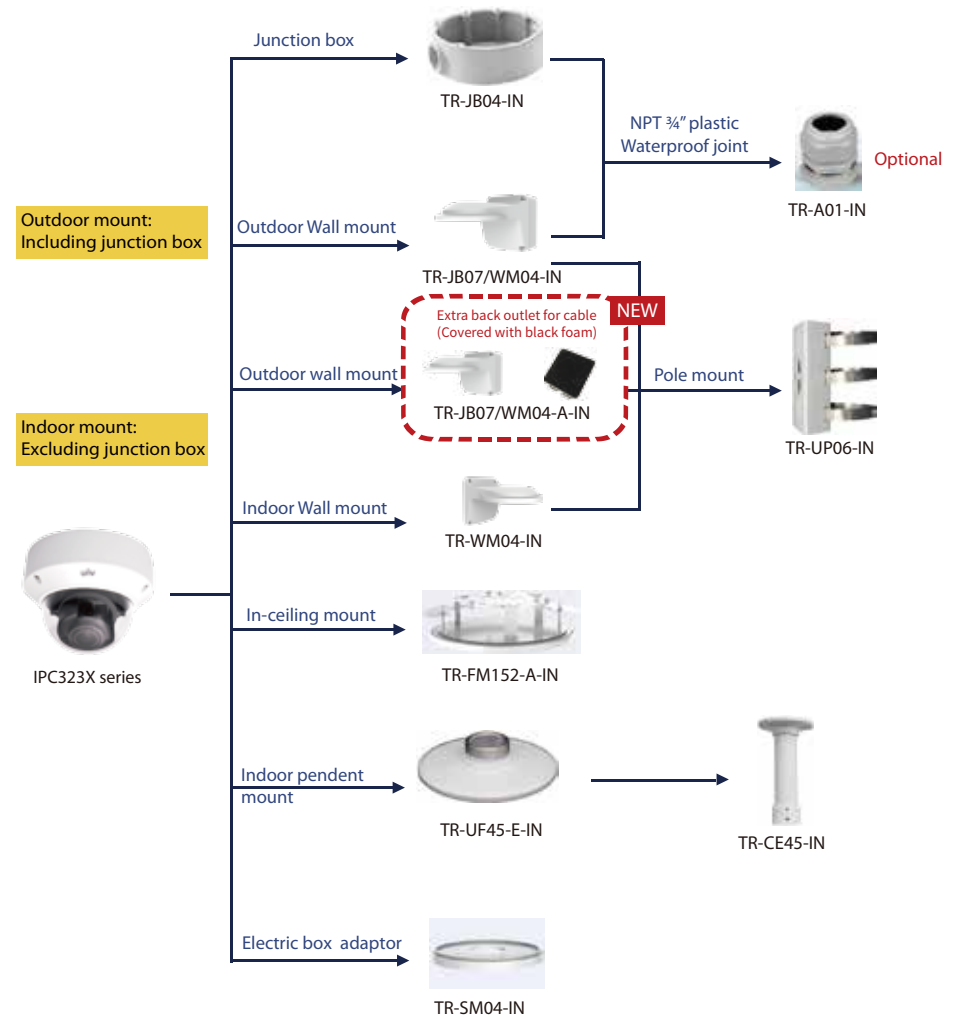
Model	IPC6222ER-X20(P)-B	IPC6222ER-X30(P)-B	IPC6222EI-X22UP-C	IPC6252SR-X22U	IPC6252SR-X22UG	IPC6252SR-X33U
Appearance						
Product Series	Low-light	Low-light	Starlight	Starlight	Starlight	Starlight
Sensor	1/3" / 2MP / CMOS	1/3" / 2MP / CMOS	1/2.8" / 2MP / CMOS	1/1.9" / 2MP / CMOS	1/1.9" / 2MP / CMOS	1/2.8" / 2MP / CMOS
Lens	Focus: 5.2~104 mm, Iris: F1.5~F3.0 Angle of view (H): 61.9°~3.5°	Focus: 4.5~135 mm, Iris: F1.6~F4.4 Angle of view (H): 62.9°~2.3°	Focus: 5.2~114.4 mm, Iris: F1.5~F3.0 Angle of view (H): 55.8°~3.2°	Focus: 6.5~143 mm, Iris: F1.5~F3.4 Angle of view (H): 70°~3.76°	Focus: 6.5~143 mm, Iris: F1.5~F3.4 Angle of view (H): 70°~3.76°	Focus: 4.5~148.5 mm, Iris: F1.6~F5.3 Angle of view (H): 62.93°~3.67°
Optical Zoom	20X	30X	22X	22X	22X	33X
WDR	Digital WDR	Digital WDR	Digital WDR	120dB	120dB	120dB
Pan Range	360°	360°	360°	360°	360°	360°
Pan Speed	0.1°/s ~ 240°/s	0.1°/s ~ 240°/s	0.1°/s ~ 400°/s	0.1°/s ~ 240°/s	0.1°/s ~ 240°/s	0.1°/s ~ 240°/s
Tilt Range	-15° ~ +90°	-15° ~ +90°	-18° ~ +90°	-15° ~ +90°	-15° ~ +90°	-15° ~ +90°
Tilt Speed	0.1° ~ 160°/s	0.1° ~ 160°/s	0.1°/s ~ 240°/s	0.1° ~ 160°/s	0.1° ~ 160°/s	0.1° ~ 160°/s
IR	Up to 150 m (492 ft)	Up to 150 m (492 ft)	N/A	Up to 200m (656 ft)	Up to 200m (656 ft)	Up to 200 m (656 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	H.265, H.264, MJPEG
Smart Function	√	√	√	√	√	√
Frame Rate	1920 × 1080 30fps	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	Triple streams
Privacy Mask	√	√	√	√	√	√
Patrol	√	√	√	√	√	√
Preset	256	256	256	256	256	256
Audio I/O	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1
Alarm I/O	1 / 1	1 / 1	2 / 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	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	N/A	100M/1000M SFP	N/A
Reset Button	N/A	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% 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	N/A	IP66	IP66	IP66
Working Environment	-40°C ~ 65°C (-40°F ~ 149°F)	-40°C ~ 65°C (-40°F ~ 149°F)	-20°C ~ 50°C (-4°F ~ 122°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	5.28 kg (11.6 lb)	5.28 kg (11.6 lb)	3.2 kg (7.1 lb)	5.5 kg (12.1 lb)	5.5 kg (12.1 lb)	5.5 kg (12.1 lb)
Power Consumption	9 ~ 42W	9 ~ 42W	8 ~ 20W	11 ~ 47W	15 ~ 51W	11 ~ 47W
Dimensions	Φ227mm×359.4mm(Φ8.9" x 14.2")	Φ227mm×359.4mm(Φ8.9" x 14.2")	Φ218mm×298mm(Φ8.6" x 11.7")	Φ227 x 359.4mm(Φ8.9" x 14.2")	Φ227 x 359.4mm(Φ8.9" x 14.2")	Φ227 x 359.4mm(Φ8.9" x 14.2")

Model	IPC6252SFW-X22U	IPC6252SL-X33UP	IPC6253SR-X33	IPC6852SR-X44U	IPC6858SR-X22	IPC6258SR-X22P
Appearance						
Product Series	Starlight	Starlight, Laser	Low-light	Starlight	Low-light	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	1/1.7" / 12MP / CMOS
Lens	Focus: 6.5~143 mm, Iris: F1.5~F3.4 Angle of view (H): 70°~3.76°	Focus: 4.5~148.5 mm, Iris: F1.6~F5.3 Angle of view (H): 62.93°~3.67°	Focus: 4.5~148.5 mm, Iris: F1.6~F5.3 Angle of view (H): 75°~6.2°	Focus: 5~220 mm, Iris: F1.2~F3.5 Angle of view (H): 56.7°~3.07°	Focus: 6.5~143 mm, Iris: F1.5~F3.4 Angle of view (H): 56.7°~3.07°	Focus: 6.5~143 mm, Iris: F1.5~F3.4 Angle of view (H): 56.7°~3.07°
Optical Zoom	22X	33X	33X	44X	22X	22X
WDR	120dB	120dB	120dB	120dB	Digital WDR	Digital WDR
Pan Range	360°	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	0.1°/s ~ 240°/s
Tilt Range	-15° ~ +90°	-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	0.1° ~ 160°/s
IR	<30m white light , 30~150m IR	VF laser, up to 500m (1640 ft)	Up to 200 m (656 ft)	Up to 250m (820 ft)	Up to 250m (820 ft)	Up to 200 m (656 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	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	4000×3000 20fps, 3840×2160 30fps
Video Streaming	Triple streams	Triple streams	Triple streams	Triple streams	Triple streams	Triple streams
Privacy Mask	√	√	√	√	√	√
Patrol	√	√	√	√	√	√
Preset	256	256	256	256	256	256
Audio I/O	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1
Alarm I/O	2 / 1	1 / 1	2 / 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	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	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%	AC 24V ±25%, DC 24V ±25% PoE(PSE Required)
Ingress Protection	IP66	IP66	IP66	IP66	IP66	IP66
Working Environment	-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)	-40°C ~ 70°C (-40°F ~ 158°F)	-40°C ~ 70°C (-40°F ~ 158°F)
Weight	5.5kg (12.1 lb)	5.6 kg (12.3 lb)	5.5kg (12.1 lb)	9.69 kg (21.4 lb)	9.69 kg (21.4 lb)	5.5 kg (12.1 lb)
Power Consumption	12 ~ 46W	8~47 W	11 ~ 47W	16 ~56W	16 ~56W	8 ~52.5W
Dimensions	Φ 227 x 359.4mm (Φ 8.9" x 14.2")	Φ 227mm×359.4mm(Φ 8.9" x 14.2")	Φ 227mm×359.4mm(Φ 8.9" x 14.2")	Φ 270 x 496.7mm (Φ 10.6" x 19.6")	Φ 270 x 496.7mm (Φ 10.6" x 19.6")	Φ 227 x 359.7mm (Φ 8.9" x 14.2")

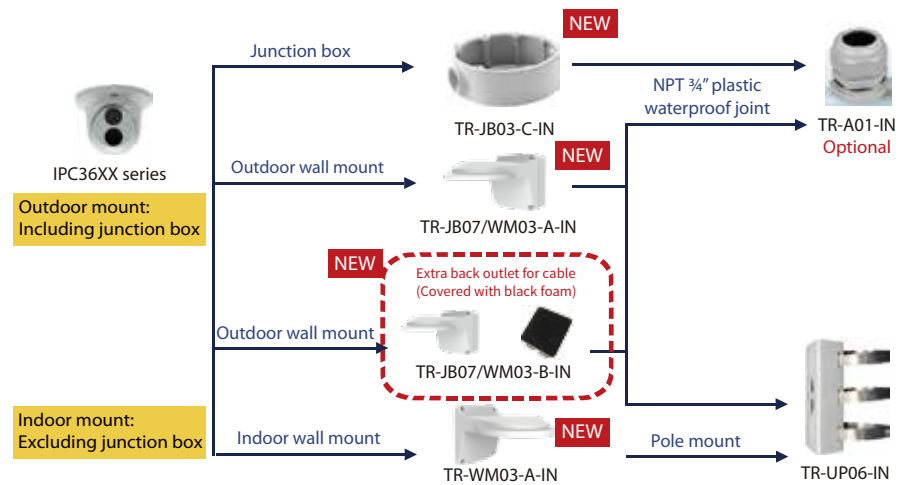
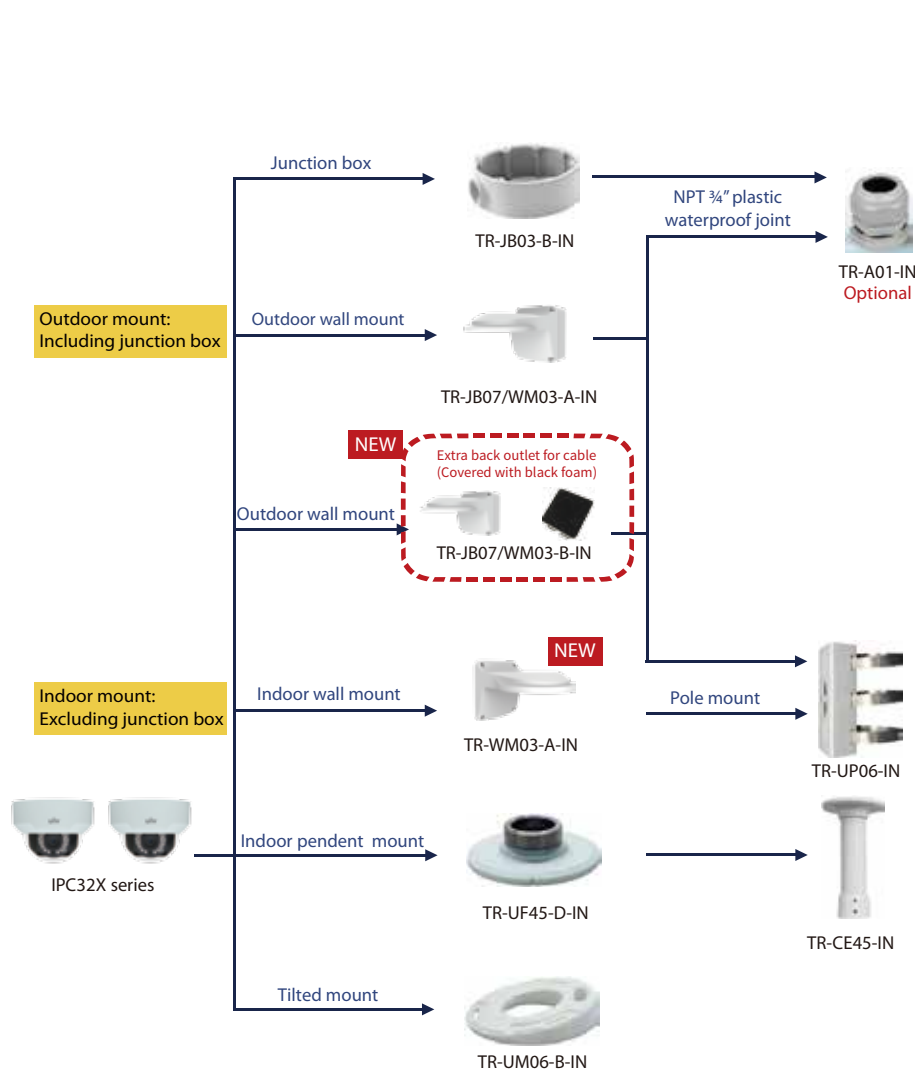
## Box Camera Mount



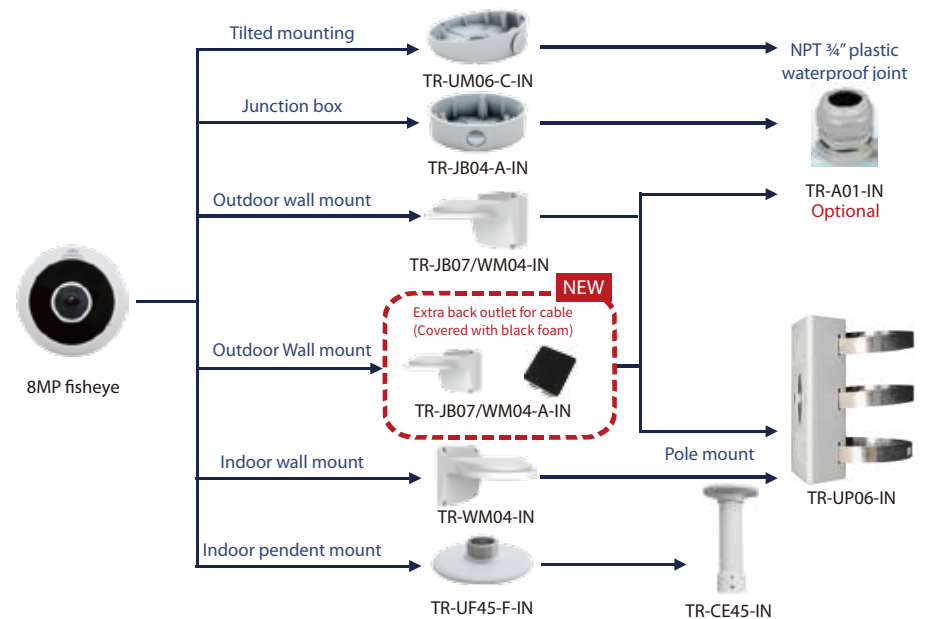
## Dome Camera Mount



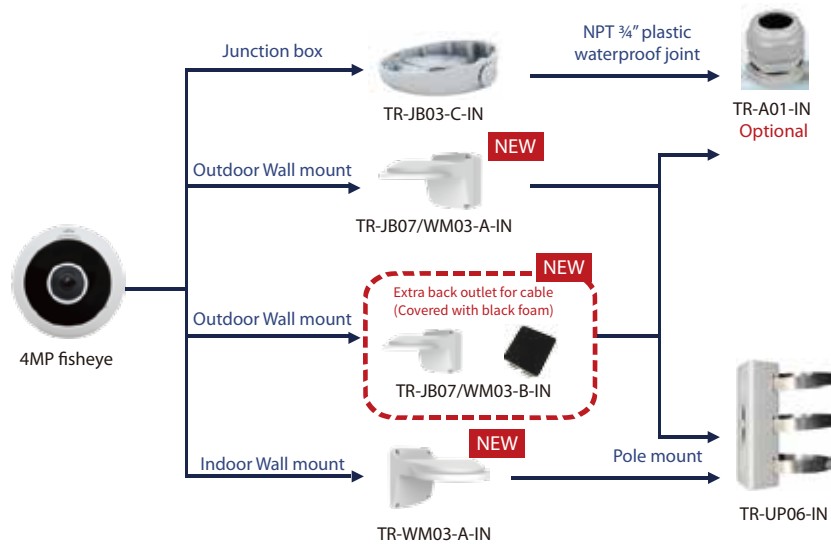
## Fixed Dome Camera Mount



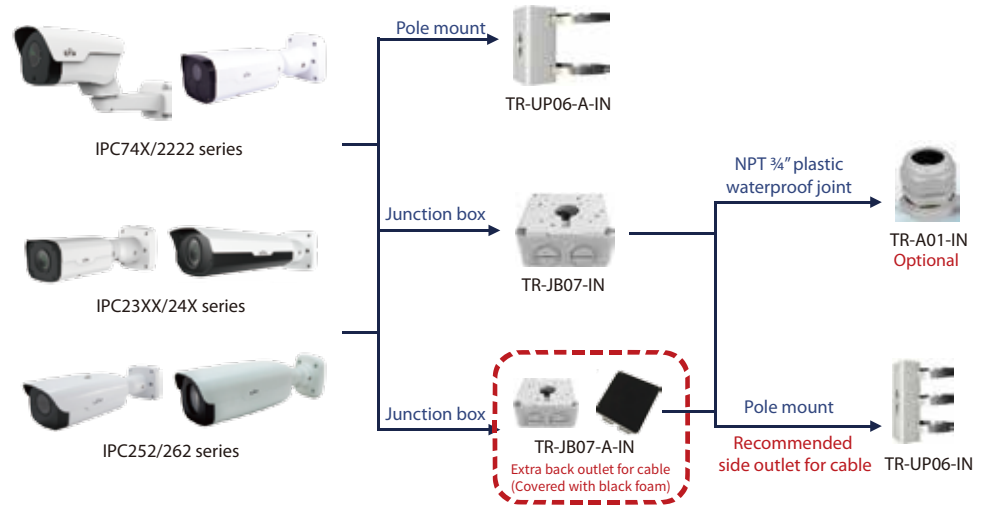
## 8MP Fisheye Camera Mount



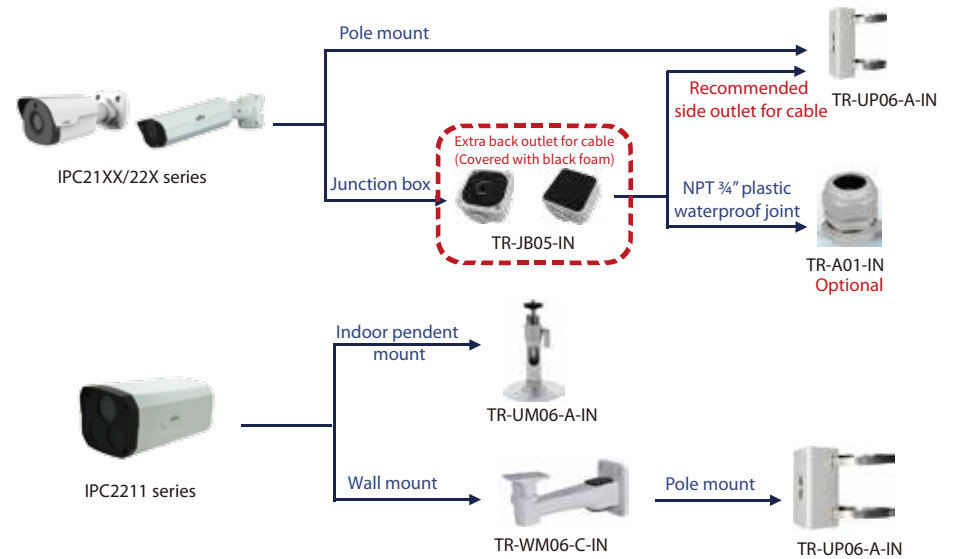
## 4MP Fisheye Camera Mount



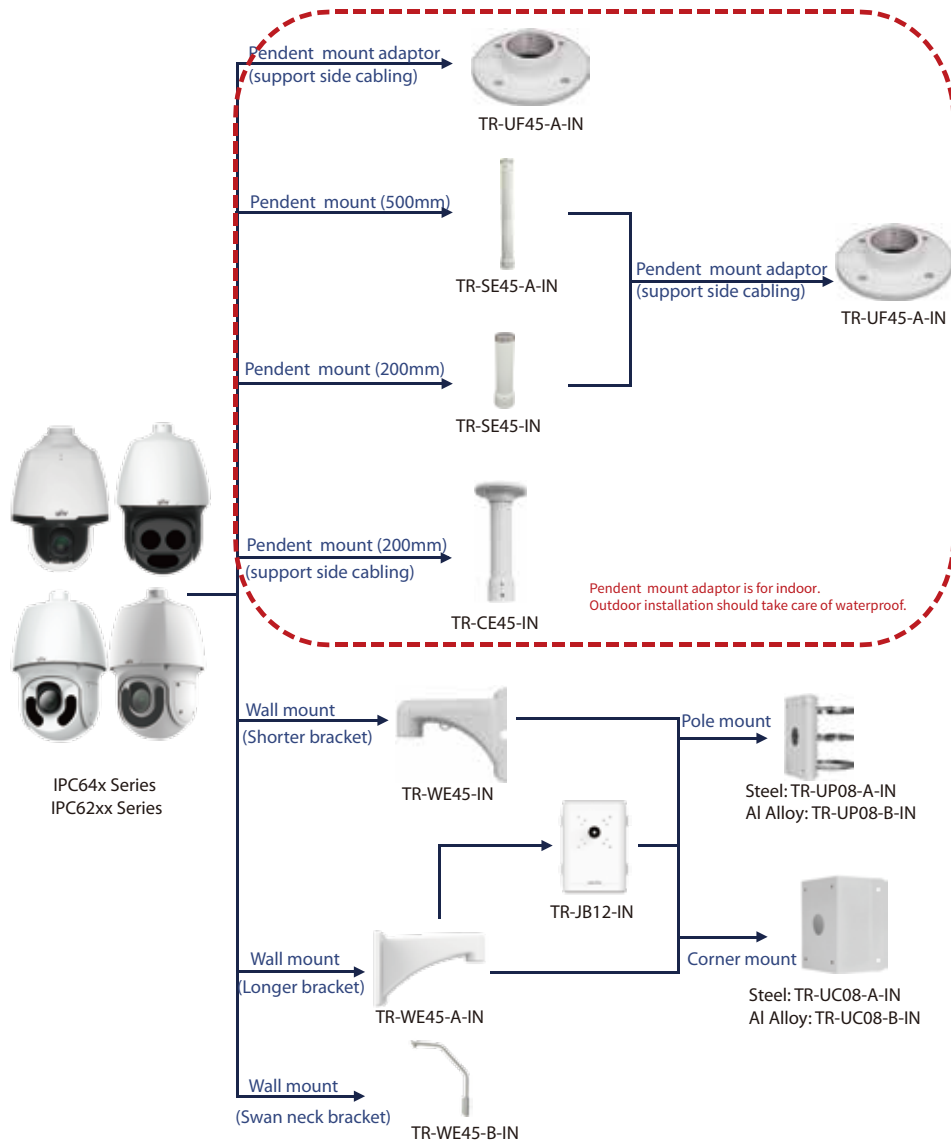
## Bullet Camera Mount



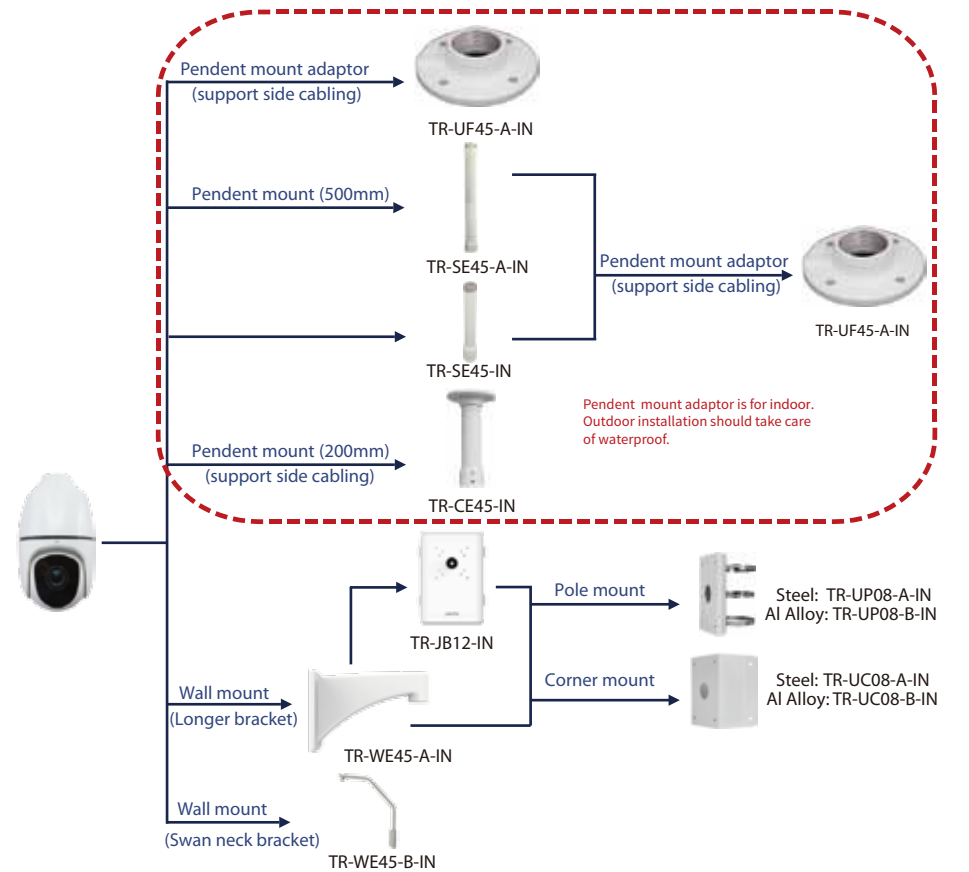
## Mini Dome Camera Mount



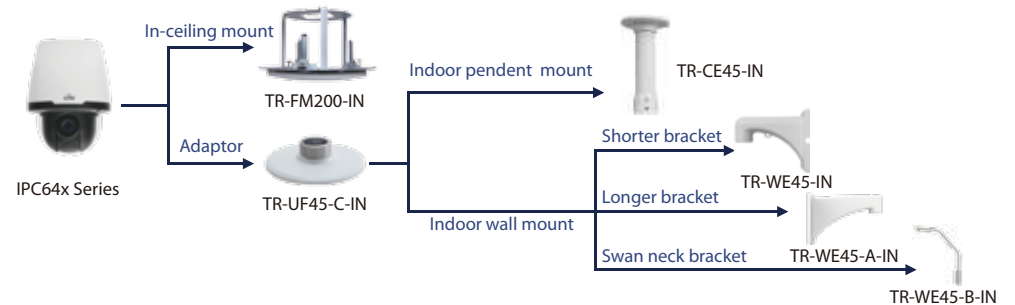
## Outdoor PTZ Dome Camera Mount



## Outdoor PTZ Dome Camera Mount



## Indoor PTZ Dome Camera Mount





## ONVIF

Third-party IP cameras supported with ONVIF conformance.



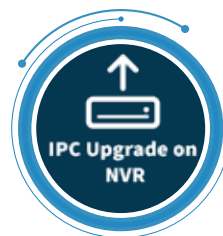
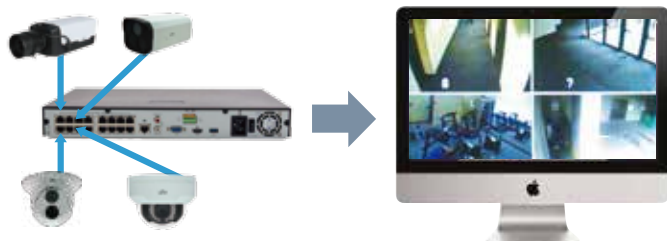
## Cloud Upgrade

Just click “upgrade” in the NVR menu, it will automatically detect the latest firmware and upgrade.



## Plug And Play

Support PnP for easy IP camera discovery and usage.



## 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.



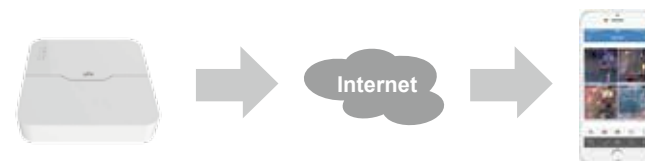
## VCA

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



## EZCloud

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





## 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.



## 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.



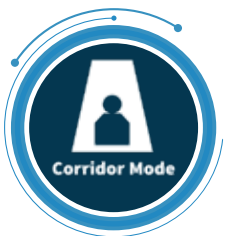
## Smart Search

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.



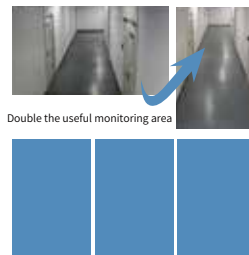
## RAID

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



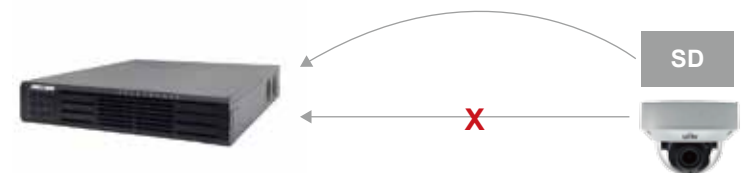
## Corridor Mode

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






## 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	NVR201-04EP
Appearance						
Video/Audio Input	IP Video Input	4-ch	8-ch	4-ch	8-ch	4-ch
	Input Bandwidth	40 Mbps	80 Mbps	40 Mbps	80 Mbps	40 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	64 Mbps	64 Mbps	64 Mbps	64 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	32-ch@D1, 16-ch@720P, 6-ch@1080P	18-ch@D1, 9-ch@720P, 4-ch@1080P
Storage	HDD	1 SATA interface	1 SATA interface	1 SATA interface	1 SATA interface	1 SATA interface
External Interface	Network Interface	1 x RJ-45 100M	1 x RJ-45 100M	1 x RJ-45 100M	1 x RJ-45 100M	1 x RJ-45 100M
	PoE	N/A	N/A	4 x PoE+	8 x PoE+	4 x PoE+
	Serial Interface	N/A	N/A	N/A	N/A	N/A
	USB Interface	1 x USB2.0, 1 x USB3.0	1 x USB2.0, 1 x USB3.0	1 x USB2.0, 1 x USB3.0	1 x USB2.0, 1 x USB3.0	1 x USB2.0, 1 x USB3.0
	Alarm I/O	N/A	N/A	N/A	N/A	N/A
Other	Power Supply	12V DC, 2A	12V DC, 2A	48V DC, 1.25A	52V DC, 1.8A	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 and PoE)
	Working Environment	-10°C ~ 55°C, (14°F ~ 131°F), 10% ~ 90% RH	-10°C ~ 55°C, (14°F ~ 131°F), 10% ~ 90% RH	-10°C ~ 55°C, (14°F ~ 131°F), 10% ~ 90% RH	-10°C ~ 55°C, (14°F ~ 131°F), 10% ~ 90% RH	-10°C ~ 55°C, (14°F ~ 131°F), 10% ~ 90% RH
	Dimensions(H×W×D)	205mm × 205mm × 41.8mm (8.1" × 8.1" × 1.6")	205mm × 205mm × 41.8mm (8.1" × 8.1" × 1.6")	205mm × 205mm × 41.8mm (8.1" × 8.1" × 1.6")	270mm × 205mm × 41.8mm (10.6" × 8.1" × 1.6")	360mm × 254.3mm × 43.6mm (14.17" × 10.01" × 1.72")
	Weight(Without HDD)	≤1.17kg	≤1.17kg	≤1.21kg	≤1.3kg	≤1.36kg

Model	NVR201-08EP	NVR202-08E	NVR202-16E	NVR202-32E	NVR202-08EP
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Appearance



Video/Audio Input	IP Video Input	8-ch	8-ch	16-ch	32-ch	8-ch
	Input Bandwidth	80 Mbps	80 Mbps	160 Mbps	200 Mbps	80 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	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	1 SATA interface	2 SATA interfaces	2 SATA interfaces	2 SATA interfaces	2 SATA interfaces
External Interface	Network Interface	1 x RJ-45 100M	1 x RJ-45 1000M	1 x RJ-45 1000M	1 x RJ-45 1000M	1 x RJ-45 1000M
	PoE	8 x PoE+	N/A	N/A	N/A	8 x PoE+
	Serial Interface	N/A	N/A	N/A	N/A	N/A
	USB Interface	1 x USB2.0, 1 x USB3.0	1 x USB2.0, 1 x USB3.0	1 x USB2.0, 1 x USB3.0	1 x USB2.0, 1 x USB3.0	1 x USB2.0, 1 x USB3.0
	Alarm I/O	N/A	N/A	N/A	N/A	N/A
Other	Power Supply	52V DC, 1.8A	12V DC, 2A	12V DC, 2A	12V DC, 2A	52V DC, 1.8A
	Power Consumption	≤8W (without HDD and PoE)	≤6W (without HDD)	≤6W (without HDD)	≤6W (without HDD)	≤8W (without HDD and PoE)
	Working Environment	-10°C ~ 55°C, (14°F ~ 131°F) 10% ~ 90% RH	-10°C ~ 55°C, (14°F ~ 131°F), 10% ~ 90% RH	-10°C ~ 55°C, (14°F ~ 131°F), 10% ~ 90% RH	-10°C ~ 55°C, (14°F ~ 131°F), 10% ~ 90% RH	-10°C ~ 55°C, (14°F ~ 131°F), 10% ~ 90% RH
	Dimensions(H×W×D)	360mm × 254.3mm × 43.6mm (14.17" × 10.01" × 1.72")	360mm × 254.3mm × 43.6mm (14.17" × 10.01" × 1.72")	360mm × 254.3mm × 43.6mm (14.17" × 10.01" × 1.72")	360mm × 254.3mm × 43.6mm (14.17" × 10.01" × 1.72")	205mm × 205mm × 41.8mm (8.1" × 8.1" × 1.6")
	Weight(Without HDD)	≤1.36kg	≤1.42kg	≤1.42kg	≤1.42kg	≤1.45kg

Model		NVR202-16EP	NVR204-16E	NVR204-32E	NVR208-16	NVR208-32
Appearance						
Video/Audio Input	IP Video Input	16-ch	16-ch	32-ch	16-ch	32-ch
	Input Bandwidth	160 Mbps	160 Mbps	200 Mbps	160 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	4 SATA interfaces	4 SATA interfaces	8 SATA interfaces	8 SATA interfaces
External Interface	Network Interface	1 x RJ-45 1000M	2 x RJ-45 1000M	2 x RJ-45 1000M	2 x RJ-45 1000M	2 x RJ-45 1000M
	PoE	8 x PoE+	N/A	N/A	N/A	N/A
	Serial Interface	N/A	1 x RS-485	1 x RS-485	N/A	N/A
	USB Interface	1 x USB2.0, 1 x USB3.0	2 x USB2.0, 1 x USB3.0	2 x USB2.0, 1 x USB3.0	2 x USB2.0, 1 x USB3.0	2 x USB2.0, 1 x USB3.0
	Alarm I/O	N/A	8/2	8/2	8/2	8/2
Other	Power Supply	52V DC, 1.8A	12V DC, 5A	12V DC, 5A	100~240V AC	100~240V AC
	Power Consumption	≤8W (without HDD and PoE)	≤6W (without HDD)	≤6W (without HDD)	≤15W (without HDD)	≤15W (without HDD)
	Working Environment	-10°C ~ 55°C, (14°F ~ 131°F), 10% ~ 90% RH	-10°C ~ 55°C, (14°F ~ 131°F), 10% ~ 90% RH	-10°C ~ 55°C, (14°F ~ 131°F), 10% ~ 90% RH	-10°C ~ 55°C, (14°F ~ 131°F), 10% ~ 90% RH	-10°C ~ 55°C, (14°F ~ 131°F), 10% ~ 90% RH
	Dimensions(H×W×D)	205mm × 205mm × 41.8mm (8.1" × 8.1" × 1.6")	44mm × 440mm × 341mm (1.73" × 17.30" × 13.47")	44.0mm × 440.0mm × 341mm (1.73" × 17.30" × 13.47")	86.1mm × 442mm × 421mm (3.39" × 17.40" × 16.57")	86.1mm × 442mm × 421mm (3.39" × 17.40" × 16.57")
	Weight(Without HDD)	≤1.45kg	≤3kg	≤3kg	≤5.2kg	≤5.2kg

# 3-SERIES NVR

Model

NVR301-04E

NVR301-08E

NVR301-16E






NVR301-04-P4






NVR301-08-P8







Appearance



Video/Audio Input	IP Video Input	4-ch	8-ch	16-ch	4-ch	8-ch
	Input Bandwidth	40 Mbps	60 Mbps	80 Mbps	40 Mbps	60 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	1
	Outgoing Bandwidth	64 Mbps	64 Mbps	80 Mbps	64 Mbps	64 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	16-ch@D1, 8-ch@720P, 4-ch@1080P
Storage	HDD	1 SATA interface	1 SATA interface	1 SATA interface	1 SATA interface	1 SATA interface
External Interface	Network Interface	1 x RJ-45 100M	1 x RJ-45 100M	1 x RJ-45 100M	1 x RJ-45 100M	1 x RJ-45 100M
	PoE	N/A	N/A	N/A	4 x PoE+	8 x PoE+
	Serial Interface	N/A	N/A	N/A	N/A	N/A
	USB Interface	3 x USB2.0	3 x USB2.0	3 x USB2.0	3 x USB2.0	3 x USB2.0
	Alarm I/O	4/1	4/1	4/1	4/1	4/1
Other	Power Supply	12V DC, 2A	12V DC, 2A	12V DC, 2A	48V DC, 1.25A	52V DC, 1.8A
	Power Consumption	≤5W (without HDD)	≤5W (without HDD)	≤5W (without HDD)	≤5W (without HDD)	≤5W (without HDD)
	Working Environment	-10°C ~ 55°C, (14°F ~ 131°F), 10% ~ 90% RH	-10°C ~ 55°C, (14°F ~ 131°F), 10% ~ 90% RH	-10°C ~ 55°C, (14°F ~ 131°F) 10% ~ 90% RH	-10°C ~ 55°C, (14°F ~ 131°F) 10% ~ 90% RH	-10°C ~ 55°C, (14°F ~ 131°F) 10% ~ 90% RH
	Dimensions(H×W×D)	44mm × 260mm × 240mm (1.73" × 10.24" × 9.45")	44mm × 260mm × 240mm (1.73" × 10.24" × 9.45")	44mm × 260mm × 240mm (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")
	Weight(Without HDD)	≤1.1kg	≤1.1kg	≤1.1kg	≤0.98kg	≤1.03kg


Model		NVR301-16-P8	NVR301-04L-P4	NVR301-08L-P8	NVR301-16L-P8	NVR302-08E-P8
Appearance						
Video/Audio Input	IP Video Input	16-ch	4-ch	8-ch	16-ch	8-ch
	Input Bandwidth	60 Mbps	40 Mbps	60 Mbps	60 Mbps	80Mbps
	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	1	1	1	1
	Outgoing Bandwidth	80 Mbps	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	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	1 SATA interface	2 SATA interfaces
External Interface	Network Interface	1 x RJ-45 100M	1 x RJ-45 100M	1 x RJ-45 100M	1 x RJ-45 100M	1 x RJ-45 1000M
	PoE	8 x PoE+	4 x PoE+	8 x PoE+	8 x PoE+	8 x PoE+
	Serial Interface	N/A	N/A	N/A	N/A	N/A
	USB Interface	3 x USB2.0	2 x USB2.0	2 x USB2.0	2 x USB2.0	1 x USB2.0, 1 x USB3.0
	Alarm I/O	4/1	N/A	N/A	N/A	4/1
Other	Power Supply	52V DC, 1.8A	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)	≤5W (without HDD)	≤20W (without HDD)
	Working Environment	-10°C ~ 55°C, (14°F ~ 131°F) 10% ~ 90% RH	-10°C ~ 55°C, (14°F ~ 131°F) 10% ~ 90% RH	-10°C ~ 55°C, (14°F ~ 131°F) 10% ~ 90% RH	-10°C ~ 55°C, (14°F ~ 131°F) 10% ~ 90% RH	-10°C ~ 55°C, (14°F ~ 131°F) 10% ~ 90% RH
	Dimensions(H×W×D)	260mm × 200mm × 43.6mm (10.23" × 7.87" × 1.71")	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)	≤1.03kg	≤0.59kg	≤0.68kg	≤0.68kg	≤2.48kg


Model		NVR302-16E-P8	NVR302-16E-P16	NVR304-16E	NVR304-32E	NVR304-16EP
Appearance						
Video/Audio Input	IP Video Input	16-ch	16-ch	16-ch	32-ch	16-ch
	Input Bandwidth	160Mbps	160Mbps	160Mbps	320 Mbps	160 Mbps
	Audio Input	1-ch	1-ch	1-ch	1-ch	1-ch
Video/Audio Output	HDMI	1	1	2	2	2
	VGA	1	1	1	1	1
	Audio Output	1	1	1	1	1
	Outgoing Bandwidth	320 Mbps	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	32-ch@720P, 16-ch@1080P 4-ch@8MP
Storage	HDD	2 SATA interfaces	2 SATA interfaces	4 SATA interfaces	4 SATA interfaces	4 SATA interfaces
External Interface	Network Interface	1 x RJ-45 1000M	1 x RJ-45 1000M	2 x RJ-45 1000M	2 x RJ-45 1000M	1 x RJ-45 1000M
	PoE	8 x PoE+	16 x PoE+	N/A	N/A	16 x PoE+
	Serial Interface	N/A	N/A	1 x RS-485	1 x RS-485	1 x RS-485
	USB Interface	1 x USB2.0, 1 x USB3.0	1 x USB2.0, 1 x USB3.0	2 x USB2.0, 1 x USB3.0	2 x USB2.0, 1 x USB3.0	2 x USB2.0, 1 x USB3.0
	Alarm I/O	4/1	4/1	16/4	16/4	16/4
Other	Power Supply	100~240V AC	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)	≤12W (without HDD)
	Working Environment	-10°C ~ 55°C, (14°F ~ 131°F) 10% ~ 90% RH	-10°C ~ 55°C, (14°F ~ 131°F) 10% ~ 90% RH	-10°C ~ 55°C, (14°F ~ 131°F) 10% ~ 90% RH	-10°C ~ 55°C, (14°F ~ 131°F) 10% ~ 90% RH	-10°C ~ 55°C, (14°F ~ 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 × 440mm × 344.0mm (1.73" × 17.30" × 13.54")	86.1mm × 442mm × 425.5mm (3.39" × 17.40" × 16.75")
	Weight(Without HDD)	≤2.48kg	≤2.48kg	≤3.2kg	≤3.2kg	≤5.2kg

Model		NVR304-32EP	NVR308-16E	NVR308-32E	NVR308-64E	NVR308-32R	NVR308-64R
Appearance							
Video/Audio Input	IP Video Input	32-ch	16-ch	32-ch	64-ch	32-ch	64-ch
	Input Bandwidth	320 Mbps	160 Mbps	320 Mbps	320 Mbps	320 Mbps	320 Mbps
	Audio Input	1-ch	1-ch	1-ch	1-ch	1-ch	1-ch
Video/Audio Output	HDMI	2	2	2	2	2	2
	VGA	1	1	1	1	1	1
	Audio Output	1	1	1	1	1	1
	Outgoing Bandwidth	320 Mbps	320 Mbps	320 Mbps	320 Mbps	320 Mbps	320 Mbps
	Decoding Capability	32-ch@720P, 16-ch@1080P 4-ch@8MP	16-ch@1080P, 4-ch@8MP	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	64-ch@D1, 32-ch@720P 16-ch@1080P, 4-ch@8MP
Storage	HDD	4 SATA interfaces	8 SATA interfaces, 1 eSATA interface	8 SATA interfaces, 1 eSATA interface	8 SATA interfaces, 1 eSATA interface	8 SATA interfaces, 1 eSATA interface	8 SATA interfaces, 1 eSATA interface
External Interface	Network Interface	1 x RJ-45 1000M	2 x RJ-45 1000M	2 x RJ-45 1000M	2 x RJ-45 1000M	2 x RJ-45 1000M	2 x RJ-45 1000M
	PoE	16 x PoE+	N/A	N/A	N/A	N/A	N/A
	Serial Interface	1 x RS-485	1 x RS-232, 1 x RS-485	1 x RS-232, 1 x RS-485	1 x RS-232, 1 x RS-485	1 x RS-232, 1 x RS-485	1 x RS-232, 1 x RS-485
	USB Interface	2 x USB2.0, 1 x USB3.0	2 x USB2.0, 1 x USB3.0	2 x USB2.0, 1 x USB3.0	2 x USB2.0, 1 x USB3.0	2 x USB2.0, 1 x USB3.0	2 x USB2.0, 1 x USB3.0
	Alarm I/O	16/4	16/4	16/4	16/4	16/4	16/4
Other	Power Supply	100~240V AC	100~240V AC	100~240V AC	100~240V AC	100~240V AC	100~240V AC
	Power Consumption	≤12W (without HDD)	≤20W (without HDD)	≤20W (without HDD)	≤20W (without HDD)	≤20W (without HDD)	≤20W (without HDD)
	Working Environment	-10°C ~ 55°C, (14°F ~ 131°F) 10% ~ 90% RH	-10°C ~ 55°C, (14°F ~ 131°F) 10% ~ 90% RH	-10°C ~ 55°C, (14°F ~ 131°F) 10% ~ 90% RH	-10°C ~ 55°C, (14°F ~ 131°F) 10% ~ 90% RH	-10°C ~ 55°C, (14°F ~ 131°F) 10% ~ 90% RH	-10°C ~ 55°C, (14°F ~ 131°F) 10% ~ 90% RH
	Dimensions(H×W×D)	86.1mm × 442mm × 425.5mm (3.39" × 17.40" × 16.75")	86.1mm × 442mm × 425.5mm (3.39" × 17.40" × 16.75")	86.1mm × 442mm × 425.5mm (3.39" × 17.40" × 16.75")	86.1mm × 442mm × 425.5mm (3.39" × 17.40" × 16.75")	86.1mm × 442mm × 531mm (3.39" × 17.40" × 20.91")	86.1mm × 442mm × 531mm (3.39" × 17.40" × 20.91")
	Weight(Without HDD)	≤5.2kg	≤5.2kg	≤5.2kg	≤5.2kg	≤7.8kg	≤7.8kg



# 5-SERIES NVR

# DISK ENCLOSURE

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
External Interface	Network Interface	4 x RJ-45 1000M, 2 x RJ-45 1000M SFP	4 x RJ-45 1000M, 2 x RJ-45 1000M SFP
	PoE	N/A	N/A
	Serial Interface	1 x RS-232, 1 x RS-485	1 x RS-232, 1 x RS-485
	USB Interface	4 x USB3.0	4 x USB3.0
	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 ~ 131°F), 10% ~ 90% RH	-10°C ~ 55°C, (14°F ~ 131°F), 10% ~ 90% RH
	Dimensions(H×W×D)	131mm × 482mm × 477mm (5.16" × 18.98" × 18.78")	131mm × 482mm × 477mm (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 supplies, battery and fans
Power Supply		100~240 VAC	100~240 VAC
Consumption		<80W (fully loaded)	<100W (fully loaded)
Weight		Without HDD: < 8 kg(17.6lb) Fully loaded: < 16 kg(35lb)	Without HDD: < 10 kg(22lb) Fully loaded: < 22 kg(48.5lb)
Dimensions		442.0 × 530.4 × 86.1mm (17.40" × 20.88" × 3.39")	481.6 × 477.1 × 130.5mm (18.96" × 18.78" × 5.14")



Model	VX1600	VX1824
Appearance		
Video Input	1 array: 64 channels / 2M 2 array: 128 channels / 2M 3 array: 192 channels / 2M 4 array or more: 256 channels / 2M (11 hard drives to form 1 array)	1 array: 64 channels / 2M 2 array: 128 channels / 2M 3 array: 192 channels / 2M 4 array: 256 channels / 2M 5 array: 320 channels / 2M 6 array or more: 384 channels / 2M (11 hard drives to form 1 array)
Front-end Service Interface	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)	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)
Back-end Expansion Interface	2x24 Gbps Mini SAS (optional)	2x48 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
Protocol	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
HDD	24 SATA interfaces	24 SATA interfaces
Power Supply	1+1 Redundant	1+1 Redundant
Consumption	Controller enclosure: < 450(fully configured)	Controller enclosure : < 450 W (fully configured)
Weight	Controller enclosure: Fully configured: < 43 kg	Controller enclosure : Fully configured : < 43 kg
Dimensions (H×W×D)	Controller enclosure: 175.0mm×481.6mm×589.0mm	Controller enclosure: 175.0mm×481.6mm×589.0mm

# ENCODER

# DECODER

Model

DVS4104

Appearance



Model

DC5301

Appearance



DC4304



DC4308



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

Video Input	1×HDMI, 1×VGA, 1×CVBS	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	N/A	1 × VGA, 1 × DVI-D	1 × VGA, 1 × DVI-D
Video Output Resolution	3840×2160@60 3840×2160@30 1920×1080@60 1920×1080@50 1600 × 1200@60 1440 × 900@60 1366 × 768@60 1280 × 1024@60 1280 × 720@60 1024 × 720@50 1024×768@60	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.265, H.264, MPEG4, MJPEG	H.264, MPEG4, MJPEG, MJPEG2	H.264, MPEG4, MJPEG, MJPEG2
Net-Stream Resolution	12MP, 8MP, 6MP, 5MP, 4MP, 3MP, 1080P 1080I, 960P, 720P, D1, and CIF	1080P, 1080I, 960P, 720P, D1, 4CIF, 2CIF, CIF	1080P, 1080I, 960P, 720P, D1, 4CIF, 2CIF, CIF
Split Screen	1/2/3/4/7/9/16	1/3/4/7/9/16	1/3/4/7/9/16
Decoder Performance	2*1200M@30, 4*4K@30, 6*500M@30, 10*300M@30, 8*1080P@60, 16*1080P30	36 × D1 or 8 × 1080P@30	72 × D1 or 16 × 1080P@30
Video Wall	N/A	1*2, 2*2	1*2, 2*2, 2*3, 2*4
Audio Compression Standard	G.711 μ, G.711A	G.711 μ, G.711A	G.711 μ, G.711A
Audio Input	1 × Analog audio iutput	1 × Analog audio input interface	1 × Analog audio input interface
Audio Output	2 × Analog 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	1 × RS232 Serial Interface, 1 × RS485 Serial Interface
Alarm I/O	4/2	8/6	8/6
Network Interface	2 RJ-45 10M/100M/1000M adaptive Ethernet Interfaces	2 × 10/100/1000Base-T	2 × 10/100/1000Base-T
USB Interface	1 USB2.0 Interface	N/A	N/A
Dimensions (H × W × D)	40 × 250 × 189mm ( 1.6" × 9.8" × 7.4" )	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	<2kg	<4kg	<4kg
Working Environment	-10 to 60°C(+14°F ~ +140°F), 10% ~ 90% RH	-10 to 55°C (14°F to 131°F), 10% to 90% RH	-10°C to 55°C (14°F to 131°F), 10% to 90% RH
Power Supply	12V DC	100 ~240V AC	100 ~240V AC
Consumption	15W	50W	70W

Model

NSW2000-8T1GC-POE

NSW2000-16T2GC-POE

NSW2000-24T2GC-POE

Appearance



Ports

8×10/100Base-TX autosensing Ethernet ports(all support PoE)  
1×Gigabit combo port (RJ45 and SFP)

16×10/100Base-TX autosensing Ethernet ports(all support PoE)  
2×Gigabit combo ports (RJ45 and SFP)

24×10/100Base-TX autosensing Ethernet ports(all support PoE)  
2×Gigabit combo ports (RJ45 and SFP)

Standards

IEEE 802.3u 100BASE-TX, IEEE 802.3ab 1000BASE-T, IEEE 802.3z 1000BASE-X, ANSI/IEEE 802.3 NWay, IEEE 802.3x flow control, IEEE 802.3af PoE, IEEE 802.3at PoE

IEEE 802.3u 100BASE-TX, IEEE 802.3ab 1000BASE-T, IEEE 802.3z 1000BASE-X, ANSI/IEEE 802.3 NWay, IEEE 802.3x flow control, IEEE 802.3af PoE, IEEE 802.3at PoE

IEEE 802.3u 100BASE-TX, IEEE 802.3ab 1000BASE-T, IEEE 802.3z 1000BASE-X, ANSI/IEEE 802.3 NWay, IEEE 802.3x flow control, IEEE 802.3af PoE, IEEE 802.3at PoE

MAC

4K

4K

4K

Packet forwarding rate

2.68Mpps

6.55Mpps

6.55Mpps

Switching capacity

3.6Gbps

8.8Gbps

8.8Gbps

Jumbo frames

Support

Support

EXTEND mode

Disabled: all ports can communicate with each other, and monitoring optimization is disabled.  
Enabled: Downlink ports can only communicate with uplink ports, monitoring optimization is enabled, and transmission distance can be extended to up to 250 meters.

Disabled: all ports can communicate with each other, and monitoring optimization is disabled.  
Enabled: Downlink ports can only communicate with uplink ports, monitoring optimization is enabled, and transmission distance can be extended to up to 250 meters.

Disabled: all ports can communicate with each other, and monitoring optimization is disabled.  
Enabled: downlink ports can only communicate with uplink ports; monitoring optimization is enabled, and transmission distance can be extended to up to 250 meters.

PoE

802.3at/af  
Max PoE capacity: 115W

802.3at/af  
Max PoE capacity: 250W

802.3at/af  
Max PoE capacity: 400W

Consumption

≤ 120 W

≤ 300 W

≤ 450 W

DC voltage/AC voltage

54 V, 2.5A

100-240V

100-240V

Operating temperature

0°C-40°C (32°F-104°F)

0°C-40°C (32°F-104°F)

0°C-40°C (32°F-104°F)

Operating humidity

10%-85%

10%-85%

10%-85%

Storage temperature

-10°C-70°C (14°F-158°F)

-10°C-70°C (14°F-158°F)

-10°C-70°C (14°F-158°F)

Storage humidity

10%-90%

10%-90%

10%-90%

Dimensions (W×D×H)

235mm×110mm×27mm (9.3"×4.3"×1.1")

440mm×280mm×44mm (17.3"×11"×1.7")

440mm×280mm×44mm (17.3"×11"×1.7")

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