



PRODUCT GUIDE 2019



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ABOUT US

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 2017, Uniview has the 6th largest global market share (IHS Research).

Uniview has complete IP video surveillance product lines including IP cameras, NVR, IP Storage, Decoder, Keyboard, Monitor, Switch and Network Cable 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.

Vision

To become a global leader in video surveillance industry

Product line

Network Camera, NVR, IP Storage, Decoder, Keyboard, Switch, Monitor, Network Cable

Network Camera & NVR

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Network Camera & NVR

Products from Easy series are most popular choices for entry-level applications such as retail. L series IP cameras, B series NVRs, Ultra 265 PoE kits and Navigator PTZ dome cameras are included. All of them are featured with Ultra 265 compression technology which is exclusively released by Uniview. In addition, they provide excellent performance with affordable price. Meanwhile, Easy series are easy to install and maintain, hence can be utilized anywhere. Easy family products are most cost-effective options for a residence and small business application.



IPC2122LR3-PF40(60)M-D

- Ultra 265, up to 95% bandwidth reduction
- Smart IR and anti-reflection glass design, up to 30m IR distance
- Support PoE, $\pm 25\%$ wide voltage tolerance
- Apply metal housing, IP67 water proof



NVR301-04LB-P4

- Ultra 265, save up to 95% storage cost
- Zero configuration, support cloud upgrade
- Quiet & excellent temperature control
- Support Long Range PoE

PixelSense Technology

PixelSense is Uniview's patented technology for switching Day & Night mode of IP camera. The traditional hardware switch is completed by an optical coupler which detects the illumination of the place where the camera is installed. However, if the illumination of installation environment is different from real shooting scene's, the Day & Night switch might be triggered incorrectly. UNV PixelSense technology is more accurate. It detects the shooting scene's illumination (RGB) by a sensor, and drive IR-CUT to switch Day & Night mode. Besides, PixelSense technology doesn't rely on hardware optical coupler, it can reduce the failure rate.

Updated U-code Technology

U-code is a deep video compression technology which can reduce up to 90% bitrate in order to save bandwidth and storage space. U-code technology separates moving target and static background with different codec and adjust GOP dynamically, meanwhile keeping good image quality. U-code supports all triple streams of IP camera, and change frame rate dynamically by video content to reduce more bitrate.

Easy to Use/Maintain

Easy series IP cameras support one-click firmware upgrade, upgrade via cloud, and plug & play for installers and end users to use easily. While troubleshooting, it's also easy to output diagnosis log by one-click. Easy series IP cameras can also detect the network connection regularly, once the network is detected as disconnection, the IP camera will reset the network module inside of IP camera or reset the camera to recover.

Reliability at Design and Tests

From selective components to design product reliability during research and development, from process control during production to full-process traceability system, Uniview is dedicated to pursuit high quality. All sensor boards in UNV cameras are designed as 2mm thickness to avoid defocus by deformation while using in extremely harsh environment.

Navigator PTZ Dome Cameras

Due to highly accurate stepping motors and fast pan speed, Navigator PTZ dome cameras move stably and smoothly. Hence stable video can be produced without jerk. There are 1024 presets which can be easily configured as a cruise. Moreover, a built-in heater around the camera's window can remove snow and fog on lens automatically. Those remarkable functions would reduce unnecessary operations and provide better user experience.

Long Distance PoE

Even though the camera's location is hundred meters away from NVR, users can still easily connect camera directly to NVR for both power supply and video streaming. The NVRs in Easy Series support up to 250 meters long distance PoE.

UBS Storage System

UBS is Uniview's patented technology for storage. Traditional NVR manufactures use general file system which is not optimized for video storage application. By operating directly on HDD to improve I/O efficiency and using small block as minimum unit, UBS technology can reduce the risk of data loss in case of system malfunction. Besides, UBS storage system also support disk roaming and precise playback which make surveillance business much easier.

Model	IPC2122LR3-PF40(60)M-D	IPC2C22LR6-(P)F40(60)-E	IPC2122SR3-F40W-D	IPC322SR3-VSF28W-D	IPC322LR3-VSPF28(40)-D
Appearance					
Axis	3-Axis	/	3-Axis	3-Axis	2-Axis
Adjustment angle	Pan: 0°~360° Tilt: 0°~90° Rotate: 0°~360°	/	Pan: 0°~360° Tilt: 0°~90° Rotate: 0°~360°	Pan: 0°~360° Tilt: 0°~68° Rotate: 0°~360°	Pan: 0°~360° Tilt: 0°~75°
Sensor	1/2.7"/2MP/CMOS	1/2.7"/2MP/CMOS	1/2.7"/2MP/CMOS	1/2.7"/2MP/CMOS	1/2.7"/2MP/CMOS
Wide Dynamic Range	Digital WDR	Digital WDR	Digital WDR	Digital WDR	Digital WDR
Zoom	Fixed	Fixed	Fixed	Fixed	Fixed
Lens	Focus: 4mm, 6mm Iris: F2.0 Angle of view(H): 86.5°/55.4°	Focus: 4mm, 6mm Iris: F2.0 Angle of view(H): 86.5°/55.4°	Focus: 4mm Iris: F2.0 Angle of view(H): 86.5°	Focus: 2.8mm Iris: F2.0 Angle of view (H): 112.7°	Focus: 2.8mm, 4.0mm Iris: F2.0 Angle of view (H): 112.7°/86.5°
Iris	Fixed	Fixed	Fixed	Fixed	Fixed
Min. illumination	Color: 0.02Lux (F2.0, AGC ON) 0Lux with IR	Colour: 0.01 Lux (F2.0, AGC ON) 0 Lux with IR on	Colour: 0.02 Lux (F2.0, AGC ON) 0 Lux with IR on	Color: 0.02Lux (F2.0, AGC ON) 0Lux with IR	Color: 0.02Lux (F2.0, AGC ON) 0Lux with IR
IR	Up to 30m (98ft)	Up to 60m (197 ft)	Up to 30m (98ft)	Up to 30m (98ft)	Up to 30m (98ft)
Video Compression	Ultra265,H.265, H.264, MJPEG	Ultra 265, H.265, H.264	Ultra265, H.265,H.264, MJPEG	Ultra265, H.265,H.264, MJPEG	Ultra265, H.265,H.264, MJPEG
Smart Function	N/A	N/A	N/A	N/A	N/A
Frame Rate	1920×1080 30fps	1920×1080 25fps	1920×1080 20fps	1920×1080 20fps	1920×1080 30fps
ROI (Region of Interest)	√	√	√	√	√
9:16 Corridor Mode	N/A	N/A	N/A	N/A	N/A
Video Streaming	Triple Streams	Triple Streams	Triple Streams	Triple Streams	Triple Streams
Privacy Mask	√	√	√	√	√
The number of OSD	Up to 4 OSDs	Up to 4 OSDs	Up to 4 OSDs	Up to 4 OSDs	Up to 4 OSDs
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
BNC	N/A	N/A	N/A	N/A	N/A
Edge Storage	N/A	N/A	MicroSD, up to 256GB	MicroSD, up to 256GB	N/A
Network Interface	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet WIFI	10M/100M Base-TX Ethernet WIFI	10M/100M Base-TX Ethernet
Reset Button	√	N/A	√	√	N/A
Power	DC 12V ±25% PoE (IEEE 802.3af)	12 V DC±25%, PoE (IEEE802.3 af) (-P)	12 V DC±25%	12 V DC±25%	DC 12V ±25% PoE (IEEE 802.3af)
Working Environment	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ +60°C (-22°F ~ 140°F)	-30°C ~ +60°C (-22°F ~ 140°F)	-30°C ~ +60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)
Ingress Protection	IP67	IP67	IP67	IP67	IP67
Vandal Resistant	N/A	N/A	N/A	IK10	IK10
Weight	0.37kg (0.81lb)	0.38kg (0.84lb)	0.25 kg (0.55 lb)	0.45 kg (0.99 lb)	0.37kg (0.81lb)
Power Consumption	Max 4.5W	Max 5W	Max 5.5W	Max 5W	Max 4.5W
Dimensions (L × W × H)	167.3×62.9×62.7mm (6.6"×2.5"×2.5")	169.4×98.1×92.0mm (6.7"×3.9"×3.6")	162.6 × 62.4 ×62.7 mm (6.4" × 2.5" × 2.5")	Φ 109 x 81 mm (Ø4.29" x 3.2")	Φ 109×81mm (Ø4.3"×3.2")

Model	IPC3612LR3-PF28(40)-D	IPC3232LR3-VSP-D	IPC3232LR3-VSPZ28-D	IPC2322LBR3-SP-D	IPC2322LBR3-SPZ28-D
Appearance					
Axis	3-Axis	3-Axis	3-Axis	3-Axis	3-Axis
Adjustment angle	Pan: 0°~360° Tilt: 0°~90° Rotate: 0°~360°	Pan: 0°~360° Tilt: 0°~80° Rotate: 0°~360°	Pan: 0°~360° Tilt: 0°~80° Rotate: 0°~360°	Pan: 0°~360° Tilt: 0°~90° Rotate: 0°~360°	Pan: 0°~360° Tilt: 0°~90° Rotate: 0°~360°
Sensor	1/2.7"/2MP/CMOS	1/2.7"/2MP/CMOS	1/2.7"/2MP/CMOS	1/2.7"/2MP/CMOS	1/2.7"/2MP/CMOS
Wide Dynamic Range	Digital WDR	Digital WDR	Digital WDR	Digital WDR	Digital WDR
Zoom	Fixed	Manual	Motorized	Manual	Motorized
Lens	Focus: 2.8mm, 4.0mm Iris: F2.0 Angle of view (H): 112.7°/86.5°	Focus: 2.8~12mm Iris: F1.6 Angle of view (H): 95°~28.1°	Focus: 2.8~12mm Iris: F1.6 Angle of view (H): 95°~28.1°	Focus: 2.8~12mm Iris: F1.6 Angle of view (H): 95°~28.1°	Focus: 2.8~12mm Iris: F1.6 Angle of view (H): 95°~28.1°
Iris	Fixed	Fixed	Fixed	Fixed	Fixed
Min. illumination	Color: 0.02Lux (F2.0, AGC ON) 0Lux with IR	Color: 0.01Lux (F1.6, AGC ON) 0Lux with IR	Color: 0.01Lux (F1.6, AGC ON) 0Lux with IR	Color: 0.01Lux (F1.6, AGC ON) 0Lux with IR	Color: 0.01Lux (F1.6, AGC ON) 0Lux with IR
IR	Up to 30m (98ft)	Up to 30m (98ft)	Up to 30m (98ft)	Up to 30m (98ft)	Up to 30m (98ft)
Video Compression	Ultra265, H.265,H.264, MJPEG	Ultra265, H.265,H.264, MJPEG	Ultra265,H.265, H.264, MJPEG	Ultra265, H.265,H.264, MJPEG	Ultra265, H.265,H.264, MJPEG
Smart Function	N/A	N/A	N/A	N/A	N/A
Frame Rate	1920×1080 30fps	1920×1080 30fps	1920×1080 30fps	1920×1080 30fps	1920×1080 30fps
ROI (Region of Interest)	√	√	√	√	√
9:16 Corridor Mode	N/A	N/A	N/A	N/A	N/A
Video Streaming	Triple streams	Triple streams	Triple streams	Triple streams	Triple streams
Privacy Mask	√	√	√	√	√
The number of OSD	Up to 4 OSDs	Up to 4 OSDs	Up to 4 OSDs	Up to 4 OSDs	Up to 4 OSDs
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
BNC	N/A	N/A	N/A	N/A	N/A
Edge Storage	N/A	MicroSD, up to 256GB	MicroSD, up to 256GB	MicroSD, up to 256GB	MicroSD, up to 256GB
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
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	-30°C ~ 60°C (-22°F ~ 140°F)	-40°C ~ 60°C (-40°F ~ 140°F)	-40°C ~ 60°C (-40°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)
Ingress Protection	IP67	IP67	IP67	IP67	IP67
Vandal Resistant	N/A	IK10	IK10	N/A	N/A
Weight	0.3kg (0.66lb)	0.92kg (2.0lb)	0.92kg (2.0lb)	1kg (2.2lb)	1kg (2.2lb)
Power Consumption	Max 4.5W	Max 6.5W	Max 6.5W	Max 6.5W	Max 6.5W
Dimensions (L × W × H)	Φ 118×96mm (Φ 4.6"×3.8")	Φ 148×111.3mm (Φ 5.8"×4.4")	Φ 148×111.3mm (Φ 5.8"×4.4")	253.4×86×71.7mm(9.98"×3.4"×2.8")	253.4×86×71.7mm(9.98"×3.4"×2.8")

Model	IPC2124LR3-PF40(60)M-D	IPC324LR3-VSPF28(40)-D	IPC3614LR3-PF28(40)-D	IPC3234LR3-VSP-D	IPC3234LR3-VSPZ28-D
Appearance					
Axis	3-Axis	2-Axis	3-Axis	3-Axis	3-Axis
Adjustment angle	Pan: 0°~360° Tilt: 0°~90° Rotate: 0°~360°	Pan: 0°~360° Tilt: 0°~75°	Pan: 0°~360° Tilt: 0°~90° Rotate: 0°~360°	Pan: 0°~360° Tilt: 0°~80° Rotate: 0°~360°	Pan: 0°~360° Tilt: 0°~80° Rotate: 0°~360°
Sensor	1/3"/4MP/CMOS	1/3"/4MP/CMOS	1/3"/4MP/CMOS	1/3"/4MP/CMOS	1/3"/4MP/CMOS
Wide Dynamic Range	Digital WDR	Digital WDR	Digital WDR	Digital WDR	Digital WDR
Zoom	Fixed	Fixed	Fixed	Manual	Motorized
Lens	Focus: 4mm, 6mm Iris: F2.0 Angle of view(H): 78.9°/49.9°	Focus: 2.8mm, 4.0mm Iris: F2.0 Angle of view (H): 104.4°/78.9°	Focus: 2.8mm, 4.0mm Iris: F2.0 Angle of view (H):104.4°/78.9°	Focus: 2.8~12mm Iris: F1.6 Angle of view (H): 91°~27°	Focus: 2.8~12mm Iris: F1.6 Angle of view (H): 91°~27°
Iris	Fixed	Fixed	Fixed	Fixed	Fixed
Min. illumination	Color: 0.03Lux (F2.0, AGC ON) 0Lux with IR	Color: 0.03Lux (F2.0, AGC ON) 0Lux with IR	Color: 0.03Lux (F2.0, AGC ON) 0Lux with IR	Color: 0.01Lux (F1.6, AGC ON) 0Lux with IR	Color: 0.01Lux (F1.6, AGC ON) 0Lux with IR
IR	Up to 30m (98ft)	Up to 30m (98ft)	Up to 30m (98ft)	Up to 30m (98ft)	Up to 30m (98ft)
Video Compression	Ultra265, H.265,H.264, MJPEG	Ultra265, H.265, H.264, MJPEG	Ultra265, H.265,H.264, MJPEG	Ultra265, H.265,H.264, MJPEG	Ultra265, H.264, MJPEG
Smart Function	N/A	N/A	N/A	N/A	N/A
Frame Rate	2592×1520 20fps	2592×1520 20fps	2592×1520 20fps; 2048×1520 20fps; 1920×1080 20fps	2592×1520 20fps; 2048×1520 20fps; 1920×1080 20fps	2592×1520 20fps; 2048×1520 20fps; 1920×1080 20fps
ROI (Region of Interest)	√	√	√	√	√
9:16 Corridor Mode	N/A	N/A	N/A	N/A	N/A
Video Streaming	Triple Streams	Triple Streams	Triple streams	Triple streams	Triple streams
Privacy Mask	√	√	√	√	√
The number of OSD	Up to 4 OSDs	Up to 4 OSDs	Up to 4 OSDs	Up to 4 OSDs	Up to 4 OSDs
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
BNC	N/A	N/A	N/A	N/A	N/A
Edge Storage	N/A	N/A	N/A	MicroSD, up to 256GB	MicroSD, up to 256GB
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	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	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°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	IP67
Vandal Resistant	N/A	IK10	N/A	IK10	IK10
Weight	0.37kg (0.81lb)	0.35kg (0.77lb)	0.35kg (0.77lb)	0.92kg (2.0lb)	0.92kg (2.0lb)
Power Consumption	Max 4W	Max 4W	Max 4W	Max 6.0W	Max 6.3W
Dimensions (L × W × H)	167.3×62.9×62.7mm (6.6"×2.5"×2.5")	Φ 109×81mm (Ø4.3"×3.2")	Φ 118×96mm (Φ 4.6"×3.8")	Φ 148×111.3mm (Φ 5.8"×4.4")	Φ 148×111.3mm (Φ 5.8"×4.4")

Model	IPC2324LBR3-SP-D	IPC2324LBR3-SPZ28-D	IPC2125LR3-PF40(60)M-D	IPC325LR3-VSPF28(40)-D	IPC3615LR3-PF28(40)-D
Appearance					
Axis	3-Axis	3-Axis	3-Axis	2-Axis	3-Axis
Adjustment angle	Pan: 0°~360° Tilt: 0°~90° Rotate: 0°~360°	Pan: 0°~360° Tilt: 0°~90° Rotate: 0°~360°	Pan: 0°~360° Tilt: 0°~90° Rotate: 0°~360°	Pan: 0°~360° Tilt: 0°~75°	Pan: 0°~360° Tilt: 0°~90° Rotate: 0°~360°
Sensor	1/3"/4MP/CMOS	1/3"/4MP/CMOS	1/2.7"/5MP/CMOS	1/2.7"/5MP/CMOS	1/2.7"/5MP/CMOS
Wide Dynamic Range	Digital WDR	Digital WDR	Digital WDR	Digital WDR	Digital WDR
Zoom	Manual	Motorized	Fixed	Fixed	Fixed
Lens	Focus: 2.8~12mm Iris: F1.6 Angle of view (H): 104.4°~25°	Focus: 2.8~12mm Iris: F1.6 Angle of view (H): 104.4°~25°	Focus: 4mm, 6mm Iris: F2.0 Angle of view(H): 79.7°/50.5°	Focus: 2.8mm, 4.0mm Iris: F2.0 Angle of view (H): 105.3°/79.7°	Focus: 2.8mm, 4.0mm Iris: F2.0 Angle of view (H):105.3°/79.7°
Iris	Fixed	Fixed	Fixed	Fixed	Fixed
Min. illumination	Color: 0.01Lux (F1.6, AGC ON) 0Lux with IR	Color: 0.01Lux (F1.6, AGC ON) 0Lux with IR	Color: 0.01Lux (F2.0, AGC ON) 0Lux with IR	Color: 0.01Lux (F2.0, AGC ON) 0Lux with IR	Color: 0.01Lux (F2.0, AGC ON) 0Lux with IR
IR	Up to 30m (98ft)	Up to 30m (98ft)	Up to 30m (98ft)	Up to 30m (98ft)	Up to 30m (98ft)
Video Compression	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG
Smart Function	N/A	N/A	N/A	N/A	N/A
Frame Rate	2592×1520 20fps; 2048×1520 20fps; 1920×1080 20fps	2592×1520 20fps; 2048×1520 20fps; 1920×1080 20fps	2592×1944 20fps 2560×1440 20fps 2048×1536 20fps 1920×1080 20fps	2592×1944 20fps 2560×1440 20fps 2048×1536 20fps 1920×1080 20fps	2592×1944 20fps 2560×1440 20fps 2048×1536 20fps 1920×1080 20fps
ROI (Region of Interest)	√	√	√	√	√
9:16 Corridor Mode	N/A	N/A	N/A	N/A	N/A
Video Streaming	Triple streams	Triple streams	Dual streams	Dual streams	Dual streams
Privacy Mask	√	√	√	√	√
The number of OSD	Up to 4 OSDs	Up to 4 OSDs	Up to 4 OSDs	Up to 4 OSDs	Up to 4 OSDs
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
BNC	N/A	N/A	N/A	N/A	N/A
Edge Storage	MicroSD, up to 256GB	MicroSD, up to 256GB	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
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	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)
Ingress Protection	IP67	IP67	IP67	IP67	IP67
Vandal Resistant	N/A	N/A	N/A	IK10	N/A
Weight	1kg (2.2lb)	1kg (2.2lb)	0.37kg (0.81lb)	0.35kg (0.77lb)	0.35kg (0.77lb)
Power Consumption	Max 6.5W	Max 6.5W	Max 4W	Max 4W	Max 4W
Dimensions (L × W × H)	253.4×86×71.7mm (9.98"×3.4"×2.8")	253.4×86×71.7mm(9.98"×3.4"×2.8")	167.3×62.9×62.7mm (6.6"×2.5"×2.5")	Φ 109×81mm (Ø4.3"×3.2")	Φ 118×96 mm (Φ 4.6"×3.8")

Model	IPC3235LR3-VSP-D	IPC3235LR3-VSPZ28-D	IPC2325LBR3-SP-D	IPC2325LBR3-SPZ28-D	IPC2128LR3-DPF28(40)M-F
Appearance					
Axis	3-Axis	3-Axis	3-Axis	3-Axis	3-Axis
Adjustment angle	Pan: 0°~360° Tilt: 0°~80° Rotate: 0°~360°	Pan: 0°~360° Tilt: 0°~80° Rotate: 0°~360°	Pan: 0°~360° Tilt: 0°~90° Rotate: 0°~360°	Pan: 0°~360° Tilt: 0°~90° Rotate: 0°~360°	Pan: 0°~360° Tilt: 0°~90° Rotate: 0°~360°
Sensor	1/2.7"/5MP/CMOS	1/2.7"/5MP/CMOS	1/2.7"/5MP/CMOS	1/2.7"/5MP/CMOS	1/3"/8MP/CMOS
Wide Dynamic Range	Digital WDR	Digital WDR	Digital WDR	Digital WDR	120dB
Zoom	Manual	Motorized	Manual	Motorized	Fixed
Lens	Focus: 2.8~12mm Iris: F1.6 Angle of view (H):25.4°~105.3°	Focus: 2.8~12mm Iris: F1.6 Angle of view (H):25.4°~105.3°	Focus: 2.8~12mm Iris: F1.8 Angle of view (H):105.3°~25.4°	Focus: 2.8~12mm Iris: F1.8 Angle of view (H):105.3°~25.5°	Focus: 2.8mm,4.0mm Iris: F2.0 Angle of view (H):112.7°/86.5°
Iris	Fixed	Fixed	Fixed	Fixed	Fixed
Min. illumination	Color: 0.005Lux (F1.6, AGC ON) 0Lux with IR	Color: 0.005Lux (F1.6, AGC ON) 0Lux with IR	Color: 0.01Lux (F1.8, AGC ON) 0Lux with IR	Color: 0.01Lux (F1.8, AGC ON) 0Lux with IR	Color: 0.05Lux (F2.0, AGC ON) 0Lux with IR
IR	Up to 30m (98ft)	Up to 30m (98ft)	Up to 30m (98ft)	Up to 30m (98ft)	Up to 30m (98ft)
Video Compression	Ultra 265,H.265, H.264,MJPEG	Ultra 265,H.265, H.264,MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra 265,H.265, H.264,MJPEG
Smart Function	N/A	N/A	N/A	N/A	N/A
Frame Rate	2592x1944 20fps 2048x1536 20fps 2560x1440 20fps 1920x1080 20fps	2592x1944 20fps 2560x1440 20fps 2048x1536 20fps 1920x1080 20fps	2592x1944 20fps 2560x1440 20fps 2048x1536 20fps 1920x1080 20fps	2592x1944 20fps 2560x1440 20fps 2048x1536 20fps 1920x1080 20fps	3840x2160 20fps 2944x1656 30fps 2560x1440 20fps 1920x1080 20fps
ROI (Region of Interest)	√	√	√	√	√
9:16 Corridor Mode	N/A	N/A	N/A	N/A	N/A
Video Streaming	Dual streams	Dual streams	Dual streams	Dual streams	Triple streams
Privacy Mask	√	√	√	√	√
The number of OSD	Up to 4 OSDs	Up to 4 OSDs	Up to 4 OSDs	Up to 4 OSDs	Up to 4 OSDs
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
BNC	N/A	N/A	N/A	N/A	N/A
Edge Storage	MicroSD, up to 256GB	MicroSD, up to 256GB	MicroSD, up to 256GB	MicroSD, up to 256GB	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
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)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)
Ingress Protection	IP67	IP67	IP67	IP67	IP67
Vandal Resistant	IK10	IK10	N/A	N/A	N/A
Weight	0.92kg (2.0lb)	0.92kg (2.0lb)	1kg (2.2lb)	1kg (2.2lb)	0.45kg (0.99lb)
Power Consumption	Max 8.7W	Max 8.7W	Max 7.0W	Max 7.0W	Max 5.5W
Dimensions (L × W × H)	Φ 148 x 111.3 mm (Ø5.8" x 4.4")	Φ 148 x 111.3 mm (Ø5.8" x 4.4")	253.4×86×71.7mm(9.98"×3.4"×2.8")	253.4×86×71.7mm(9.98"×3.4"×2.8")	167.3×62.9×62.7 mm(6.6"×2.5"×2.5")

Model	IPC328LR3-DVSPF28(40)-F	IPC3618LR3-DPF28(40)-F
Appearance		
Axis	3-Axis	3-Axis
Adjustment angle	Pan: 0°~360° Tilt: 0°~68° Rotate: 0°~360°	Pan: 0°~360° Tilt: 0°~80° Rotate: 0°~360°
Sensor	1/3"/8MP/CMOS	1/3"/8MP/CMOS
Wide Dynamic Range	120dB	120dB
Zoom	Fixed	Fixed
Lens	Focus: 2.8mm,4.0mm Iris: F2.0 Angle of view (H):112.7°/86.5°	Focus: 2.8mm,4.0mm Iris: F2.0 Angle of view (H):112.7°/86.5°
Iris	Fixed	Fixed
Min. illumination	Color: 0.05Lux (F2.0, AGC ON) 0Lux with IR	Color: 0.05Lux (F2.0, AGC ON) 0Lux with IR
IR	Up to 30m (98ft)	Up to 30m (98ft)
Video Compression	Ultra 265,H.265, H.264,MJPEG	Ultra 265,H.265, H.264,MJPEG
Smart Function	N/A	N/A
Frame Rate	3840x2160 20fps 2944x1656 30fps 2560x1440 30fps 1920x1080 30fps	3840x2160 20fps 2592x1944 30fps 2944x1656 30fps 2560x1440 30fps 1920x1080 30fps
ROI (Region of Interest)	√	√
9:16 Corridor Mode	N/A	N/A
Video Streaming	Triple streams	Triple streams
Privacy Mask	√	√
The number of OSD	Up to 4 OSDs	Up to 4 OSDs
Audio I/O	N/A	N/A
Alarm I/O	N/A	N/A
BNC	N/A	N/A
Edge Storage	N/A	N/A
Network Interface	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet
Reset Button	N/A	N/A
Power	DC 12V ±25% PoE (IEEE 802.3af)	DC 12V ±25% PoE (IEEE 802.3af)
Working Environment	-35°C ~ +60°C (-31°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)
Ingress Protection	IP67	IP67
Vandal Resistant	IK10	N/A
Weight	0.45kg (0.99lb)	0.33kg (0.73lb)
Power Consumption	Max 5.5W	Max 5W
Dimensions (L × W × H)	Φ 109 x 81mm (Ø4.3" x 3.2")	Φ 118×96mm (Φ 4.6"×3.8")

Model	IPC6412LR3-X5P	IPC6322SR-X22P-C
Appearance		
Low Light Performance	Low-light	Low-light
Adjustment angle	N/A	N/A
Sensor	1/2.9"/2MP/CMOS	1/2.9"/2MP/CMOS
Lens	Focus:2.7~13.5mm Iris: F1.2 Angle of view (H): 110.4°~23.4°	Focus: 5.2~ 114.4mm Iris: F1.5 Angle of view (H): 54.40°~3.44°
Optical Zoom	5X	22x
WDR	Digital WDR	Digital WDR
Iris	Fixed	DC-Iris
Min. illumination	Colour: 0.03 lux (F1.2,AGC ON) 0 lux with IR	Color: 0.01Lux (F1.5, AGC ON) 0Lux with IR
Pan Range	350°	360°
Pan Speed	0.1°/s ~ 60°/s	0.1°/s ~ 300°/s
Tilt Range	0° ~ 90°	-15° ~ +90°
Tilt Speed	0.1° ~ 50°/s	0.1° ~ 80°/s
ROI (Region of Interest)	√	√
IR	UP to 30m (98ft)	Up to 150m (492ft)
Video Compression	Ultra 265,H.265, H.264, MJPEG	Ultra 265, H.264, MJPEG
Smart Function	N/A	√
The number of OSD	Up to 4 OSDs	Up to 8 OSDs
Frame Rate	1920×1080 30fps	1920×1080 30fps
Video Streaming	Triple streams	Triple streams
BNC	N/A	N/A
Privacy Mask	√	√
Patrol	N/A	√
Preset	1024	1024
Audio I/O	Built-in Mic	1 / 1
Alarm I/O	N/A	1 / 1
Edge Storage	MicroSD, up to 256GB	MicroSD, up to 256GB
Network Interface	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet
Reset Button	√	√
Power	DC 12V ±25% PoE (IEEE 802.3af)	DC 12V ±10% PoE (-P, PSE Required)
Ingress Protection	N/A	IP66
Working Environment	-10°C ~ +50°C (14°F ~ 122°F)	-40°C ~ 65°C (-40°F ~ 149°F)
Weight	0.75kg(1.65lb)	3kg (6.6lb)
Power Consumption	11W	16 ~ 30W
Dimensions	Φ 129mm×143mm(Φ 5.07" x5.63")	Φ 215×344mm (Φ 8.5" x13.5")

Model	IPC6322SR-X33DUP-C	IPC6322LR-X22-C	IPC6322LR-X33DU-C
Appearance			
Low illumination characteristics	Starlight	Low-light	Starlight
Adjustment angle	N/A	N/A	N/A
Sensor	1/2.8"/2MP/CMOS	1/2.9"/2MP/CMOS	1/2.8"/2MP/CMOS
Lens	Focus: 4.5~ 148.5mm Iris: F1.5 Angle of view (H): 76.8°~2.1°	Focus: 5.2~ 114.4mm Iris: F1.5 Angle of view (H): 54.40°~3.44°	Focus: 4.5~ 148.5mm Iris: F1.5 Angle of view (H): 76.8°~2.1°
Optical Zoom	33x	22x	33x
WDR	120dB True WDR	Digital WDR	120dB True WDR
Iris	DC-Iris	DC-Iris	DC-Iris
Min. illumination	Color: 0.001Lux (F1.5, AGC ON) 0Lux with IR	Color: 0.01Lux (F1.5, AGC ON) 0Lux with IR	Color: 0.001Lux (F1.5, AGC ON) 0Lux with IR
Pan Range	360°	360°	360°
Pan Speed	0.1°/s ~ 300°/s	0.1°/s ~ 300°/s	0.1°/s ~ 300°/s
Tilt Range	-15° ~ +90°	-15° ~ +90°	-15° ~ +90°
Tilt Speed	0.1° ~ 80°/s	0.1° ~ 80°/s	0.1° ~ 80°/s
ROI (Region of Interest)	√	√	√
IR	Up to 150m (492ft)	Up to 150m (492ft)	Up to 150m (492ft)
Video Compression	Ultra 265, H.264, MJPEG	Ultra 265, H.264, MJPEG	Ultra 265, H.264, MJPEG
Smart Function	√	√	√
The number of OSD	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs
Frame Rate	1920×1080 30fps	1920×1080 30fps	1920×1080 30fps
Video Streaming	Triple streams	Triple streams	Triple streams
BNC	1	N/A	1
Privacy Mask	√	√	√
Patrol	√	√	√
Preset	1024	1024	1024
Audio I/O	1 / 1	N/A	1 / 1
Alarm I/O	2 / 1	N/A	2 / 1
Edge Storage	MicroSD, up to 256GB	MicroSD, up to 256GB	MicroSD, up to 256GB
Network Interface	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet
Reset Button	√	√	√
Power	DC 12V ±10% PoE (-P, PSE Required)	DC 12V ±10%	DC 12V ±10%
Ingress Protection	IP66	IP66	IP66
Working Environment	-40°C ~ 65°C (-40°F ~ 149°F)	-40°C ~ 65°C (-40°F ~ 149°F)	-40°C ~ 65°C (-40°F ~ 149°F)
Weight	3kg (6.6lb)	3kg (6.6lb)	3kg (6.6lb)
Power Consumption	16 ~ 30W	16 ~ 30W	16 ~ 30W
Dimensions	Φ215×344mm (Φ8.5" x13.5")	Φ215×344mm (Φ8.5" x13.5")	Φ215×344mm (Φ8.5" x13.5")

Model		NVR301-04LB	NVR301-08LB	NVR301-04B	NVR301-08B	NVR301-04LB-P4
Appearance						
Video/Audio Input	IP Video Input	4-ch	8-ch	4-ch	8-ch	4-ch
	Analog Video Input	N/A	N/A	N/A	N/A	N/A
	Input Bandwidth	40Mbps	40Mbps	40Mbps	40Mbps	40Mbps
	Audio Input	N/A	N/A	N/A	N/A	N/A
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	N/A
	Outgoing Bandwidth	40Mbps	40Mbps	40Mbps	40Mbps	40Mbps
	Decoding Capability	4-ch@720P 4-ch@1080P	4-ch@720P 4-ch@1080P	4-ch@720P 4-ch@1080P	4-ch@720P 4-ch@1080P	4-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 RJ45 100M	1 x RJ45 100M	1 x RJ45 100M	1 x RJ45 100M	1 x RJ45 100M
	PoE	N/A	N/A	N/A	N/A	4 x PoE+
	Serial Interface	N/A	N/A	N/A	N/A	N/A
	USB Interface	2 x USB2.0	2 x USB2.0	2 x USB2.0	2 x USB2.0	2 x USB2.0
	Alarm I/O	N/A	N/A	N/A	N/A	N/A
Other	Power Supply	12V DC	12V DC	12V DC	12V DC	48V DC, 1.35A
	Power Consumption	≤3.2W (without HDD)	≤3.2W (without HDD)	≤3.2W (without HDD)	≤3.2W (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(W×D×H)	205mm×205mm×42mm (8.1"×8.1"×1.7")	205mm×205mm×42mm (8.1"×8.1"×1.7")	260mm×240mm×44mm (10.2"×9.5"×1.7")	260mm×240mm×44mm (10.2"×9.5"×1.7")	205mm×205mm×42mm (8.1"×8.1"×1.7")
	Weight(Without HDD)	0.51kg	0.51kg	≤1kg	≤1kg	0.64kg

Model		NVR301-08LB-P8	NVR301-04B-P4	NVR301-08B-P8	NVR301-04S	NVR301-08S
Appearance						
Video/Audio Input	IP Video Input	8-ch	4-ch	8-ch	4-ch	8-ch
	Analog Video Input	N/A	N/A	N/A	N/A	N/A
	Input Bandwidth	40Mbps	40Mbps	40Mbps	40 Mbps	48Mbps
	Audio Input	N/A	N/A	N/A	N/A	N/A
Video/Audio Output	HDMI	1	1	1	1	1
	VGA	1	1	1	1	1
	Audio Output	N/A	N/A	N/A	1	1
	Outgoing Bandwidth	40Mbps	40Mbps	40Mbps	48Mbps	48Mbps
	Decoding Capability	4-ch@720P 4-ch@1080P	4-ch@720P 4-ch@1080P	4-ch@720P 4-ch@1080P	4-ch@1080P 1-ch@8MP	8-ch@720P 4-ch@1080P 1-ch@8MP
Storage	HDD	1 SATA interface	1 SATA interface	1 SATA interface	1 SATA interface	1 SATA interface
External Interface	Network Interface	1 x RJ45 100M	1 x RJ45 100M	1 x RJ45 100M	1 x RJ45 100M	1 x RJ45 100M
	PoE	8 x PoE+	4 x PoE+	8 x PoE+	N/A	N/A
	Serial Interface	N/A	N/A	N/A	N/A	N/A
	USB Interface	2 x USB2.0	2 x USB2.0	2 x USB2.0	2 x USB2.0	2 x USB2.0
	Alarm I/O	N/A	N/A	N/A	N/A	N/A
Other	Power Supply	52V DC, 1.8A	48V DC, 1.35A	52V DC, 1.8A	12V DC,1.5A	12V DC,1.5A
	Power Consumption	≤5.55W (without HDD)	≤5W (without HDD)	≤5.55W (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(W×D×H)	270mm×205mm×42mm (10.6"×8.1"×1.7")	260mm×240mm×44mm (10.2"×9.5"×1.7")	260mm×240mm×44mm (10.2"×9.5"×1.7")	260mm × 240mm × 44mm (10.2" × 9.5" ×1.7")	260mm × 240mm × 44mm (10.2" × 9.5" ×1.7")
	Weight(Without HDD)	≤1kg	≤1kg	≤1kg	≤1kg	≤1kg

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
	Analog Video Input	N/A	N/A	N/A	N/A	N/A
	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	4-ch@1080P 1-ch@8MP	8-ch@720P 4-ch@1080P 1-ch@8MP	16-ch@D1 8-ch@720P 4-ch@1080P 1-ch@8MP	4-ch@1080P 1-ch@8MP	8-ch@720P 4-ch@1080P 1-ch@8MP
Storage	HDD	1 SATA interface	1 SATA interface	1 SATA interface	1 SATA interface	1 SATA interface
External Interface	Network Interface	1 x RJ45 100M	1 x RJ45 100M	1 x RJ45 100M	1 x RJ45 100M	1 x RJ45 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(W×D×H)	260mm × 240mm ×44mm (10.2" × 9.4" ×1.7")	260mm × 240mm ×44mm (10.2" × 9.4" ×1.7")	260mm × 240mm ×44mm (10.2" × 9.4" ×1.7")	260mm × 240mm ×44mm (10.2" × 9.4" ×1.7")	260mm × 240mm ×44mm (10.2" × 9.4" ×1.7")
	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	NVR302-09S
Appearance						
Video/Audio Input	IP Video Input	16-ch	4-ch	8-ch	16-ch	9-ch
	Analog Video Input	N/A	N/A	N/A	N/A	N/A
	Input Bandwidth	60 Mbps	40 Mbps	60 Mbps	60 Mbps	90Mbps
	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	72Mbps
	Decoding Capability	16-ch@D1 8-ch@720P 4-ch@1080P 1-ch@8MP	4-ch@1080P 1-ch@8MP	8-ch@720P 4-ch@1080P 1-ch@8MP	16-ch@D1 8-ch@720P 4-ch@1080P 1-ch@8MP	9-ch@D1 8-ch@720P 4-ch@1080P 1-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 RJ45 100M	1 x RJ45 100M	1 x RJ45 100M	1 x RJ45 100M	1 x RJ45 1000M
	PoE	8 x PoE+	4 x PoE+	8 x PoE+	8 x PoE+	N/A
	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	2x USB2.0
	Alarm I/O	4/1	N/A	N/A	N/A	N/A
Other	Power Supply	52V DC, 1.8A	48V DC, 1.25A	52V DC, 1.8A	52V DC, 1.8A	12V DC, 2A
	Power Consumption	≤5W (without HDD)	≤5W (without HDD)	≤5W (without HDD)	≤5W (without HDD)	≤9W (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(W×D×H)	260mm × 240mm ×44mm (10.2" × 9.4" ×1.7")	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 (15.0"×12.4"×1.9")
	Weight(Without HDD)	≤1.03kg	≤0.59kg	≤0.68kg	≤0.68kg	≤1.6kg

Model		NVR302-16S	NVR302-08S-P8	NVR302-16S-P8	NVR302-16S-P16	NVR302-32S
Appearance						
Video/Audio Input	IP Video Input	16-ch	8-ch	16-ch	16-ch	32-ch
	Analog Video Input	N/A	N/A	N/A	N/A	N/A
	Input Bandwidth	112 Mbps	64 Mbps	112 Mbps	112 Mbps	160 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	1	1	1	1
	Outgoing Bandwidth	96 Mbps	96 Mbps	96 Mbps	96 Mbps	64 Mbps
	Decoding Capability	16-ch@D1 8-ch@720P 4-ch@1080P 1-ch@8MP	8-ch@720P 4-ch@1080P 1-ch@8MP	16-ch@D1 8-ch@720P 4-ch@1080P 1-ch@8MP	16-ch@D1 8-ch@720P 4-ch@1080P 1-ch@8MP	32-ch@D1 16-ch@720P 8-ch@1080P 2-ch@8MP
Storage	HDD	2 SATA interfaces	2 SATA interfaces	2 SATA interfaces	2 SATA interfaces	2 SATA interfaces
External Interface	Network Interface	1 x RJ45 1000M	1 x RJ45 1000M	1 x RJ45 1000M	1 x RJ45 1000M	2 x RJ45 1000M
	PoE	N/A	8 x PoE+	8 x PoE+	16 x PoE+	N/A
	Serial Interface	N/A	N/A	N/A	N/A	N/A
	USB Interface	2 x USB2.0	2 x USB2.0	2 x USB2.0	2 x USB2.0	2 x USB2.0 1 x USB3.0
	Alarm I/O	N/A	4/1	4/1	4/1	N/A
Other	Power Supply	12V DC, 2A	52V DC, 2.5A	52V DC, 4.6A	52V DC, 4.6A	12V DC, 3.3A
	Power Consumption	≤9W (without HDD)	≤9W (without HDD)	≤9W (without HDD)	≤9W (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(W×D×H)	380mm×315mm×49mm (15.0"×12.4"×1.9")	380mm×315mm×49mm (15.0"×12.4"×1.9")	380mm×315mm×49mm (15.0"×12.4"×1.9")	380mm×315mm×49mm (15.0"×12.4"×1.9")	380mm×315mm×49mm (15.0"×12.4"×1.9")
	Weight(Without HDD)	≤1.6kg	≤1kg	≤1kg	≤1kg	≤2.48kg

Model		NVR304-16S	NVR304-32S	NVR301-08LX-P8	NVR301-08X-P8	NVR301-04S2
Appearance						
Video/Audio Input	IP Video Input	16-ch	32-ch	8-ch	8-ch	4-ch
	Analog Video Input	N/A	N/A	N/A	N/A	N/A
	Input Bandwidth	96 Mbps	160 Mbps	64 Mbps	64 Mbps	40 Mbps
	Audio Input	1-ch	1-ch	1-ch	1-ch	N/A
Video/Audio Output	HDMI	1	1	1	1	1
	VGA	1	1	1	1	1
	Audio Output	1	1	1	1	1
	Outgoing Bandwidth	64 Mbps	64 Mbps	64 Mbps	64 Mbps	40 Mbps
	Decoding Capability	16-ch@720P 8-ch@1080P 2-ch@8MP	32-ch@D1 16-ch@720P 8-ch@1080P 2-ch@8MP	8-ch@1080P 2-ch@8MP	8-ch@1080P 2-ch@8MP	4-ch@1080P 1-ch@5MP
Storage	HDD	4 SATA interfaces	4 SATA interfaces	1 SATA interface	1 SATA interface	1 SATA interface
External Interface	Network Interface	2 x RJ45 1000M	2 x RJ45 1000M	1 x RJ45 100M	1 x RJ45 100M	1 x RJ45 100M
	PoE	N/A	N/A	8 x PoE+	8 x PoE+	N/A
	Serial Interface	N/A	N/A	N/A	N/A	N/A
	USB Interface	2 x USB2.0 1 x USB3.0	2 x USB2.0 1 x USB3.0	1x USB2.0 1 x USB3.0	1x USB2.0 1 x USB3.0	2 x USB2.0
	Alarm I/O	N/A	N/A	N/A	N/A	N/A
Other	Power Supply	12V DC,5A	12V DC,5A	52V DC, 1.8A	52V DC, 1.8A	12V DC,1.5A
	Power Consumption	≤15W (without HDD)	≤15W (without HDD)	≤9W (without HDD)	≤9W (without HDD)	≤9W (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(W×D×H)	440mm × 344mm ×44mm (17.3" × 13.5" ×1.7")	440mm × 344mm ×44mm (17.3" × 13.5" ×1.7")	270mm × 205mm × 47mm (10.6"×8.1"×1.9")	270mm × 205mm × 47mm (10.6"×8.1"×1.9")	260mm × 240mm × 46mm (10.2"×9.4"×1.8")
	Weight(Without HDD)	≤3.15kg	≤3.15kg	0.7 kg	0.7 kg	1kg

Model		NVR301-08S2	NVR301-08S2-P8	NVR301-08LS2-P8	NVR301-04S2-P4	NVR301-04LS2-P4
Appearance						
Video/Audio Input	IP Video Input	8-ch	8-ch	8-ch	4-ch	4-ch
	Analog Video Input	N/A	N/A	N/A	N/A	N/A
	Input Bandwidth	50 Mbps	50 Mbps	50 Mbps	40 Mbps	40 Mbps
	Audio Input	N/A	N/A	N/A	N/A	N/A
Video/Audio Output	HDMI	1	1	1	1	1
	VGA	1	1	1	1	1
	Audio Output	1	1	1	1	1
	Outgoing Bandwidth	40 Mbps	40 Mbps	40 Mbps	40 Mbps	40 Mbps
	Decoding Capability	8-ch@720P 1-ch@5MP	8-ch@720P 1-ch@5MP	8-ch@720P 1-ch@5MP	4-ch@1080P 1-ch@5MP	4-ch@1080P 1-ch@5MP
Storage	HDD	1 SATA interface	1 SATA interface	1 SATA interface	1 SATA interface	1 SATA interface
External Interface	Network Interface	1 x RJ45 100M	1 x RJ45 100M	1 x RJ45 100M	1 x RJ45 100M	1 x RJ45 100M
	PoE	N/A	8 x PoE+	8 x PoE+	4 x PoE+	4x PoE+
	Serial Interface	N/A	N/A	N/A	N/A	N/A
	USB Interface	2 x USB2.0	2 x USB2.0	2 x USB2.0	2 x USB2.0	2 x USB2.0
	Alarm I/O	N/A	N/A	N/A	N/A	N/A
Other	Power Supply	12V DC,1.5A	52V DC, 1.8A	52V DC, 1.8A	48V/1.35A	48V/1.35A
	Power Consumption	≤9W (without HDD)	≤9W (without HDD)	≤9W (without HDD)	≤9W (without HDD)	≤9W (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(W×D×H)	260mm × 240mm × 46mm (10.2"×9.4"×1.8")	260mm × 240mm × 46mm (10.2"×9.4"×1.8")	270mm*205mm*45mm (10.6"×8.07"×1.7")	260mm×240mm×46mm (10.2"×9.4"×1.8")	205mm*205mm*45mm (8.07" × 8.07" × 1.7")
	Weight(Without HDD)	1kg	1kg	0.8kg	1kg	0.55kg

PoE Kit

Model	KIT/301-04LB-P4/4*2122LR3-PF40-D	KIT/301-04LB-P4/4*2122LR3-PF40M-D	KIT/301-04B-P4/4*2122LR3-PF40M-D	KIT/301-08LB-P8/4*2122LR3-PF40M-D
Appearance				
Type	PoE Kit	PoE Kit	PoE Kit	PoE Kit
IPC	4 * IPC2122LR3-PF40-D	4 * IPC2122LR3-PF40M-D	4 * IPC2122LR3-PF40M-D	4 * IPC2122LR3-PF40M-D
NVR	1 * NVR301-04LB-P4	1 * NVR301-04LB-P4	1 * NVR301-04B-P4	1 * NVR301-08LB-P8

Model	KIT/301-08LB-P8/8*2122LR3-PF40M-D	KIT/301-04LB-P4/4*3612LR3-PF28-D	KIT/301-08LB-P8/4*3612LR3-PF28-D	KIT/301-04LB-P4/4*322LR3-VSPF28-D
Appearance				
Type	PoE Kit	PoE Kit	PoE Kit	PoE Kit
IPC	8 * IPC2122LR3-PF40M-D	4 * IPC3612LR3-PF28-D	4 * IPC3612LR3-PF28-D	4 * IPC322LR3-VSPF28-D
NVR	1 * NVR301-08LB-P8	1 * NVR301-04LB-P4	1 * NVR301-08LB-P8	1 * NVR301-04LB-P4

Wi-Fi Kit

Model	KIT/301-08LB-P8/4*322LR3-VSPF28-D	KIT/301-04LB-P4/4*2122LR3-PF40-E	Model	KIT/301-04LB-W/4*2122SR3-F40W-D	KIT/301-04LB-W/4*322SR3-VSF28W-D
Appearance			Appearance		
Type	PoE Kit	PoE Kit	Type	Wi-Fi Kit	Wi-Fi Kit
IPC	4 * IPC322LR3-VSPF28-D	4*2122LR3-PF40-E	IPC	4 * IPC2122SR3-F40W-D	4 * IPC322SR3-VSF28W-D
NVR	1 * NVR301-08LB-P8	1*301-04LB-P4	NVR	1* NVR301-04LB-W	1* NVR301-04LB-W



Network Camera & NVR

It is unbelievable that you can always find ideal products in UNV Prime series which has more advanced functions to implement excellent performance. Prime series contains standard and enhanced cameras and NVRs which have a wide range of smart functions, resolutions and high-quality video content intelligent analysis. Various mainstream resolutions such as 2/4/5/8MP are available for whole series and can present different levels of image quality. VCA of recorders, including face detection, intrusion detection, and defocus detection, are able to improve management efficiency greatly. Therefore, products from Prime family are commonly used in commercial building, park, and small project application to effectively guarantee security.





IPC2222ER5-DUPF40(60)-C

- Backside illumination technology sensor, F1.2 big iris
- Smart function: face detection, intrusion detection, scene change, crossing line detection, auto tracking, defocus detection, audio exception
- Minimum 0.0005 Lux illumination, produce clear image at low light situation
- 120dB true WDR
- Support up to 128GB Micro SD card storage



IPC3635ER3-DUPZ



NVR308-64R-B

- Multiple innovative video output design: video ports can output pictures individually so live view and playback can be displayed simultaneously
- Support 4K video output, bring much more detail in image than ever
- Up to 12MP HD resolution video record, meet industry-leading requirement
- Professional RAID ensures complete video data storage

StarView Series

StarView series can produce crystal clear video at up to 0.0005 lux low illumination, which redefined starlight. It supports 2MP and 5MP and backside illumination (BSI) sensor applies a big Iris lens at up to F1.2 to allow more light in. Meanwhile, the unique ISP technology can help to produce no smearing image at Low-Blur mode.

Smart Functions

Cameras in Prime series all embedded smart functions. For instance, crossing line, intrusion, face detection, audio exception, scene change, tampering, defocus, people counting, object abandon/removal and auto-tracking. Now, people counting function is upgraded by counting people faces in the video.

Environment Adaptability

Environment adaptability includes network adaptability for packet loss, image adaptability for different surveillance scenes (Starlight mode for low light, auto WDR/HLC/Defog, and Smart IR) and environment adaptability (auto heating at low temperature and snow removal).

More Efficient More Reliable

Prime series IP cameras support wide working temperature range and input voltage. In the IK10 dome cameras, the professional FFC cable can deliver a better EMC test result. Image distortion rectifying algorithm is used for all wide angle lens at wide side.

Prime series NVRs have many functions for supermarket and shopping mall, for example,

POS, Heat Map, Fisheyes to facilitate different business. N+1 architecture was introduced to guarantee the stability of storage service in case of system failure. Excellent quality components like maglev fan and high quality capacitance are also used to ensure high quality.

Deep Learning Intelligence

The NVRs in Prime Series can provide accurate and real-time face comparison when used with Smart Bar which is powered by deep learning neural network algorithm. It is suitable for personnel identification application in different scenarios like buildings, communities, parks, chain stores, gas stations, supermarkets etc.

Model	IPC2122SR3-PF40(60)-C	IPC2122SR3-APF40(60)-C	IPC2122SR3-UPF40(60)-C	IPC2222ER5-DUPF40(60)-C	IPC2222EBR5-HDUPF40/60
Appearance					
Axis	3-Axis	3-Axis	3-Axis	3-Axis	3-Axis
Low illumination characteristics	Low-light	Low-light	Starlight	Starlight	Starlight
Adjustment angle	Pan: 0°~360° Tilt: 0°~90° Rotate: 0°~360°	Pan: 0°~360° Tilt: 0°~90° Rotate: 0°~360°	Pan: 0°~360° Tilt: 0°~90° Rotate: 0°~360°	Pan: 0°~360° Tilt: 0°~90° Rotate: 0°~360°	Pan: 0°~360° Tilt: 0°~90° Rotate: 0°~360°
Sensor	1/2.7"/2MP/CMOS	1/2.7"/2MP/CMOS	1/2.8"/2MP/CMOS	1/2.8"/2MP/CMOS	1/2.8"/2MP/CMOS
Wide Dynamic Range	Digital WDR	Digital WDR	120dB True WDR	120dB True WDR	120dB True WDR
Zoom	Fixed	Fixed	Fixed	Fixed	Fixed
Lens	Focus: 4mm, 6mm Iris: F1.6 Angle of view(H): 80.8°/54.9°	Focus: 4mm, 6mm Iris: F1.6 Angle of view(H):80.8°/54.9°	Focus: 4mm, 6mm Iris: F1.6 Angle of view(H): 78.7°/53.3°	Focus: 4mm, 6mm Iris: F1.2 Angle of view(H):78.7°/53.3°	Focus: 4mm, 6mm Iris: F1.6 Angle of view(H): 78.7°/53.3°
Iris	Fixed	Fixed	Fixed	Fixed	Fixed
Min. illumination	Color: 0.005Lux (F1.6, AGC ON) 0Lux with IR	Color: 0.005Lux (F1.6, AGC ON) 0Lux with IR	Color: 0.001Lux (F1.6, AGC ON) 0Lux with IR	Color: 0.0005Lux (F1.2, AGC ON) 0Lux with IR	Color: 0.001Lux (F1.6, AGC ON) 0Lux with IR on
IR	Up to 30m (98ft)	Up to 30m (98ft)	Up to 30m (98ft)	Up to 50m (164ft)	Up to 50m (164ft)
Video Compression	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG
Smart Function	√	√	√	√	√
Frame Rate	1920×1080 30fps	1920×1080 30fps	1920×1080 30fps	1920×1080 30fps	1920×1080 60fps(WDR OFF)
ROI (Region of Interest)	√	√	√	√	√
9:16 Corridor Mode	√	√	√	√	√
Video Streaming	Triple Streams	Triple streams	Triple streams	Triple streams	Triple streams
Privacy Mask	√	√	√	√	√
The number of OSD	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs
Audio I/O	N/A	Built-in Mic	N/A	N/A	1 / 1
Alarm I/O	N/A	1 / 1	N/A	N/A	1 / 1
BNC	N/A	N/A	N/A	N/A	1
Edge Storage	N/A	N/A	N/A	MicroSD, up to 256GB	MicroSD, up to 256GB
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	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	IP67	IP67	IP67	IP67	IP67
Vandal Resistant	N/A	N/A	N/A	N/A	N/A
Weight	0.45kg (0.99lb)	0.45kg (0.99lb)	0.45kg (0.99lb)	1kg (2.2lb)	1kg (2.2lb)
Power Consumption	Max 6W	Max 6W	Max 6W	Max 9W	Max 7.5W
Dimensions(L × W × H)	157.3×62.4×63mm(6.2"×2.5"×2.5")	157.3×62.4×63mm(6.2"×2.5"×2.5")	157.3×62.4×63mm (6.2"×2.5"×2.5")	253.4×86×71.7mm (9.98"×3.4"×2.8")	253.4×86×71.7mm (9.98"×3.4"×2.8")

Model	IPC322SR3-VSPF28(40)-C	IPC322SR3-DVPF28(40)-C	IPC322ER3-DUVPF28(40)-C	IPC3612ER3-PF28(40)-C	IPC3612ER3-PF28(40)M-C
Appearance					
Axis	2-Axis	3-Axis	3-Axis	3-Axis	3-Axis
Low illumination characteristics	Low-light	Low-light	Starlight	Low-light	Low-light
Adjustment angle	Pan: 0°~360° Tilt: 0°~75°	Pan: 0°~360° Tilt: 0°~75° Rotate: 0°~360°	Pan: 0°~360° Tilt: 0°~75° Rotate: 0°~360°	Pan: 0°~360° Tilt: 0°~90° Rotate: 0°~360°	Pan: 0°~360° Tilt: 0°~90° Rotate: 0°~360°
Sensor	1/2.9"/2MP/CMOS	1/2.8"/2MP/CMOS	1/2.8"/2MP/CMOS	1/2.7"/2MP/CMOS	1/2.7"/2MP/CMOS
Wide Dynamic Range	Digital WDR	120dB True WDR	120dB True WDR	Digital WDR	Digital WDR
Zoom	Fixed	Fixed	Fixed	Fixed	Fixed
Lens	Focus: 2.8mm, 4mm Iris: F2.0 Angle of view (H): 109.9°/80.8°	Focus: 2.8mm, 4.0mm Iris: F2.0 Angle of view (H): 112.7°/86.5°	Focus: 2.8mm, 4.0mm Iris: F1.6 Angle of view (H): 112.7°/86.5°	Focus: 2.8mm, 4mm Iris: F1.6 Angle of View (H): 112.7°/86.5°	Focus: 2.8mm, 4mm Iris: F1.6 Angle of View (H): 112.7°/86.5°
Iris	Fixed	Fixed	Fixed	Fixed	Fixed
Min. illumination	Color: 0.005Lux (F2.0, AGC ON) 0Lux with IR	Color: 0.003Lux (F2.0 AGC ON) 0Lux with IR	Color: 0.001Lux (F1.6, AGC ON) 0Lux with IR	Color: 0.005Lux (F1.6, AGC ON) 0Lux with IR	Color: 0.005Lux (F1.6, AGC ON) 0Lux with IR
IR	Up to 30m (98ft)	Up to 30m (98ft)	Up to 30m (98ft)	Up to 30m (98ft)	Up to 30m (98ft)
Video Compression	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG
Smart Function	√	√	√	√	√
Frame Rate	1920×1080 30fps	1920×1080 30fps	1920×1080 30fps	1920×1080 30fps	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	√	√	√	√	√
The number of OSD	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs
Audio I/O	N/A	2 / 1 (Stereo)	2 / 1 (Stereo)	N/A	N/A
Alarm I/O	N/A	1 / 1	1 / 1	N/A	N/A
BNC	N/A	N/A	N/A	N/A	N/A
Edge Storage	MicoSD, up to 256G	MicoSD, up to 256G	MicoSD, up to 256G	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)	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	IP67	IP67	IP67	IP67	IP67
Vandal Resistant	IK10	IK10	IK10	N/A	N/A
Weight	0.35kg (0.77lb)	0.45kg (0.99lb)	0.45kg (0.99lb)	0.33 kg (0.73lb)	0.45kg (0.99lb)
Power Consumption	Max 4W	Max 4W	Max 4W	Max 4.5W	Max 4.5W
Dimensions(L × W × H)	Φ 108.5×81mm (Φ4.28"×3.2")	Φ 108.5×81mm (Φ4.28"×3.2")	Φ 108.5×81mm (Φ4.28"×3.2")	Φ 126×94mm (Φ 5.0"×3.7")	Φ 126×94mm (Φ 5.0"×3.7")

Model	IPC312SR-VPF28(40)-C	IPC2322EBR5-P-C	IPC2322EBR5-DPZ28-C	IPC2322EBR5-HDUPZ	IPC2322EBR5-DUPZ-C
Appearance					
Axis	3-Axis	3-Axis	3-Axis	3-Axis	3-Axis
Low illumination characteristics	Low-light	Low-light	Low-light	Starlight	Starlight
Adjustment angle	Pan: 0°~90° Tilt: 0°~65° Rotate: 0°~360°	Pan: 0°~360° Tilt: 0°~90° Rotate: 0°~360°	Pan: 0°~360° Tilt: 0°~90° Rotate: 0°~360°	Pan: 0°~360° Tilt: 0°~90° Rotate: 0°~360°	Pan: 0°~360° Tilt: 0°~90° Rotate: 0°~360°
Sensor	1/2.9"/2MP/CMOS	1/2.8"/2MP/CMOS	1/2.8"/2MP/CMOS	1/2.8"/2MP/CMOS	1/2.8"/2MP/CMOS
Wide Dynamic Range	Digital WDR	120dB True WDR	120dB True WDR	120dB True WDR	120dB True WDR
Zoom	Fixed	Manual	Motorized	Motorized	Motorized
Lens	Focus: 2.8mm, 4.0mm Iris: F2.0 Angle of view (H): 107.8°/82.0°	Focus: 2.8 ~ 12mm Iris: F1.6 Angle of view(H): 94.0° ~ 28°	Focus: 2.8 ~ 12mm Iris: F1.6 Angle of view(H): 94.0° ~ 28°	Focus: 2.7 ~ 13.5mm Iris: F1.2 Angle of view(H): 121.36°~33.51°	Focus: 2.7 ~ 13.5mm Iris: F1.2 Angle of view:(H): 121.36°~33.51°
Iris	Fixed	Fixed	Fixed	Fixed	Fixed
Min. illumination	Color: 0.005Lux (F2.0, AGC ON) 0Lux with IR	Color: 0.001Lux (F1.6, AGC ON) 0Lux with IR	Color: 0.001Lux (F1.6, AGC ON) 0Lux with IR	Color: 0.0005Lux (F1.2, AGC ON) 0Lux with IR on	Color: 0.0005Lux (F1.2, AGC ON) 0Lux with IR
IR	Up to 15m (49ft)	Up to 50m (164ft)	Up to 50m (164ft)	Up to 50m (164ft)	Up to 50m (164ft)
Video Compression	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG
Smart Function	√	√	√	√	√
Frame Rate	1920×1080 30fps	1920×1080 30fps	1920×1080 30fps	1920×1080 60fps(WDR OFF)	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	√	√	√	√	√
The number of OSD	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs
Audio I/O	1 / 1 and Built-in Mic	1 / 1	1 / 1	1 / 1	1 / 1
Alarm I/O	N/A	1 / 1	1 / 1	1 / 1	1 / 1
BNC	N/A	N/A	N/A	1	N/A
Edge Storage	MicroSD, up to 256GB	MicroSD, up to 256GB	MicroSD, Up to 256GB	MicroSD, Up to 256GB	MicroSD, Up to 256GB
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	IP67	IP67	IP67	IP67
Vandal Resistant	IK10	N/A	N/A	N/A	N/A
Weight	0.25kg (0.55lb)	1kg (2.2lb)	1kg (2.2lb)	1kg (2.2lb)	1kg (2.2lb)
Power Consumption	Max 4.5W	Max 9W	Max 9W	Max 10W	Max 10W
Dimensions(L × W × H)	Φ 110×61mm (Φ 4.3"×2.4")	253.4×86×71.7mm(9.98"×3.4"×2.8")	253.4×86×71.7mm(9.98"×3.4"×2.8")	253.4×86×71.7mm (9.98"×3.4"×2.8")	253.4×86×71.7mm(9.98"×3.4"×2.8")

Model	IPC3232ER-VS-C	IPC3232ER-DV-C	IPC3232ER3-DVZ28-C	IPC3232ER3-DUVZ-C	IPC3632ER3-DPZ28-C
Appearance					
Axis	3-Axis	3-Axis	3-Axis	3-Axis	3-Axis
Low illumination characteristics	Low-light	Low-light	Low-light	Starlight	Low-light
Adjustment angle	Pan: 0°~360° Tilt: 0°~80° Rotate: 0°~360°	Pan: 0°~360° Tilt: 0°~80° Rotate: 0°~360°	Pan: 0°~360° Tilt: 0°~80° Rotate: 0°~360°	Pan: 0°~360° Tilt: 0°~80° Rotate: 0°~360°	Pan: 0°~360° Tilt: 0°~90° Rotate: 0°~360°
Sensor	1/2.8"/2MP/CMOS	1/2.8"/2MP/CMOS	1/2.8"/2MP/CMOS	1/2.8"/2MP/CMOS	1/2.8"/2MP/CMOS
Wide Dynamic Range	120dB True WDR	120dB True WDR	120dB True WDR	120dB True WDR	120dB True WDR
Zoom	Manual	Manual	Motorized	Motorized	Motorized
Lens	Focus: 2.8~12mm Iris: F1.6 Angle of view (H): 94.0°~28°	Focus: 2.8~12mm Iris: F1.6 Angle of view (H): 94.0°~28°	Focus: 2.8~12mm Iris: F1.6 Angle of view (H): 94.0°~28°	Focus: 2.7 ~ 13.5mm Iris: F1.2 Angle of view:(H): 121.36°~33.51°	Focus: 2.8~12mm Iris: F1.6 Angle of View (H): 94.0°~28°
Iris	Fixed	Fixed	Fixed	Fixed	Fixed
Min. illumination	Color: 0.001Lux (F1.6, AGC ON) 0Lux with IR	Color: 0.001Lux (F1.6, AGC ON) 0Lux with IR	Color: 0.001Lux (F1.6, AGC ON) 0Lux with IR	Color: 0.0005Lux (F1.2, AGC ON) 0Lux with IR	Color: 0.001Lux (F1.6, AGC ON) 0Lux with IR
IR	Up to 30m (98ft)	Up to 30m (98ft)	Up to 30m (98ft)	Up to 30m (98ft)	Up to 30m (98ft)
Video Compression	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra 265, H.264, MJPEG	Ultra265, H.264, MJPEG
Smart Function	√	√	√	√	√
Frame Rate	1920×1080 30fps	1920×1080 30fps	1920×1080 30fps	1920×1080 30fps	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	√	√	√	√	√
The number of OSD	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs
Audio I/O	N/A	1 / 1	1 / 1	1 / 1	Built-in Mic
Alarm I/O	N/A	1 / 1	1 / 1	1 / 1	N/A
BNC	1	1	1	1	N/A
Edge Storage	MicroSD, up to 256GB	MicroSD, up to 256GB	MicroSD, up to 256GB	MicroSD, up to 256GB	MicroSD, up to 256GB
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	IP67	IP67	IP67	IP67	IP67
Vandal Resistant	IK10	IK10	IK10	IK10	N/A
Weight	0.92kg (2.0lb)	0.92kg (2.0lb)	0.92kg (2.0lb)	0.92kg (2.0lb)	0.67kg (1.48lb)
Power Consumption	Max 7.2W	Max 7.2W	Max 7.2W	Max 8.7W	Max 8.16W
Dimensions(L × W × H)	Φ 148×111.3mm (Φ 5.8"×4.4")	Φ 148×111.3mm (Φ 5.8"×4.4")	Φ 148×111.3mm (Φ 5.8"×4.4")	Φ 148×111.3mm (Φ 5.8"×4.4")	Φ 129×110mm (Ø5.08"×4.3")

Model	IPC3632ER3-DUPZ-C	IPC2124SR3-DPF36(60)	IPC2124SR3-APF40(60)	IPC2124ER3-DPF40(60)	IPC2224SR5-DPF40(60)-B
Appearance					
Axis	3-Axis	3-Axis	3-Axis	3-Axis	3-Axis
Low illumination characteristics	Starlight	Low-light	Low-light	Low-light	Low-light
Adjustment angle	Pan: 0°~360° Tilt: 0°~90° Rotate: 0°~360°	Pan: 0°~360° Tilt: 0°~90° Rotate: 0°~360°	Pan: 0°~360° Tilt: 0°~90° Rotate: 0°~360°	Pan: 0°~360° Tilt: 0°~90° Rotate: 0°~360°	Pan: 0°~360° Tilt: 0°~90° Rotate: 0°~360°
Sensor	1/2.8"/2MP/CMOS	1/3"/4MP/CMOS	1/3"/4MP/CMOS	1/3"/4MP/CMOS	1/3"/4MP/CMOS
Wide Dynamic Range	120dB True WDR	120dB True WDR	120dB True WDR	120dB True WDR	120dB True WDR
Zoom	Motorized	Fixed	Fixed	Fixed	Fixed
Lens	Focus: 2.7 ~ 13.5mm Iris: F1.2 Angle of view:(H): 121.36°~33.51°	Focus: 3.6mm, 6mm Iris: F2.0 Angle of view(H): 86.4°/49.9°	Focus: 4mm, 6mm Iris: F2.0 Angle of view(H): 78.9°/49.9°	Focus: 4mm, 6mm Iris: F2.0 Angle of view(H): 78.9°/49.9°	Focus: 4mm, 6mm Iris: F2.0 Angle of view(H): 78.9°/49.9°
Iris	Fixed	Fixed	Fixed	Fixed	Fixed
Min. illumination	Color: 0.0005Lux (F1.2, AGC ON) 0Lux with IR	Color: 0.03Lux (F2.0, AGC ON) 0Lux with IR	Color: 0.03Lux (F2.0, AGC ON) 0Lux with IR	Color: 0.03Lux (F2.0, AGC ON) 0Lux with IR	Color: 0.03Lux (F2.0, AGC ON) 0Lux with IR
IR	Up to 30m (98ft)	Up to 30m (98ft)	Up to 30m (98ft)	Up to 30m (98ft)	Up to 50m (164ft)
Video Compression	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG
Smart Function	√	√	√	√	√
Frame Rate	1920×1080 30fps	2592×1520 20fps 2048×1520 30fps	2560×1440 25fps 1920×1080 30fps	2592×1520 20fps 2048×1520 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	√	√	√	√	√
The number of OSD	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs
Audio I/O	Built-in Mic	N/A	Built-in Mic	N/A	N/A
Alarm I/O	N/A	N/A	1 / 1	N/A	N/A
BNC	N/A	N/A	N/A	N/A	N/A
Edge Storage	MicroSD, up to 256GB	N/A	N/A	MicroSD, up to 256GB	MicroSD, up to 256GB
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
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)	-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	IP67	IP67	IP67	IP67	IP67
Vandal Resistant	N/A	N/A	N/A	N/A	N/A
Weight	0.67kg (1.48lb)	0.45kg (0.99lb)	0.45kg (0.99lb)	0.45kg (0.99lb)	1kg (2.2lb)
Power Consumption	Max 8.16W	Max 6W	Max 6W	Max 6.5W	Max 9W
Dimensions(L × W × H)	Φ 129×110mm (Ø5.08"×4.3")	157.3×62.4×63mm (6.2"×2.5"×2.5")	157.3×62.4×63mm(6.2"×2.5"×2.5")	157.3×62.4×63mm(6.2"×2.5"×2.5")	253.4×86×71.7mm (9.98"×3.4"×2.8")

Model	IPC324ER3-DVPF28(36)(60)	IPC3614SR3-DPF28(36)(60)	IPC3614SR3-DPF28(36)(60)M	IPC314SR-DVPF28(36)	IPC814SR-DVSPF16
Appearance					
Axis	3-Axis	3-Axis	3-Axis	3-Axis	N/A
Low illumination characteristics	Low-light	Low-light	Low-light	Low-light	Low-light
Adjustment angle	Pan: 0°~360° Tilt: 0°~75° Rotate: 0°~360°	Pan: 0°~360° Tilt: 0°~90° Rotate: 0°~360°	Pan: 0°~360° Tilt: 0°~90° Rotate: 0°~360°	Pan: 0°~90° Tilt: 0°~65° Rotate: 0°~360°	N/A
Sensor	1/3"/4MP/CMOS	1/3"/4MP/CMOS	1/3"/4MP/CMOS	1/3"/4MP/CMOS	1/3"/4MP/CMOS
Wide Dynamic Range	120dB True WDR	120dB True WDR	120dB True WDR	120dB True WDR	120dB True WDR
Zoom	Fixed	Fixed	Fixed	Fixed	Fixed
Lens	Focus: 2.8mm, 3.6mm, 6mm Iris: F2.0 Angle of view (H): 104.4°/86.4°/49.9°	Focus: 2.8mm, 3.6mm, 6mm Iris: F2.0 Angle of view (H): 104.4°/76.5°/49.9°	Focus: 2.8mm, 3.6mm, 6mm Iris: F2.0 Angle of view (H): 104.4°/76.5°/49.9°	Focus: 2.8mm, 3.6mm Iris: F2.0 Angle of view (H): 104.4°/76.8°	Focus: 1.6mm Iris: F1.6 Angle of view: 180°
Iris	Fixed	Fixed	Fixed	Fixed	Fixed
Min. illumination	Color: 0.03Lux (F2.0, AGC ON) 0Lux with IR	Color: 0.03Lux (F2.0, AGC ON) 0Lux with IR	Color: 0.03Lux (F2.0, AGC ON) 0Lux with IR	Color: 0.03Lux (F2.0, AGC ON) 0Lux with IR	Color: 0.01Lux (F1.6, AGC ON) 0Lux with IR
IR	Up to 30m (98ft)	Up to 30m (98ft)	Up to 30m (98ft)	Up to 15m (49ft)	Up to 10m (33ft)
Video Compression	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG
Smart Function	√	√	√	√	√
Frame Rate	2592 × 1520 20fps 2560 × 1440 25fps 2048 × 1520 30fps 1920 × 1080 30fps	2592 × 1520 20fps 2560 × 1440 25fps 2048 × 1520 30fps 1920 × 1080 30fps	2592 × 1520 20fps 2560 × 1440 25fps 2048 × 1520 30fps 1920 × 1080 30fps	2592 × 1520 20fps 2560 × 1440 25fps 2048 × 1520 30fps 1920 × 1080 30fps	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	√	√	√	√	√
The number of OSD	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs
Audio I/O	2 / 1 (Stereo)	N/A	N/A	1 / 1 and Built-in Mic	N/A
Alarm I/O	1 / 1	N/A	N/A	N/A	N/A
BNC	N/A	N/A	N/A	N/A	1
Edge Storage	MicoSD, up to 256G	N/A	N/A	MicroSD, up to 256GB	MicroSD, up to 256GB
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	√
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℃ ~ 60℃ (-31°F ~ 140°F)	-35℃ ~ 60℃ (-31°F ~ 140°F)	-35℃ ~ 60℃ (-31°F ~ 140°F)	-35℃ ~ 60℃ (-31°F ~ 140°F)	-40℃ ~ 60℃ (-40°F ~ 140°F)
Ingress Protection	IP67	IP67	IP67	IP66	IP66
Vandal Resistant	IK10	N/A	N/A	IK10	IK10
Weight	0.45kg (0.99lb)	0.33kg (0.73lb)	0.45kg (0.99lb)	0.25kg (0.55lb)	0.39kg(0.86lb)
Power Consumption	Max 5W	Max 5W	Max 5W	Max 4.5W	Max 11W
Dimensions(L × W × H)	Φ108.5x81mm (Ø4.28"x3.2")	Φ126×94mm (Φ5.0"x3.7")	Φ126×94mm (Φ5.0"x3.7")	Φ110×61mm (Φ4.3"x2.4")	Φ125×43.7mm (Φ4.9"×1.7")

Model	IPC814SR-DVPF16	IPC2324EBR-DP	IPC2324EBR-DPZ28	IPC3234SR-DV
Appearance				
Low illumination characteristics	Axis	N/A	3-Axis	3-Axis
	Low-light	Low-light	Low-light	Low-light
	Adjustment angle	N/A	Pan: 0°~360° Tilt: 0°~90° Rotate: 0°~360°	Pan: 0°~360° Tilt: 0°~90° Rotate: 0°~360°
	Sensor	1/3"/4MP/CMOS	1/3"/4MP/CMOS	1/3"/4MP/CMOS
	Wide Dynamic Range	120dB True WDR	120dB True WDR	120dB True WDR
	Zoom	Fixed	Manual	Motorized
	Lens	Focus: 1.6mm Iris: F1.6 Angle of view (H): 180°	Focus: 2.8 ~ 12mm Iris: F1.4 Angle of view(H): 91° ~ 27°	Focus: 2.8 ~ 12mm Iris: F1.4 Angle of view(H): 91.0° ~ 27°
	Iris	Fixed	Fixed	Fixed
	Min. illumination	Color: 0.01Lux (F1.6, AGC ON) 0Lux with IR	Color: 0.005Lux (F1.4, AGC ON) 0Lux with IR	Color: 0.005Lux (F1.4, AGC ON) 0Lux with IR
	IR	Up to 10m (33ft)	Up to 30m (98ft)	Up to 30m (98ft)
Video Compression	Video Compression	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG
	Smart Function	√	√	√
	Frame Rate	2560×1440 25fps	2592×1520 20fps 2048×1520 30fps 2560×1440 25fps 1920×1080 30fps	2592×1520 20fps 2048×1520 30fps 2560×1440 25fps 1920×1080 30fps
	ROI (Region of Interest)	√	√	√
	9:16 Corridor Mode	√	√	√
	Video Streaming	Triple streams	Triple streams	Triple Streams
	Privacy Mask	√	√	√
	The number of OSD	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs
	Audio I/O	1 / 1 and Built-in Mic	1 / 1	1 / 1
	Alarm I/O	1 / 1	1 / 1	1 / 1
Working Environment	BNC	1	1	N/A
	Edge Storage	MicroSD, up to 256GB	MicroSD, up to 256GB	MicroSD, Up to 256GB
	Network Interface	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet
	Reset Button	√	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)
	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	IP66	IP67	IP67
	Vandal Resistant	IK10	N/A	N/A
	Weight	0.39kg(0.86lb)	1kg (2.2lb)	1kg (2.2lb)
	Power Consumption	Max 11W	Max 9W	Max 9W
Dimensions	Dimensions(L × W × H)	Φ125×43.7mm (Φ4.9"x1.7")	253.4×86×71.7mm (9.98"×3.4"×2.8")	253.4×86×71.7mm (9.98"×3.4"×2.8")
				Φ148×111.3mm (Φ5.8"×4.4")

Model	IPC3634ER3-DPZ28	IPC2125SR3-ADUPF40(60)	IPC325ER3-DUVPF28(40)	IPC3615ER3-ADUPF28(40)M
Appearance				
Axis	3-Axis	3-Axis	3-Axis	3-Axis
Low illumination characteristics	Low-light	Starlight	Starlight	Starlight
Adjustment angle	Pan: 0°~360° Tilt: 0°~90° Rotate: 0°~360°	Pan: 0°~360° Tilt: 0°~90° Rotate: 0°~360°	Pan: 0°~360° Tilt: 0°~75° Rotate: 0°~360°	Pan: 0°~360° Tilt: 0°~90° Rotate: 0°~360°
Sensor	1/3"/4MP/CMOS	1/2.7"/5MP/CMOS	1/2.7"/5MP/CMOS	1/2.7"/5MP/CMOS
Wide Dynamic Range	120dB True WDR	120dB True WDR	120dB True WDR	120dB True WDR
Zoom	Motorized	Fixed	Fixed	Fixed
Lens	Focus: 2.8~12mm Iris: F1.6 Angle of View (H): 91.0°~27°	Focus: 4mm, 6mm Iris: F1.6 Angle of view(H): 79.7°/50.5°	Focus: 2.8mm, 4mm Iris: F1.6 Angle of view (H): 105.3°/79.7°	Focus: 2.8mm, 4mm Iris: F1.2 Angle of view (H): 105.3°/79.7°
Iris	Fixed	Fixed	Fixed	Fixed
Min. illumination	Color: 0.005Lux (F1.4, AGC ON) 0Lux with IR	Color: 0.005Lux (F1.6, AGC ON) 0Lux with IR on	Color: 0.005Lux (F1.6, AGC ON) 0Lux with IR	Color: 0.005Lux (F1.6, AGC ON) 0Lux with IR
IR	Up to 30m (98ft)	Up to 30m (98ft)	Up to 30m (98ft)	Up to 30m (98ft)
Video Compression	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG
Smart Function	√	√	√	√
Frame Rate	2592 × 1520 20fps 2560 × 1440 25fps 2048 × 1520 30fps 1920 × 1080 30fps	2592×1944 20fps 2592x1944 25fps (WDR OFF) 2560×1440 30fps 2048x1536 30fps 1920x1080 30fps	2592×1944 20fps 2592x1944 25fps (WDR OFF) 2560×1440 30fps 2048x1536 30fps 1920x1080 30fps	2592×1944 20fps 2592x1944 25fps (WDR OFF) 2560×1440 30fps 2048x1536 30fps 1920x1080 30fps
ROI (Region of Interest)	√	√	√	√
9:16 Corridor Mode	√	√	√	√
Video Streaming	Triple streams	Triple streams	Triple streams	Triple streams
Privacy Mask	√	√	√	√
The number of OSD	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs
Audio I/O	Built-in Mic	Built-in Mic	2 / 1 (Stereo)	Built-in Mic
Alarm I/O	N/A	N/A	1 / 1	N/A
BNC	N/A	N/A	N/A	N/A
Edge Storage	MicroSD, up to 256GB	N/A	MicoSD, up to 256G	N/A
Network Interface	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	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)	-35 C ~ 60 C (-31°F ~ 140°F)	-35 C ~ 60 C (-31°F ~ 140°F)	-30 C ~ 60 C (-22°F ~ 140°F)
Ingress Protection	IP67	IP67	IP67	IP67
Vandal Resistant	N/A	N/A	IK10	N/A
Weight	0.82kg (1.8lb)	0.45kg (0.99lb)	0.45kg (0.99lb)	0.45kg (0.99lb)
Power Consumption	Max 8.16W	Max 6W	Max 5W	Max 5W
Dimensions(L × W × H)	Φ 129×110mm (Ø5.08"×4.3")	157.3×62.4×63mm(6.2"×2.5"×2.5")	Φ 108.5×81mm (Ø4.28"×3.2")	Φ 126×94mm (Φ 5.0"×3.7")

Model	IPC2325EBR5-DUPZ	IPC3235ER3-DUVZ	IPC3635ER3-DUPZ	IPC2128SR3-DPF40/60
Appearance				
Axis	3-Axis	3-Axis	3-Axis	3-Axis
Low illumination characteristics	Starlight	Starlight	Starlight	Low-light
Adjustment angle	Pan: 0°~360° Tilt: 0°~90° Rotate: 0°~360°	Pan: 0°~360° Tilt: 0°~80° Rotate: 0°~360°	Pan: 0°~360° Tilt: 0°~90° Rotate: 0°~360°	Pan: 0°~360° Tilt: 0°~90° Rotate: 0°~360°
Sensor	1/2.7"/5MP/CMOS	1/2.7"/5MP/CMOS	1/2.7"/5MP/CMOS	1/2.5"/8MP/CMOS
Wide Dynamic Range	120dB True WDR	120dB True WDR	120dB True WDR	120dB True WDR
Zoom	Motorized	Motorized	Motorized	Fixed
Lens	Focus: 2.7 ~ 13.5mm Iris: F1.2 Angle of view(H): 93.38° ~ 28.56°	Focus: 2.7 ~ 13.5mm Iris: F1.2 Angle of view(H): 93.38° ~ 28.56°	Focus: 2.7 ~ 13.5mm Iris: F1.2 Angle of view(H): 93.38° ~ 28.56°	Focus: 4mm, 6mm Iris: F2.0 Angle of view(H): 91.6°/54.2°
Iris	Fixed	Fixed	Fixed	Fixed
Min. illumination	Color: 0.002Lux (F1.2, AGC ON) 0Lux with IR on	Color: 0.002Lux (F1.2, AGC ON) 0Lux with IR	Color: 0.002Lux (F1.2, AGC ON) 0Lux with IR	Color: 0.05Lux (F2.0, AGC ON) 0Lux with IR on
IR	Up to 50m (164ft)	Up to 30m (98ft)	Up to 30m (98ft)	Up to 30m (98ft)
Video Compression	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG
Smart Function	√	√	√	√
Frame Rate	2592×1944 20fps 2592x1944 25fps (WDR OFF) 2560×1440 30fps 2048x1536 30fps 1920x1080 30fps	2592×1944 20fps 2592x1944 25fps (WDR OFF) 2560×1440 30fps 2048x1536 30fps 1920x1080 30fps	2592×1944 20fps 2592x1944 25fps (WDR OFF) 2560×1440 30fps 2048x1536 30fps 1920x1080 30fps	3840×2160 20fps 2592x1944 30fps 2944x1656 30fps 2560x1440 30fps 1920x1080 30fps
ROI (Region of Interest)	√	√	√	√
9:16 Corridor Mode	√	√	√	√
Video Streaming	Triple Streams	Triple streams	Triple streams	Triple Streams
Privacy Mask	√	√	√	√
The number of OSD	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs
Audio I/O	1 / 1	1 / 1	Built-in Mic	N/A
Alarm I/O	1 / 1	1 / 1	N/A	N/A
BNC	N/A	1	N/A	N/A
Edge Storage	MicroSD, Up to 256GB	MicroSD, up to 256GB	MicroSD, up to 256GB	N/A
Network Interface	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet
Reset Button	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)
Working Environment	-35 C ~ 60 C (-31°F ~ 140°F)	-40°C ~ 60°C (-40°F ~ 140°F)	-40°C ~ 60°C (-40°F ~ 140°F)	-30 C ~ 60 C (-22°F ~ 140°F)
Ingress Protection	IP67	IP67	IP67	IP67
Vandal Resistant	N/A	IK10	N/A	N/A
Weight	1kg (2.2lb)	0.92kg (2.0lb)	0.82kg (1.8lb)	0.5kg (1.1lb)
Power Consumption	Max 10W	Max 8.7W	Max 8.16W	Max 8W
Dimensions(L × W × H)	253.4×86.4×78.7mm (10.0"×3.4"×3.1")	Φ 148×111.3mm (Φ 5.8"×4.4")	Φ 129×110mm (Ø5.08"×4.3")	191.3×72.6×70.9mm (7.5"×2.9"×2.8")

Model	IPC3618SR3-DPF40(28)	IPC2328SBR5-DPZ	IPC3238SR3-DVPZ	IPC3638SR3-DPZ
Appearance				
Axis	3-Axis	3-Axis	3-Axis	3-Axis
Low illumination characteristics	Low-light	Low-light	Low-light	Low-light
Adjustment angle	Pan: 0°~360° Tilt: 0°~90° Rotate: 0°~360°	Pan: 0°~360° Tilt: 0°~90° Rotate: 0°~360°	Pan: 0°~360° Tilt: 0°~90° Rotate: 0°~360°	Pan: 0°~360° Tilt: 0°~90° Rotate: 0°~360°
Sensor	1/2.5"/8MP/CMOS	1/2"/8MP/CMOS	1/2"/8MP/CMOS	1/2"/8MP/CMOS
Wide Dynamic Range	120dB True WDR	120dB True WDR	120dB True WDR	120dB True WDR
Zoom	Fixed	Motorized	Motorized	Motorized
Lens	Focus: 2.8mm, 4mm Iris: F2.0 Angle of view(H): 118.1°/91.6°	Focus: 2.8 ~ 12mm Iris: F1.5 Angle of view(H): 114.8° ~ 47.3°	Focus: 2.8~12mm Iris: F1.5 Angle of view(H): 114.8° ~ 47.3°	Focus: 2.8~12mm Iris: F1.5 Angle of view(H): 114.8° ~ 47.3°
Iris	Fixed	Fixed	Fixed	Fixed
Min. illumination	Color: 0.05Lux (F2.0, AGC ON) 0Lux with IR on	Color: 0.003Lux (F1.5, AGC ON) 0Lux with IR on	Color: 0.003Lux (F1.5, AGC ON) 0Lux with IR	Color: 0.003Lux (F1.5, AGC ON) 0Lux with IR
IR	Up to 30m (98ft)	Up to 50m (164ft)	Up to 30m (98ft)	Up to 30m (98ft)
Video Compression	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra 265, H.264, MJPEG	Ultra 265, H.264, MJPEG
Smart Function	√	√	√	√
Frame Rate	3840×2160 20fps 2592×1944 30fps 2944×1656 30fps 2560×1440 30fps 1920×1080 30fps	3840×2160 20fps 2592×1944 30fps 2944×1656 30fps 2560×1440 30fps 1920×1080 30fps	3840×2160 20fps 2592×1944 30fps 2944×1656 30fps 2560×1440 30fps 1920×1080 30fps	3840×2160 20fps 2592×1944 30fps 2944×1656 30fps 2560×1440 30fps 1920×1080 30fps
ROI (Region of Interest)	√	√	√	√
9:16 Corridor Mode	√	√	√	√
Video Streaming	Triple Streams	Triple Streams	Triple streams	Triple streams
Privacy Mask	√	√	√	√
The number of OSD	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs
Audio I/O	N/A	1 / 1	1 / 1	Built-in Mic
Alarm I/O	N/A	1 / 1	1 / 1	N/A
BNC	N/A	1	1	N/A
Edge Storage	N/A	MicroSD, up to 256GB	MicroSD, up to 256GB	MicroSD, up to 256GB
Network Interface	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	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	-30 C ~ 60 C (-22°F ~ 140°F)	-35 C ~ 60 C (-31°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
Vandal Resistant	N/A	N/A	IK10	N/A
Weight	0.45kg (0.99lb)	1kg (2.2lb)	0.92kg (2.0lb)	0.82kg (1.8lb)
Power Consumption	Max 5.5W	Max 10W	Max 8W	Max 8.16W
Dimensions(L × W × H)	Φ 126×94mm (Φ 5.0"×3.7")	253.4×86.4×78.7mm (10.0"×3.4"×3.1")	Φ 148×111.3mm (Φ 5.8"×4.4")	Φ 129×110mm (Ø5.08"×4.3")

Model	IPC542E-DLC-C	IPC742SR9-PZ30-32G	IPC744SR5-PF40(60)-32G
Appearance			
Axis	N/A	N/A	N/A
Low illumination characteristics	Low-light	Low-light	Low-light
Adjustment angle	N/A	N/A	N/A
Sensor	1/2.8"/2MP/CMOS	1/2.8"/2MP/CMOS	1/3"/4MP/CMOS
Wide Dynamic Range	120dB True WDR	Digital WDR	120dB True WDR
Zoom	Manual(No Zoom/focus interface)	2X optical zoom 16X digital zoom	Fixed
Lens	N/A	Focus: 3~6mm Iris: F2.0 Angle of view(H): 90.9°~51.5°	Focus: 4mm, 6mm Iris: F2.0 Angle of view(H): 78.9°/49.9°
Iris	DC-Iris/P-Iris	Fixed	Fixed
Min. illumination	Color: 0.0005Lux (F1.2, AGC ON) B/W:0.0001Lux(F1.2, AGC ON)	Color: 0.03Lux (F2.0, AGC ON) 0Lux with IR	Color: 0.03Lux (F2.0, AGC ON) 0Lux with IR
IR	N/A	Up to 100m (328ft)	Up to 50m (164ft)
Video Compression	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG
Smart Function	√	√	√
Frame Rate	1920×1080 30fps	1920×1080 30fps	2592×1520 20fps 2560×1440 25fps 2048×1520 30fps 1920×1080 30fps
ROI (Region of Interest)	√	√	√
9:16 Corridor Mode	√	N/A	N/A
Video Streaming	Triple streams	Triple Streams	Triple Streams
Privacy Mask	√	√	√
The number of OSD	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs
Audio I/O	1 / 1	1 / 1	1 / 1
Alarm I/O	2 / 1	2 / 1	2 / 1
BNC	1	N/A	N/A
Edge Storage	MicroSD, up to 256GB	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
Reset Button	√	N/A	N/A
Power	AC 24V ±10%, DC 12V ±10% PoE (IEEE802.3af)	DC 12V ±25% PoE (IEEE 802.3at)	DC 12V ±25% PoE (IEEE 802.3at)
Working Environment	-20 C ~ 60 C (-4°F ~ 140°F)	-35°C ~ 60°C (-31°F ~ 140°F)	-35°C ~ 60°C (-31°F ~ 140°F)
Ingress Protection	N/A	IP66	IP66
Vandal Resistant	N/A	N/A	N/A
Weight	0.48kg(1.1lb)	1.16kg(2.6lb)	1.16kg(2.6lb)
Power Consumption	Max 6.8W	Max 17.23W	Max 17.23W
Dimensions(L × W × H)	151.5×71×65mm (6.0"×2.8"×2.6")	357×106×194mm(14.1"×4.2"×7.7")	357×106×194mm(14.1"×4.2"×7.7")

Model	IPC6415SR3-X5UPW
Appearance	
Low illumination characteristics	Starlight
Adjustment angle	N/A
Sensor	1/2.7" / 5MP / CMOS
Lens	Focus: 2.7~13.5mm Iris: F1.2 Angle of view (H): 107.8°~252.6°
Optical Zoom	5X
WDR	120dB
Iris	Fixed
Min. illumination	Colour: 0.002 lux (F1.2,AGC ON) 0 lux with IR
Pan Range	350°
Pan Speed	0.1°/s ~ 60°/s
Tilt Range	0° ~ 90°
Tilt Speed	0.1° ~ 50°/s
ROI (Region of Interest)	√
IR	Up to 30m (98ft)
Video Compression	Ultra 265,H.265, H.264, MJPEG
Smart Function	√
Frame Rate	2592 × 1944 30fps
The number of OSD	Up to 8 OSDs
Video Streaming	Triple streams
Privacy Mask	√
BNC	N/A
Patrol	N/A
Preset	1024
Audio I/O	Built-in Mic Built-in Speaker
Alarm I/O	1 / 1
Edge Storage	MicroSD, up to 256GB
Network Interface	10M/100M Base-TX Ethernet
Reset Button	√
Power	DC 12V±25%, PoE (IEEE802.3 at)
Ingress Protection	N/A
Working Environment	-10°C ~ +50°C (14°F ~ 122°F)
Weight	0.75kg(1.65lb)
Power Consumption	16W
Dimensions	Φ 129mm×143mm(Φ 5.07" x5.63")

Model	IPC6222ER-X20(P)-B	IPC6222ER-X30(P)-B
Appearance		
Low illumination characteristics	Low-light	Low-light
Adjustment angle	N/A	N/A
Sensor	1/2.8" / 2MP / CMOS	1/2.8" / 2MP / CMOS
Lens	Focus: 5.2~104mm Iris: F1.5~F3.0 Angle of view (H): 60.19°~3.0°	Focus: 4.5~135mm Iris: F1.5~F4.0 Angle of view (H): 71.7°~2.4°
Optical Zoom	20X	30X
WDR	120dB True WDR	120dB True WDR
Iris	DC-Iris	DC-Iris
Min. illumination	Color: 0.001Lux (F1.5, AGC ON) 0Lux with IR	Color: 0.001Lux (F1.5, AGC ON) 0Lux with IR
Pan Range	360°	360°
Pan Speed	0.1°/s ~ 240°/s	0.1°/s ~ 240°/s
Tilt Range	~15° ~ 90°	~15° ~ 90°
Tilt Speed	0.1° ~ 160°/s	0.1° ~ 160°/s
ROI (Region of Interest)	√	√
IR	Up to 150m (492ft)	Up to 150m (492ft)
Video Compression	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG
Smart Function	√	√
Frame Rate	1920 × 1080 30fps	1920 × 1080 30fps
The number of OSD	Up to 8 OSDs	Up to 8 OSDs
Video Streaming	Triple streams	Triple streams
Privacy Mask	√	√
BNC	N/A	N/A
Patrol	√	√
Preset	1024	1024
Audio I/O	1 / 1	1 / 1
Alarm I/O	1 / 1	1 / 1
Edge Storage	MicroSD, up to 256GB	MicroSD, up to 256GB
Network Interface	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet
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)
Ingress Protection	IP66	IP66
Working Environment	-40°C ~ 65°C (-40°F ~ 149°F)	-40°C ~ 65°C (-40°F ~ 149°F)
Weight	5.28kg (11.6lb)	5.28kg (11.6lb)
Power Consumption	9 ~ 42W	9 ~ 38W
Dimensions	Φ 227×359.4mm (Φ 8.9" x 14.2")	Φ 227×359.4mm (Φ 8.9" x 14.2")

Model		NVR201-04U	NVR201-08Q
Appearance			
Video/Audio Input	IP Video Input	2-ch	2-ch
	Analog Video Input	4-ch	8-ch
	Input Bandwidth	40 Mbps	40 Mbps
	Audio Input	4-ch, RCA	4-ch, RCA
Video/Audio Output	HDMI	1	1
	VGA	1	1
	Audio Output	1-ch, RCA	1-ch, RCA
	Outgoing Bandwidth	40 Mbps	40 Mbps
	Decoding Capability	5-ch@1080P	5-ch@1080P
Storage	HDD	1 SATA interface	1 SATA interface
External Interface	Network Interface	1 x RJ45 100M	1 x RJ45 100M
	PoE	N/A	N/A
	Serial Interface	1 x RS485	1 x RS485
	USB Interface	2 x USB2.0	2 x USB2.0
	Alarm I/O	N/A	N/A
Other	Power Supply	12V DC	12V DC
	Power Consumption	≤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
	Dimensions(W×D×H)	260mm×240mm×44mm (10.2"×9.5"×1.7")	260mm×240mm×44mm (10.2"×9.5"×1.7")
	Weight(Without HDD)	≤1.12kg	≤1.12kg

Model		NVR302-08Q	NVR302-08U	NVR302-16Q	NVR302-09E-B
Appearance					
Video/Audio Input	IP Video Input	4-ch	8-ch	8-ch	9-ch
	Analog Video Input	8-ch	8-ch	16-ch	N/A
	Input Bandwidth	40 Mbps	64 Mbps	40 Mbps	90Mbps
	Audio Input	1-ch, RCA	4-ch, RCA	1-ch, RCA	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
	Outgoing Bandwidth	64 Mbps	64 Mbps	80 Mbps	180Mbps
	Decoding Capability	8-ch@720P 4-ch@1080P 1-ch@8MP	8-ch@720P 8-ch@1080P 2-ch@8MP	16-ch@720P 8-ch@1080P 2-ch@8MP	16-ch@1080P 4-ch@8MP
Storage	HDD	2 SATA interfaces	2 SATA interfaces	2 SATA interfaces	2 SATA interfaces
External Interface	Network Interface	1 x RJ45 100M	1 x RJ45 1000M	1 x RJ45 1000M	2 x RJ45 1000M
	PoE	N/A	N/A	N/A	N/A
	Serial Interface	1 x RS485	1 x RS485	1 x RS485	1 x RS-485
	USB Interface	2 x USB2.0	2 x USB2.0	2 x USB2.0	2 x USB2.0 1 x USB3.0
	Alarm I/O	N/A	N/A	N/A	8/2
Other	Power Supply	12V DC	12V DC	12V DC	12V DC,3.3A
	Power Consumption	≤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
	Dimensions(W×D×H)	380mm×315mm×49mm (15.0"×12.4"×1.9")	380mm×315mm×49mm (15.0"×12.4"×1.9")	380mm×315mm×49mm (15.0"×12.4"×1.9")	380mm×315mm×46mm (15.0"×12.4"×1.8")
	Weight(Without HDD)	≤1.9kg	≤1.9kg	≤1.9kg	≤2.48kg

Model		NVR302-16E-B	NVR302-08E-P8-B	NVR302-16E-P8-B	NVR302-16E-P16-B	NVR304-16E-B
Appearance						
Video/Audio Input	IP Video Input	16-ch	8-ch	16-ch	16-ch	16-ch
	Analog Video Input	N/A	N/A	N/A	N/A	N/A
	Input Bandwidth	160Mbps	80Mbps	160Mbps	160Mbps	160Mbps
	Audio Input	1-ch	1-ch	1-ch	1-ch	1-ch
Video/Audio Output	HDMI	1	1	1	1	2
	VGA	1	1	1	1	1
	Audio Output	1	1	1	1	1
	Outgoing Bandwidth	320Mbps	160 Mbps	320 Mbps	320 Mbps	320 Mbps
	Decoding Capability	16-ch@1080P 4-ch@8MP	8-ch@1080P 4-ch@8MP	16-ch@1080P 4-ch@8MP	16-ch@1080P 4-ch@8MP	16-ch@1080P 4-ch@8MP
Storage	HDD	2 SATA interfaces	2 SATA interfaces	2 SATA interfaces	2 SATA interfaces	4 SATA interfaces
External Interface	Network Interface	2 x RJ45 1000M	1 x RJ45 1000M	1 x RJ45 1000M	1 x RJ45 1000M	2 x RJ45 1000M
	PoE	N/A	8 x PoE+	8 x PoE+	16 x PoE+	N/A
	Serial Interface	1 × RS-485	N/A	N/A	N/A	1 × RS-485
	USB Interface	2 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	2 x USB2.0 1 x USB3.0
	Alarm I/O	8/2	4/1	4/1	4/1	16/4
Other	Power Supply	12V DC,3.3A	100 ~ 240V AC	100 ~ 240V AC	100 ~ 240V AC	12V DC, 5A
	Power Consumption	≤20W (without HDD)	≤20W (without HDD)	≤20W (without HDD)	≤20W (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(W×D×H)	380mm×315mm×46mm (15.0"×12.4"×1.8")	380mm×315mm×46mm (15.0"×12.4"×1.8")	380mm×315mm×46mm (15.0"×12.4"×1.8")	380mm×315mm×46mm (15.0"×12.4"×1.8")	440mm×344mm×44mm (17.3"×13.5"×1.7")
	Weight(Without HDD)	≤2.48kg	≤2.48kg	≤2.48kg	≤2.48kg	≤3.2kg

Model		NVR304-32E-B	NVR304-16EP-B	NVR304-32EP-B	NVR308-16E-B	NVR308-32E-B
Appearance						
Video/Audio Input	IP Video Input	32-ch	16-ch	32-ch	16-ch	32-ch
	Analog Video Input	N/A	N/A	N/A	N/A	N/A
	Input Bandwidth	320 Mbps	160 Mbps	320 Mbps	160 Mbps	320 Mbps
	Audio Input	1-ch	1-ch	1-ch	1-ch	1-ch
Video/Audio Output	HDMI	2	2	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	32-ch@720P 16-ch@1080P 4-ch@8MP	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	4 SATA interfaces	8 SATA interfaces 1 eSATA interface	8 SATA interfaces 1 eSATA interface
External Interface	Network Interface	2 x RJ45 1000M	1 x RJ45 1000M	1 x RJ45 1000M	2 x RJ45 1000M	2 x RJ45 1000M
	PoE	N/A	16 x PoE+	16 x PoE+	N/A	N/A
	Serial Interface	1 × RS-485	1 × RS-485	1 × RS-485	1 × RS-232 1 × RS-485	1 × RS-232 1 × 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
	Alarm I/O	16/4	16/4	16/4	16/4	16/4
Other	Power Supply	12V DC, 5A	100 ~ 240V AC	100 ~ 240V AC	100 ~ 240V AC	100 ~ 240V AC
	Power Consumption	≤12W (without HDD)	≤12W (without HDD)	≤12W (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
	Dimensions(W×D×H)	440mm×344mm×44mm (17.3"×13.5"×1.7")	442mm×425mm×86mm (17.4"×16.7"×3.4")	442mm×425mm×86mm (17.4"×16.7"×3.4")	442mm×425mm×86mm (17.4"×16.7"×3.4")	442mm×425mm×86mm (17.4"×16.7"×3.4")
	Weight(Without HDD)	≤3.2kg	≤5.2kg	≤5.2kg	≤5.2kg	≤5.2kg

Model		NVR308-64E-B	NVR308-32R-B	NVR308-64R-B	NVR316-32R-B	NVR316-64R-B
Appearance						
Video/Audio Input	IP Video Input	64-ch	32-ch	64-ch	32-ch	64-ch
	Analog Video Input	N/A	N/A	N/A	N/A	N/A
	Input Bandwidth	320 Mbps	320 Mbps	320 Mbps	320 Mbps	320 Mbps
	Audio Input	1-ch	1-ch	1-ch	1-ch	1-ch
Video/Audio Output	HDMI	2	2	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	64-ch@D1 32-ch@720P 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	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	16 SATA interfaces 1 eSATA interface	16 SATA interfaces 1 eSATA interface
External Interface	Network Interface	2 x RJ45 1000M	2 x RJ45 1000M	2 x RJ45 1000M	2 x RJ45 1000M	2 x RJ45 1000M
	PoE	N/A	N/A	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	1 × RS-232 1 × RS-485	1 × RS-232 1 × 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
	Alarm I/O	16/4	16/4	16/4	16/10	16/10
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)	≤20W (without HDD)	≤23W (without HDD)	≤23W (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(W×D×H)	442mm×425mm×86mm (17.4"×16.7"×3.4")	442mm×531mm×86mm (17.4"×20.9"×3.4")	442mm×531mm×86mm (17.4"×20.9"×3.4")	477.1mm×481.6mm×130.5mm (18.78"×18.96"×5.14")	477.1mm×481.6mm×130.5mm (18.78"×18.96"×5.14")
	Weight(Without HDD)	≤5.2kg	≤7.8kg	≤7.8kg	≤ 8.19kg	≤ 8.19kg



Network Camera & NVR

UNV Pro series are born with excellent ultra-smart technology, deliver superior users experience. Applied with professional smart functions, these products are able to suit for a range of tough situations. Addition to amazing cameras performance, Pro series NVRs also have outstanding ability to record and decode with professional hardware design. They are integrated with manage, store, and transfer functions. The Pro series products absolutely are the first options for enterprise and project applications.



StarView+ Series

StarView+ series applies Sony 1/1.8 ” big size sensor and big iris lens to support high-end starlight mode. It includes box camera, 22X bullet camera, 22X/38X PTZ dome camera, and 4X vari-focal bullet/dome camera. StarView+ series is more popular for some projects, like the airport, highway, or safe city applica-tion.

4K Series

4K series delivers box camera, 4X bullet/dome, 22X PTZ dome camera products at 30fps. High resolution has more surveillance range and easy to zoom in by digital zoom to get more details. As we all know, 4K 30fps generates high bitrate, bandwidth and also drives the storage cost higher. Uniview's U-code deep video compression technology can perfectly solve the problem by reducing up to 90% bitrate.

Top Level Performance

Pro Series NVRs support independent video output and decoding card to ex-tend decoding ability. The decoding card supports video wall function for both display and split application. Dedicated mini SAS interface is used to connect disk enclosure, hence the storage capacity can be doubled, even tripled. The all-in-one VMS server Unicorn can manage up to 2000 video channels, covering most of small to median size business applications. Master-slave architecture helps to extend system bandwidth to meet different requirements.

Industry-leading Reliability

NVRs in Pro Series support 1:1 carrier-class failover to switch service seamlessly. Uniview provides industry-leading reliable solution to keep data integrity and it supports industrial grade RAID i.e. RAID 0, 1, 5, 6, 10, 50, 60.



IPC6852SR-X38UG

- Minimum 0.001 Lux starlight illumination
- Smart IR and optical glass window, sup-port up to 250m IR distance
- Support intelligent temperature control technology to remove snow and fog
- Ultra-smart functions: LPR, LPD, auto tracking



Unicorn

- Integrate manage, store, decode and transfer functions to connect IPC, NVR, encoder, decoder, network keyboard, cloud devices, alarm control panel and door access control
- Suitable for video surveillance projects with 1000~2000 cameras, typically for scenarios like building, residential area and shopping mall
- The master and slave architecture and disk enclosure make it easy to expand
- Support hot standby, deliver world class industry-level reliability

Model	IPC562E-DUG	IPC262EBR9-HDUPZ	IPC262EFW-DUZ	IPC262ER9-X10DU
Appearance				
Axis	N/A	3-Axis	3-Axis	3-Axis
Low illumination characteristics	Starlight / Optical defog	Starlight	Starlight	Starlight
Adjustment angle	N/A	Pan: 0°~360° Tilt: 0°~90° Rotate: 0°~360°	Pan: 0°~360° Tilt: 0°~90° Rotate: 0°~360°	Pan: 0°~360° Tilt: 0°~90° Rotate: 0°~360°
Sensor	1/1.8"/2MP/CMOS	1/1.8"/2MP/CMOS	1/2.8"/2MP/CMOS	1/2.8"/2MP/CMOS
Wide Dynamic Range	120dB True WDR	120dB True WDR	120dB True WDR	120dB True WDR
Zoom	Motor Zoom/Focus	4X optical zoom	4X optical zoom	10X optical zoom
Lens	N/A	Focus: 2.8~12mm Iris: F1.5 Angle of view: 87.5°~31.2°	Focus: 2.8~12mm Iris: F1.4 Angle of view: 105°~33°	Focus: 4.7~47mm Iris: F1.6~3.0 Angle of view: 65°~9°
Iris	DC-Iris/P-Iris	DC-Iris	Fixed	DC-Iris
Min. illumination	Color: 0.0005Lux (F1.2, AGC ON) B/W: 0.0005Lux (F1.2, AGC ON)	Color: 0.0005Lux (F1.5, AGC ON) 0Lux with IR	Color: 0.001Lux (F1.4, AGC ON) 0Lux with IR	Color: 0.001Lux (F1.6, AGC ON) 0Lux with IR
IR	N/A	Up to 100m (295ft)	IR up to 50m (164ft), White Light up to 10m(33ft) with PIR Alarm	Up to 100m (328ft)
Video Compression	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG
Smart Function	√	√	√	√
Frame Rate	1920×1080 60fps	1920×1080 60fps	1920×1080 30fps	1920×1080 30fps
ROI(Region of Interest)	√	√	√	√
9:16 Corridor Mode	√	√	√	√
Video Streaming	Triple streams	Triple streams	Triple streams	Triple streams
Privacy Mask	√	√	√	√
The number of OSD	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs
Audio I/O	1 / 1	1 / 1	1 / 1	1 / 1
Alarm I/O	2 / 1	2 / 1	2 / 1	2 / 1
BNC	1	1	1	1
Edge Storage	MicroSD, up to 256GB	MicroSD, up to 256GB	MicroSD, up to 256GB	MicroSD, up to 256GB
Network Interface	10M/100M Base-TX Ethernet 100M/1000M SFP	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet
Reset Button	√	√	√	√
Power	AC 24V ±25%, DC 12V ±25% PoE (IEEE802.3af)	AC 24V ±25%, DC 12V ±25% PoE (IEEE802.3af)	AC 24V ±25%, DC 12V ±25% PoE (IEEE802.3af)	AC 24V ±25%, DC 12V ±25% PoE (IEEE802.3af)
Working Environment	-20℃ ~ 60℃ (-4°F ~ 140°F)	-40℃ ~ 60℃ (-40°F ~ 140°F)	-40℃ ~ 60℃ (-40°F ~ 140°F)	-40℃ ~ 60℃ (-40°F ~ 140°F)
Ingress Protection	N/A	IP67	IP67	IP67
Vandal Resistant	N/A	N/A	N/A	N/A
Weight	0.48kg (1.1lb)	1.65kg (3.6lb)	1.65kg (3.6lb)	1.65kg (3.6lb)
Power Consumption	Max 6.8W	Max 13.7W	Max 13.7W	Max 13.7W
Dimensions(L × W × H)	151.5×71×65mm(6.0"×2.8"×2.6")	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 / IPC252ERA-X22DUP		IPC3232ER3-HDUVZ	IPC568E-G	IPC268ER9-DZ
Appearance					
Axis	3-Axis	3-Axis	N/A	3-Axis	
Low illumination characteristics	Starlight	Starlight	Low-light / Optical defog	Low-light	
	Pan: 0°~360° Tilt: 0°~90° Rotate: 0°~360°	Pan: 0°~360° Tilt: 0°~80° Rotate: 0°~360°	N/A	Pan: 0°~360° Tilt: 0°~90° Rotate: 0°~360°	
Sensor	1/1.8"/2MP/CMOS	1/1.8"/2MP/CMOS	1/1.7"/12MP/CMOS	1/2.5"/8MP/CMOS	
Wide Dynamic Range	120dB True WDR	120dB True WDR	Digital WDR	120dB True WDR	
Zoom	22X optical zoom	4X optical zoom	Motor Zoom/Focus	4X optical zoom	
Lens	Focus: 6.5~143mm, Iris: F1.5~F3.4 Angle of view: 59°~3°	Focus: 2.8~12mm Iris: F1.5 Angle of view: 87.5°~31.2°	N/A	Focus: 2.8~12mm Iris: F1.6 Angle of view: 79.6°~34.9°	
Iris	DC-Iris	Fixed	DC-Iris/P-Iris	DC-Iris	
Min. illumination	Color: 0.0005Lux (F1.5, AGC ON) 0Lux with IR	Color: 0.001Lux (F1.5, AGC ON) 0Lux with IR	Color: 0.005Lux (F1.2, AGC ON) B/W:0.03Lux (F1.2, AGC ON)	Color: 0.02Lux (F1.6, AGC ON) 0Lux with IR	
IR	Up to 200m (656ft)	Up to 30m (98ft)	N/A	Up to 100m (328ft)	
Video Compression	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	
Smart Function	√	√	√	√	
Frame Rate	1920×1080 60fps	1920×1080 60fps	4000×3000 20fps 3840×2160 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	√	√	√	√	
The number of OSD	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs	
Audio I/O	1 / 1	2 / 1	1 / 1	1 / 1	
Alarm I/O	2 / 1	1 / 1	2 / 1	2 / 1	
BNC	1	1	1	1	
Edge Storage	MicroSD, up to 256GB	MicroSD, up to 256GB	MicroSD, up to 256GB	MicroSD, up to 256GB	
Network Interface	10M/100M Base-TX Ethernet -G: 100M/1000M SFP	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet 100M/1000M SFP	10M/100M Base-TX Ethernet	
Reset Button	√	√	√	√	
Power	AC 24V ±25% -P: PoE (IEEE 802.3at)	AC 24V ±25%, DC 12V ±25% PoE (IEEE802.3af)	AC 24V ±25%, DC 12V ±25% PoE (IEEE802.3af)	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)	-20°C ~ 60°C (-4°F ~ 140°F)	-40°C ~ 60°C (-40°F ~ 140°F)	
Ingress Protection	IP67	IP67	N/A	IP67	
Vandal Resistant	N/A	IK10	N/A	N/A	
Weight	3.7kg (8.2lb)	0.84kg (1.85lb)	0.48kg (1.1lb)	1.65kg (3.6lb)	
Power Consumption	Max 21W	Max 9W	Max 9.5W	Max 13.7W	
Dimensions(L × W × H)	396.5×137×112mm(15.6"×5.4"×4.4")	Φ 148×111.3mm (Φ 5.8"×4.4")	151.5×71×65mm(6.0"×2.8"×2.6")	305.5×104.1×97.3mm(12.0"×4.1"×3.8")	

Model	IPC3238ER3-DVZ	IPC868ER-VF18-B	IPC8542ER5-DUG
Appearance			
Axis	3-Axis	3-Axis	N/A
Low illumination characteristics	Low-light	Low illumination characteristics	Starlight(0.002lux)
Adjustment angle	Pan: 0°~360° Tilt: 0°~80° Rotate: 0°~360°	N/A	N/A
Sensor	1/2.5"/8MP/CMOS	1/1.7"/12MP/CMOS	1/1.8"/8MP/CMOS
Wide Dynamic Range	120dB True WDR	Digital WDR	120dB True WDR
Zoom	4X optical zoom	Fixed	Fixed
Lens	Focus: 2.8~12mm Iris: F1.6 Angle of view (H): 79.6°~34.9°	Focus:1.8mm Iris: F2.4 Angle of View: 360°	Focus:4.2mm Iris: F1.8 Angle of view (H): 180° Angle of view (V): 80°
Iris	DC-Iris	Fixed	Fixed
Min. illumination	Color: 0.02Lux (F1.6, AGC ON) 0Lux with IR	Color: 0.05Lux (F2.4, AGC ON) 0Lux with IR	Color: 0.002Lux (F1.8, AGC ON) 0Lux with IR
IR	Up to 30m (98ft)	Up to 10 m (33ft)	Up to 50m (164ft)
Video Compression	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG
Smart Function	√	√	√
Frame Rate	3840×2160 30fps 1920×1080 30fps	4000×3000 15fps 2560×2560 25fps	4096*1800 30fps 2880*1264 30fps
ROI(Region of Interest)	√	√	√
9:16 Corridor Mode	√	√	√ (9:20)
Video Streaming	Triple streams	8 Streams (1 fisheye view (Triple streams) 1 panoramic view, 4 PTZ View)	Triple streams
Privacy Mask	√	√	√
The number of OSD	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs
Audio I/O	1 / 1	1 / 1 and 1 built-in Mic, 1 built-in Speaker	1 / 1
Alarm I/O	1 / 1	2 / 1	2 / 1
BNC	1	1	×
Edge Storage	MicroSD, up to 256GB	MicroSD, up to 256GB	MicroSD, up to 256GB
Network Interface	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	1*100M/1000M Base-FX SFP + 2*10M/100M/1000M Base-TX Ethernet
Reset Button	√	√	√
Power	DC 12V ±25% PoE (IEEE 802.3af)	DC 12V ±25% PoE (IEEE 802.3af)	AC 24V ±25%, DC 12V ±25%
Working Environment	-40°C ~ 60°C (-40°F ~ 140°F)	-35°C ~ 60°C (-31°F ~ 140°F)	-40°C ~ 70°C (-40°F ~ 158°F)
Ingress Protection	IP67	IP66	IP67
Vandal Resistant	IK10	IK10	IK10 (except window)
Weight	0.92kg (2.0lb)	0.5kg (1.1lb)	2.4kg(5.3lb)
Power Consumption	Max 8.7W	Max 9.6W	Max 48W
Dimensions(L × W × H)	Φ 148×111.3mm (Φ 5.8"×4.4")	Φ 149×51.5mm (Φ 5.9"×2.0")	259mmx211mmx115mm

Model	IPC6222EI-X22UP-C
Appearance	
Low illumination characteristics	Starlight
Adjustment angle	N/A
Sensor	1/2.8"/2MP/CMOS
Lens	Focus: 5.2~114.4mm Iris: F1.5~F3.0 Angle of view (H): 55.93°~3.52°
Optical Zoom	22X
WDR	120dB True WDR
Iris	DC-Iris
Min. illumination	Color: 0.001Lux (F1.5, AGC ON) B/W: 0.0001Lux (F1.5, AGC ON)
Pan Range	360°
Pan Speed	0.1°/s ~ 400°/s
Tilt Range	~18° ~ 90°
Tilt Speed	0.1°/s ~ 240°/s
ROI (Region of Interest)	√
IR	N/A
Video Compression	Ultra265, H.264, MJPEG
Smart Function	√
Frame Rate	1920×1080 30fps
The number of OSD	Up to 8 OSDs
Video Streaming	Triple streams
Privacy Mask	√
BNC	1
Patrol	√
Preset	1024
Audio I/O	1 / 1
Alarm I/O	2 / 1
Edge Storage	MicroSD, up to 256GB
Network Interface	10M/100M Base-TX Ethernet
Reset Button	N/A
Power	AC 24V ±25%, DC 24V ±25% PoE (IEEE 802.3at)
Ingress Protection	N/A
Working Environment	~20°C ~ 50°C (-4°F ~ 122°F)
Weight	3.5kg (7.7lb)
Power Consumption	Max 8 ~ 20W
Dimensions	Ø195×263mm (Ø7.7"×10.4")

Model	IPC6222E-X33UP	IPC6252SR-X22U / IPC6252SR-X22UG	IPC6252SFW-X22U	IPC6252SR-X33U
Appearance				
Low illumination characteristics	Starlight	Starlight	Starlight	Starlight
Adjustment angle	N/A	N/A	N/A	N/A
Sensor	1/2.8"/2MP/CMOS	1/1.8"/2MP/CMOS	1/1.8"/2MP/CMOS	1/2.8"/2MP/CMOS
Lens	Focus: 4.5~148.5mm Iris: F1.5~F4.0 Angle of view (H): 62.67°~2.82°	Focus: 6.5~143mm Iris: F1.5~F3.4 Angle of view (H): 57.24°~3.29°	Focus: 6.5~143mm Iris: F1.5~F3.4 Angle of view (H): 57.24°~3.29°	Focus: 4.5~148.5mm Iris: F1.6~F5.3 Angle of view (H): 62.67°~2.82°
Optical Zoom	33X	22X	22X	33X
WDR	120dB True WDR	120dB True WDR	120dB True WDR	120dB True WDR
Iris	DC-Iris	DC-Iris	DC-Iris	DC-Iris
Min. illumination	Color: 0.001Lux (F1.5, AGC ON) B/W: 0.0001Lux (F1.5, AGC ON)	Color: 0.0005Lux (F1.5, AGC ON) 0Lux with IR	Color: 0.0005Lux (F1.5, AGC ON) 0Lux with IR on	Color: 0.001Lux (F1.6, AGC ON) 0Lux with IR
Pan Range	360°	360°	360°	360°
Pan Speed	0.1°/s ~ 400°/s	0.1°/s ~ 240°/s	0.1°/s ~ 240°/s	0.1°/s ~ 240°/s
Tilt Range	1° ~ 90°	-15° ~ 90°	-15° ~ 90°	-15° ~ 90°
Tilt Speed	0.1°/s ~ 240°/s	0.1° ~ 160°/s	0.1° ~ 160°/s	0.1° ~ 160°/s
ROI (Region of Interest)	√	√	√	√
IR	N/A	Up to 200m (656ft)	<30m white light 30~200m IR	Up to 200m (656ft)
Video Compression	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG
Smart Function	√	√	√	√
Frame Rate	1920×1080 30fps	1920×1080 60fps	1920×1080 60fps	1920×1080 60fps
The number of OSD	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs
Video Streaming	Triple streams	Triple streams	Triple streams	Triple streams
Privacy Mask	√	√	√	√
BNC	1	1	1	1
Patrol	√	√	√	√
Preset	1024	1024	1024	1024
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 256GB	MicroSD, up to 256GB	MicroSD, up to 256GB	MicroSD, up to 256GB
Network Interface	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet -G: 100M/1000M SFP	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet
Reset Button	√	√	√	√
Power	AC 24V ±25%, DC 24V ±25% PoE (IEEE 802.3at)	AC 24V ±25%, DC 24V ±25%	AC 24V ±25%, DC 24V ±25%	AC 24V ±25%, DC 24V ±25%
Ingress Protection	IP66	IP66	IP66	IP66
Working Environment	-30°C ~ 70°C (-31°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	4.2kg (9.26lb)	5.5kg (12.1lb)	5.4kg (11.9lb)	5.5kg (12.1lb)
Power Consumption	Max 16W	11 ~ 47W	12 ~ 46W	11 ~ 47W
Dimensions	Φ 218×298mm (Φ 8.6"×11.7")	Φ 227×359.4mm (Φ 8.9"×14.2")	Φ 227×359.4mm (Φ 8.9"×14.2")	Φ 227×359.4mm (Φ 8.9"×14.2")

Model	IPC6252SL-X33UP	IPC6852SR-X38UG	IPC6852SR-X44U	IPC6253SR-X33
Appearance				
Low illumination characteristics	Starlight,Laser	Starlight	Starlight	Starlight
Adjustment angle	N/A	N/A	N/A	N/A
Sensor	1/2.8"/2MP/CMOS	1/1.8"/2MP/CMOS	1/2.8"/2MP/CMOS	1/2.8"/3MP/CMOS
Lens	Focus: 4.5~148.5mm Iris: F1.6~F5.3 Angle of view (H): 62.67°~2.82°	Focus: 5.7~216.6mm Iris: F1.5~F4.5 Angle of view (H): 58.4°~2.08°	Focus: 5~220mm Iris: F1.2~F3.5 Angle of view (H): 60.62°~1.83°	Focus: 4.5~148.5mm Iris: F1.6~F5.3 Angle of view (H): 58.73°~2.95°
Optical Zoom	33X	38X	44X	33X
WDR	120dB True WDR	120dB True WDR	120dB True WDR	120dB True WDR
Iris	DC-Iris	DC-Iris	DC-Iris	DC-Iris
Min. illumination	Color: 0.002Lux (F1.6, AGC ON) 0Lux with IR	Color: 0.0005Lux (F1.5, AGC ON) 0Lux with IR	Color: 0.002Lux (F1.2, AGC ON) 0Lux with IR	Color: 0.003Lux (F1.6, AGC ON) 0Lux with IR
Pan Range	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
Tilt Range	-15° ~ 90°	-20° ~ 90°	-15° ~ 90°	-15° ~ 90°
Tilt Speed	0.1° ~ 160°/s	0.1° ~ 160°/s	0.1° ~ 160°/s	0.1° ~ 160°/s
ROI (Region of Interest)	√	√	√	√
IR	VF laser, up to 500m (1640ft)	Up to 250m (820ft)	Up to 250m (820ft)	Up to 200m (656ft)
Video Compression	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG
Smart Function	√	√	√	√
Frame Rate	1920×1080 60fps	1920×1080 60fps	1920×1080 60fps	2048×1536 30fps
The number of OSD	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs
Video Streaming	Triple streams	Triple streams	Triple streams	Triple streams
Privacy Mask	√	√	√	√
BNC	N/A	1	1	1
Patrol	√	√	√	√
Preset	1024	1024	1024	1024
Audio I/O	1 / 1	1 / 1	1 / 1	1 / 1
Alarm I/O	1 / 1	2 / 1	2 / 1	2 / 1
Edge Storage	MicroSD, up to 256GB	MicroSD, up to 256GB	MicroSD, up to 256GB	MicroSD, up to 256GB
Network Interface	10M/100M Base-TX Ethernet	1 RJ45 10M/100M/1000M Base-TX Ethernet SFP Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet
Reset Button	√	√	√	√
Power	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
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)
Weight	5.6kg (12.3lb)	9.69kg (21.4lb)	9.69kg (21.4lb)	5.5kg (12.1lb)
Power Consumption	8~47W	16 ~ 51W	16 ~ 56W	11 ~ 47W
Dimensions	Φ 227×359.4mm (Φ 8.9"×14.2")	Φ 270×496.7mm (Φ 10.6"×19.6")	Φ 270×496.7mm (Φ 10.6"×19.6")	Φ 227×359.4mm (Φ 8.9"×14.2")

Model	IPC6258SR-X22P	IPC6258SR-X22DUP	IPC6858SR-X22
Appearance			
Low illumination characteristics	Low-light	Starlight	Low-light
Adjustment angle	N/A	N/A	N/A
Sensor	1/1.7"/12MP/CMOS	1/1.8"/8MP/CMOS	1/1.7"/12MP/CMOS
Lens	Focus: 6.5~143mm Iris: F1.5~F3.4 Angle of view (H): 56.69°~3.19°	Focus: 6.5~143mm Iris: F1.5~F3.4 Angle of view (H): 66°~3.2°	Focus: 6.5~143mm Iris: F1.5~F3.4 Angle of view (H): 56.69°~3.19°
Optical Zoom	22X	22x	22X
WDR	Digital WDR	120dB True WDR	Digital WDR
Iris	DC-Iris	DC-Iris	DC-Iris
Min. illumination	Color: 0.01Lux (F1.5, AGC ON) 0Lux with IR	Color: 0.003Lux (F1.5, AGC ON) 0Lux with IR	Color: 0.01Lux (F1.5, AGC ON) 0Lux with IR
Pan Range	360°	360°	360°
Pan Speed	0.1°/s ~ 240°/s	0.1°/s ~ 240°/s	0.1°/s ~ 240°/s
Tilt Range	-15° ~ 90°	-15° ~ 90°	-15° ~ 90°
Tilt Speed	0.1° ~ 160°/s	0.1° ~ 160°/s	0.1° ~ 160°/s
ROI (Region of Interest)	√	√	√
IR	Up to 200m (656ft)	Up to 150m (492ft)	Up to 250m (820ft)
Video Compression	Ultra265, H.264, MJPEG	Ultra 265, H.264, MJPEG	Ultra265, H.264, MJPEG
Smart Function	√	√	√
Frame Rate	4000×3000 20fps 3840×2160 30fps 1920×1080 30fps	vector	4000×3000 20fps 3840×2160 30fps 1920×1080 30fps
The number of OSD	Up to 8 OSDs	3840×2160 30fps 1920×1080 30fps	Up to 8 OSDs
Video Streaming	Triple streams	Triple streams	Triple streams
Privacy Mask	√	N/A	√
BNC	N/A	√	1
Patrol	√	√	√
Preset	1024	1024	1024
Audio I/O	1 / 1	1 / 1	1 / 1
Alarm I/O	2 / 1	1 / 1	2 / 1
Edge Storage	MicroSD, up to 256GB	MicroSD, up to 256GB	MicroSD, up to 256GB
Network Interface	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet
Reset Button	√	√	√
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%
Ingress Protection	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)
Weight	5.5kg (12.1lb)	5.55kg (12.24lb)	9.69kg (21.4lb)
Power Consumption	8 ~52.5W	9 ~ 38W	16 ~56W
Dimensions	Φ 227×359.4mm (Φ 8.9"×14.2")	Φ 227×359.4mm (Φ 8.9"×14.2")	Φ 270×496.7mm (Φ 10.6"×19.6")

Model		NVR516-64	NVR516-128	Unicorn
Appearance				
Video/Audio Input	IP Video Input	64-ch	128-ch	2000-ch
	Input Bandwidth	384 Mbps	512 Mbps	512 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	384 Mbps	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	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	16 SATA interfaces 1 eSATA interface
External Interface	Network Interface	4 x RJ45 1000M 2 x RJ45 1000M SFP	4 x RJ45 1000M 2 x RJ45 1000M SFP	4 x RJ45 1000M 2 x RJ45 1000M SFP
	PoE	N/A	N/A	N/A
	Serial Interface	1 × RS232 1 × RS485	1 × RS232 1 × RS485	1 × RS232 1 × RS485
	USB Interface	4 x USB3.0	4 x USB3.0	4 x USB3.0
	Alarm I/O	24/8	24/8	24/8
Other	Power Supply	100 ~ 240V AC	100 ~ 240V AC	100 ~ 240V AC
	Power Consumption	≤50W (without HDD)	≤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	-10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH
	Dimensions(W×D×H)	482mm×477mm×131mm (19.0"×18.8"×5.1")	482mm×477mm×131mm (19.0"×18.8"×5.1")	482mm×477mm×131mm (19.0"×18.8"×5.1")
	Weight(Without HDD)	≤14.5kg	≤14.5kg	≤14.5kg
	Decode Card	FB-HDMI4-C-NB FB-HDMI6-C-NB	FB-HDMI4-C-NB FB-HDMI6-C-NB	FB-HDMI4-C-NB FB-HDMI6-C-NB
	Disk Enclosure	DEU1008-IN/DEU1016	DEU1008-IN/DEU1016	DEU1008-IN/DEU1016

Professional Storage

- **Professional Storage Manufacturer**
15-year experience, self-owned patent technology, optimized for video surveillance.
- **Powerful RAID Engine**
Zero-Sense initialization and rebuilding for your business.
- **Carrier-Class Reliability**
High quality hardware design, ensuring 7*24 hours continuous work.



Model	VX1600	VX1816	VX1824	VX1848
Appearance				
Controller	Single	Single	Single	Single
Video Input	Up to 384 channels / 768Mbps	Up to 512 channels / 1024Mbps	Up to 512 channels / 1024Mbps	Up to 512 channels / 1024Mbps
Front-end Service Interface	3-port 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-port 10/100/1000 Mbps Ethernet interface	3-port 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-port 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-port 4*12 Gbps Mini SAS HD (optional)	2-port 4*12 Gbps Mini SAS HD	2-port 4*12 Gbps Mini SAS HD	5-port 4*12 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	iSCSI	iSCSI	iSCSI
Processor	Intel 64-bit multi-core processor	Intel 64-bit multi-core processor	Intel 64-bit multi-core processor	Intel 64-bit multi-core processor
Memory	4 GB, up to 16 GB	8 GB, up to 32 GB	8 GB, up to 32 GB	8 GB, up to 32 GB
HDD	24 SATA interfaces	16 SATA interfaces	24 SATA interfaces	48 SATA interfaces
Features	Optimized Cache Algorithm Redundant Modular Design Anti-Dust & Sulfide Alarm Anti-Vibration HDD Module Fault Sector Repair Two Level of Remap S.M.A.R.T. Pre-Copy Tech No Sense Partial Rebuild Copy Rebuild Cache Data Safe Box	Optimized Cache Algorithm Redundant Modular Design Anti-Dust & Sulfide Alarm Anti-Vibration HDD Module Fault Sector Repair Two Level of Remap S.M.A.R.T. Pre-Copy Tech No Sense Partial Rebuild Copy Rebuild Cache Data Safe Box	Optimized Cache Algorithm Redundant Modular Design Anti-Dust & Sulfide Alarm Anti-Vibration HDD Module Fault Sector Repair Two Level of Remap S.M.A.R.T. Pre-Copy Tech No Sense Partial Rebuild Copy Rebuild Cache Data Safe Box	Optimized Cache Algorithm Redundant Modular Design Anti-Dust & Sulfide Alarm Anti-Vibration HDD Module Fault Sector Repair Two Level of Remap S.M.A.R.T. Pre-Copy Tech No Sense Partial Rebuild Copy Rebuild Cache Data Safe Box
Power Supply	1+1 Redundant	1+1 Redundant	1+1 Redundant	1+1 Redundant
Fan	1+1 Redundant	1+1 Redundant	1+1 Redundant	1+1 Redundant
Consumption	Controller enclosure: < 450 (fully configured)	Controller enclosure : < 320 W (fully configured)	Controller enclosure : < 450 W (fully configured)	Controller enclosure : < 650 W (fully configured)
Weight	Controller enclosure: Fully configured : < 43 kg	Controller enclosure : Fully configured : < 33 kg	Controller enclosure : Fully configured : < 43 kg	Controller enclosure : Fully configured : < 60 kg
Dimensions (H ×W×D)	Controller enclosure: 175.0mm×481.6mm×589.0mm	Controller enclosure: 131.0mm×481.6mm×589.0mm	Controller enclosure: 175.0mm×481.6mm×589.0mm	Controller enclosure: 175.0mm×481.6mm×801.0mm
Disk Enclosure	DE1824	DE1816	DE1824	DE1848

Model	VX3000-E
Appearance	
Controller	Dual
Video Input	Up to 512 channels / 1024Mbps
Front-end Service Interface	10-port 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	4-port 4*12 Gbps Mini SAS HD
RAID	JBOD and RAID 0,1,10, 5, 50,6 Dedicated hot-spare disk and global hot-spare disk
Protocol	iSCSI
Processor	Intel 64-bit multi-core processor
Memory	16GB, up to 64 GB
HDD	24 SATA interfaces
Features	Optimized Cache Algorithm Redundant Modular Design Anti-Dust & Sulfide Alarm Anti-Vibration HDD Module Fault Sector Repair Two Level of Remap S.M.A.R.T. Pre-Copy Tech No Sense Partial Rebuild Copy Rebuild Cache Data Safe Box
Power Supply	1+1 Redundant
Fan	1+1 Redundant
Consumption	Controller enclosure : < 550 W (fully configured)
Weight	Controller enclosure : Fully configured : < 42 kg
Dimensions (H ×W×D)	Controller enclosure: 175.0mm×481.6mm×589.0mm
Disk Enclosure	DE3124-E

Model	DE1816	DE1824
Appearance		
Expand Interface	2-port 4*12 Gbps Mini SAS HD	3-port 4*12Gbps Mini SAS HD
Management Interface	1 Serial port	1 Serial port
HDD	16 HDDs	24 HDDs
Consumption	< 270W (fully configured)	< 350W (fully configured)
Weight	Fully configured: < 33 kg	Fully configured: < 42 kg
Dimensions (H ×W×D)	131.0mm X 481.6mm X589.0mm	175.0mm×481.6mm×589.0mm
Model	DE1848	DE3124-E
Appearance		
Expand Interface	6-port 4*12 Gbps Mini SAS HD	6-port 4*12Gbps Mini SAS HD
Management Interface	1 Serial port	2 Serial port
HDD	48 HDDs	24 HDDs
Consumption	< 580W (fully configured)	< 430W (fully configured)
Weight	Fully configured: < 56 kg	Fully configured: < 42 kg
Dimensions (H ×W×D)	175.0mm X 481.6mm X801.0mm	175.0mm×481.6mm×589.0mm

Professional Display

- **Precision Manufacturing**
High quality manufacturing ensures stability and reliability
- **Perfect Display Effect**
Give you immersive visual experience
- **Excellent Structural Design**
Easy to install and maintain



LCD			
Model	MW-A46-B1	MW-A49-B1	MW-A55-B1
Appearance			
Panel Size	46"	49"	55"
Resolution	1080P	1080P	1080P
Bezel(mm)	3.5	3.5	3.5
Display Color	16.7M	16.7M	16.7M
Brightness(cd/m2)	500	500	500
Contrast	1200:1	1200:1	1200:1
Response Time(m)	8	8	8
Viewing Angle(H/V)	178°(H)/178°(V)	178°(H)/178°(V)	178°(H)/178°(V)
Pixel Pitch(mm)	0.53025(H)×0.17675(V)	0.559(H)×0.1865(V)	0.63(H)×0.21(V)
Dimensions(mm)(W×H×D)	1022.28×576.87×125.45	1078.44×608.46×124.05	1213.70×684.50×125.59
Consumption(W)	141.6W	136W	220W
Power Supply	AC100-240V 50/60Hz	AC100-240V 50/60Hz	AC100-240V 50/60Hz
Weight(Kg)	22.5	23.5	24.5
Operating Temperature	0 ~ 40℃	0 ~ 40℃	0 ~ 40℃
Operating Humidity	20% ~ 90%RH	20% ~ 90%RH	20% ~ 90%RH
Altitude	5000m	5000m	5000m

LED	
Model	MW7212-E-U
Appearance	
Pixel Pitch(mm)	1.24
Module Resolution (W×H)	128×145
Module Size (W×H)	160x180
Cabinet Size (W×H×D)	W640×H360×D54.5
Modules/Cabinet (W x H)	4×2
Cabinet Resolution (W×H)	512×290
Cabinet Weight(Kg/pcs)	6.95
Cabinet Area (m²)	0.2304
Pixel Density (dots/m²)	644444
Cabinet Flatness (mm)	≤0.1
Cabinet Material	Die-cast aluminum
Brightness(nits)	50-800(adjustable)(700 by default)
Viewing Angle (H)	160°
Viewing Angle(V)	140°
Brightness Uniformity	≥97%
Color Uniformity	±0.003Cx,Cy
Contrast	≥4000:1
Gray Scale Processing	16bit
Scanning Mode	1/29 scan
Driving Mode	Constant Current Driving
Input Voltage	AC110 ~ 220V
Input Power (avg)(W/m²)	230
Input Power (max)(W/m²)	630
Maintenance Mode	Front Maintenance
Ingress Protection	IP5X
Operating Conditions(°C/RH)	-10 ~ +40℃ 8~85%RH
Storage Conditions(°C/RH)	-10 ~ +55/10 ~ 90%

Model	MW7212-E-BL-U	MW7214-E-U	MW7214-E-BL-U	MW7215-E-U	MW7215-E-BL-U
Appearance					
Pixel Pitch(mm)	1.24	1.45	1.45	1.55	1.55
Module Resolution (W×H)	128×145	110×124	110×124	102×116	102×116
Module Size (W×H)	160x180	160x180	160x180	160x180	160x180
Cabinet Size (W×H×D)	W640×H360×D54.5	W640×H360×D54.5	W640×H360×D54.5	W640×H360×D54.5	W640×H360×D54.5
Modules/Cabinet (W x H)	4×2	4×2	4×2	4×2	4×2
Cabinet Resolution (W×H)	512×290	440×248	440×248	408×232	408×232
Cabinet Weight(Kg/pcs)	6.95	6.95	6.95	6.95	6.95
Cabinet Area (m²)	0.2304	0.2304	0.2304	0.2304	0.2304
Pixel Density (dots/m²)	644444	473790	473790	410833	410833
Cabinet Flatness (mm)	≤0.1	≤0.1	≤0.1	≤0.1	≤0.1
Cabinet Material	Die-cast aluminum	Die-cast aluminum	Die-cast aluminum	Die-cast aluminum	Die-cast aluminum
Brightness(nits)	50-800(adjustable)(700 by default)	50-800(adjustable)(700 by default)	50-800(adjustable)(700 by default)	50-800(adjustable)(700 by default)	50-800(adjustable)(700 by default)
Viewing Angle (H)	160°	160°	160°	160°	160°
Viewing Angle(V)	140°	140°	140°	140°	140°
Brightness Uniformity	≥97%	≥97%	≥97%	≥97%	≥97%
Color Uniformity	±0.003Cx,Cy	±0.003Cx,Cy	±0.003Cx,Cy	±0.003Cx,Cy	±0.003Cx,Cy
Contrast	≥4000:1	≥4000:1	≥4000:1	≥4000:1	≥4000:1
Gray Scale Processing	16bit	14bit	14bit	14bit	14bit
Scanning Mode	1/29 scan	1/31 scan	1/31 scan	1/29 scan	1/29 scan
Driving Mode	Constant Current Driving	Constant Current Driving	Constant Current Driving	Constant Current Driving	Constant Current Driving
Input Voltage	AC110 ~ 220V	AC110 ~ 220V	AC110 ~ 220V	AC110 ~ 220V	AC110 ~ 220V
Input Power (avg)(W/m²)	230	217	217	210	210
Input Power (max)(W/m²)	630	600	600	590	590
Maintenance Mode	Front Maintenance	Front Maintenance	Front Maintenance	Front Maintenance	Front Maintenance
Ingress Protection	IP5X	IP5X	IP5X	IP5X	IP5X
Operating Conditions(°C/RH)	-10 ~ +40℃ 8~85%RH	-10 ~ +40℃ 8~85%RH	-10 ~ +40℃ 8~85%RH	-10 ~ +40℃ 8~85%RH	-10 ~ +40℃ 8~85%RH
Storage Conditions(°C/RH)	-10 ~ +55/10 ~ 90%	-10 ~ +55/10 ~ 90%	-10 ~ +55/10 ~ 90%	-10 ~ +55/10 ~ 90%	-10 ~ +55/10 ~ 90%

Model	MW7216-E-U	MW7216-E-BL-U	MW7218-E-DL-U
Appearance			
Pixel Pitch(mm)	1.667	1.667	1.875
Module Resolution (W×H)	96×108	96×108	85×96
Module Size (W×H)	160×180	160×180	160×180
Cabinet Size (W×H×D)	W640×H360×D54.5	W640×H360×D54.5	W640×H360×D54.5
Modules/Cabinet (W x H)	4×2	4×2	4×2
Cabinet Resolution (W×H)	384×216	384×216	340×192
Cabinet Weight(Kg/pcs)	6.95	6.95	6.95
Cabinet Area (m²)	0.2304	0.2304	0.2304
Pixel Density (dots/m²)	360000	360000	283333
Cabinet Flatness (mm)	≤0.1	≤0.1	≤0.1
Cabinet Material	Die-cast aluminum	Die-cast aluminum	Die-cast aluminum
Brightness(nits)	50-800(adjutable)(700 by default)	50-800(adjutable)(700 by default)	50-800(adjutable)(700 by default)
Viewing Angle (H)	160°	160°	160°
Viewing Angle(V)	140°	140°	140°
Brightness Uniformity	≥97%	≥97%	≥97%
Color Uniformity	±0.003Cx,Cy	±0.003Cx,Cy	±0.003Cx,Cy
Contrast	≥4000:1	≥4000:1	≥4000:1
Gray Scale Processing	14bit	14bit	14bit
Scanning Mode	1/27 scan	1/27 scan	1/32 scan
Driving Mode	Constant Current Driving	Constant Current Driving	Constant Current Driving
Input Voltage	AC110 ~ 220V	AC110 ~ 220V	AC110 ~ 220V
Input Power (avg)(W/m²)	180	180	165
Input Power (max)(W/m²)	530	530	415
Maintenance Mode	Front Maintenance	Front Maintenance	Front Maintenance
Ingress Protection	IP5X	IP5X	IP5X
Operating Conditions(°C/RH)	-10 ~ +40 °C 8~85%RH	-10 ~ +40 °C 8~85%RH	-10 ~ +40 °C 8~85%RH
Storage Conditions(°C/RH)	-10 ~ +55/10 ~ 90%	-10 ~ +55/10 ~ 90%	-10 ~ +55/10 ~ 90%

Monitor

Model		MW3219-V
Appearance		
Display	Display Type:	LED Backlight
	Screen Size	18.5"
	Pixel Pitch(mm)	0.3×0.3
	Max Resolution	1366×768
	Brightness	200 cd/m ²
	Contrast	600:1
	Response Time	5ms
	Color	16.7M
	Viewing Angle	Horizontal 90°, Vertical 65°
Interface	VGA	1
OSD	Multi- Language	16 (English, France, Spanish, Portuguese, German, Italian, Dutch, Swedish, Finnish, Polish, Czech, Russia, Korea, Simplified Chinese, Traditional Chinese, Japanese)
General	Power supply	DC 12V 2.5A
	Operation Temperature	0°C ~ 40 °C
	Operating Humidity	20% ~ 90%
	Dimension (W×H×D)	447mm × 354.93mm × 142mm
	Weight:	2.12 Kg

Model	MW3222-V	MW3228-F	MW3232-E	MW3243-E
Appearance				
Display	Display Type	LED Backlight	LED Backlight	LED Backlight
	Screen Size	21.5"	28"	31.5"
	Pixel Pitch(mm)	0.2482×0.2482	0.16(W)×0.16(H)	0.3637×0.3637
	Max Resolution	1920×1080	3840×2160	1920×1080
	Brightness	250 cd/m²	300 cd/m2	280 cd/m²
	Contrast	1000:1	1000:1	1200:1
	Response Time	5ms	5ms	8ms
	Color	16.7M	1.07B	16.7M
	Viewing Angle	Horizontal 170°, Vertical 160°	Horizontal 170°, Vertical 160°	Horizontal 178°, Vertical 178°
Interface		VGA, HDMI, Audio	VGA, HDMI, DVI, DP, Audio	VGA, HDMI, DVI, Audio
Audio	Speaker	2x3W	2×3W	2×3W
OSD	Multi- Language	11 (English, French, German, Italian, Simplified Chinese, Traditional Chinese, Korean, Japanese, Espanola, Portuguese, Russian)	4(English, Simplified Chinese, Spanish, Korean)	12 (English, French, German, Italian, Simplified Chinese, Espanol, Portuguese, Russian,Korean,Nederlands,Turkic,Polskl)
	Power supply	DC 12V/3.0A	AC 100~240V, 50~60Hz	AC 100~240V, 50~60Hz
General	Operation Temperature	5°C ~ 40 °C	0°C ~ 40 °C	0°C ~ 40 °C
	Operating Humidity	20%~80% (No Condensation)	10%~85% (No Condensation)	20%~80% (No Condensation)
	Dimension (W×H×D)	511mm × 377mm × 182mm	660.9(W) × 388.3(H) × 49(D)	750mm × 453mm × 48mm
	Weight:	Net Weight:3.4 Gross Weight:4.5	Net Weight: 7.75 Kg Cross Weight: 9.4Kg	18.5 Kg
				27.5

Accessories



IP Camera Bracket



Decoder



Keyboard



Video Wall Controller

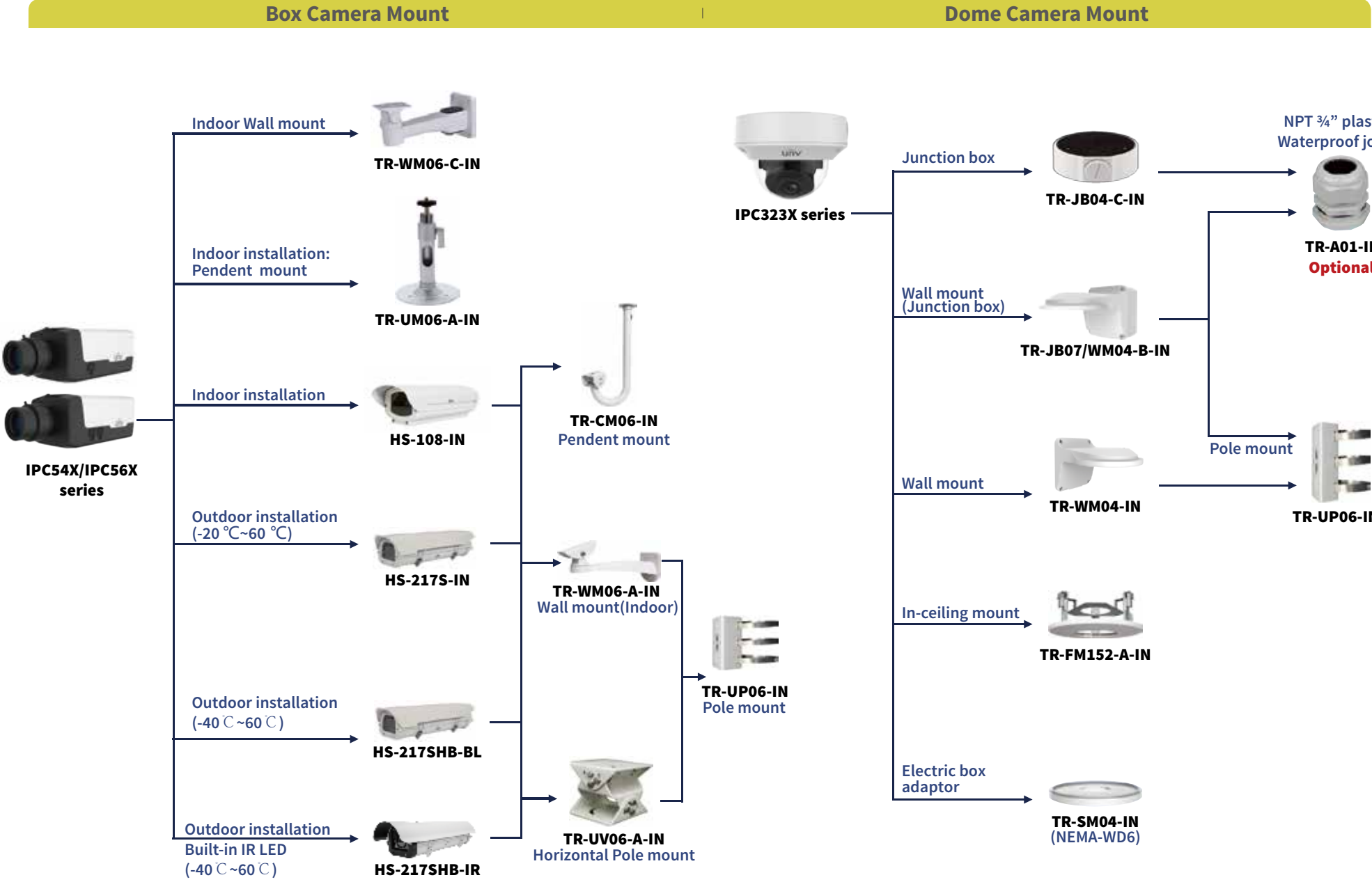


Switch

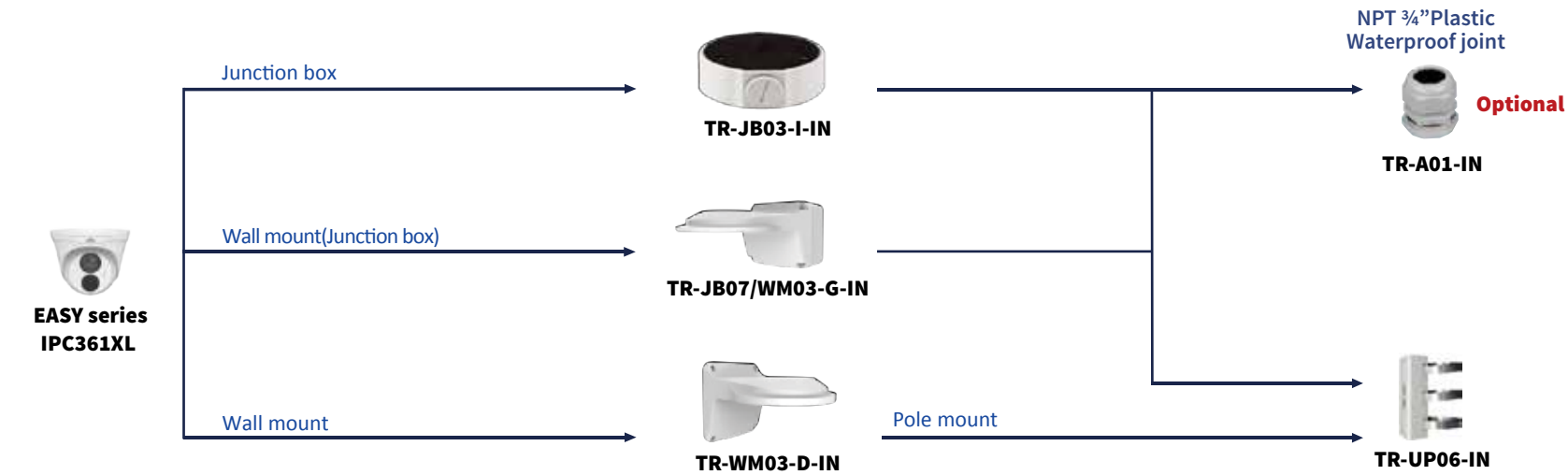
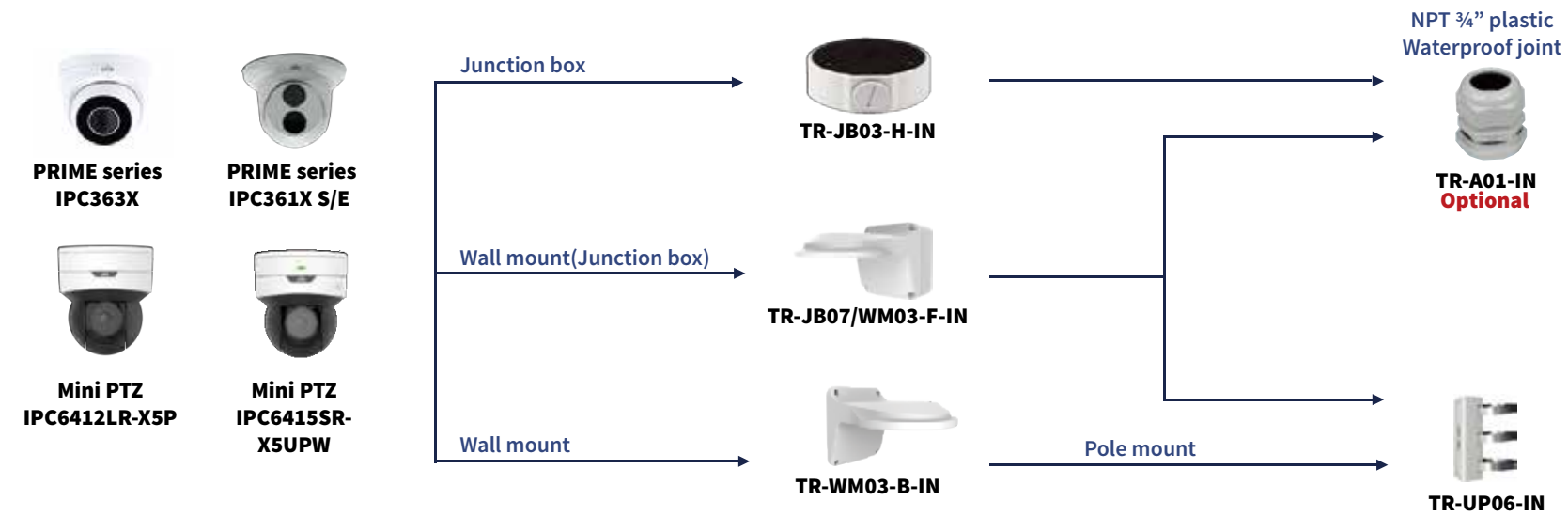


Network Cable

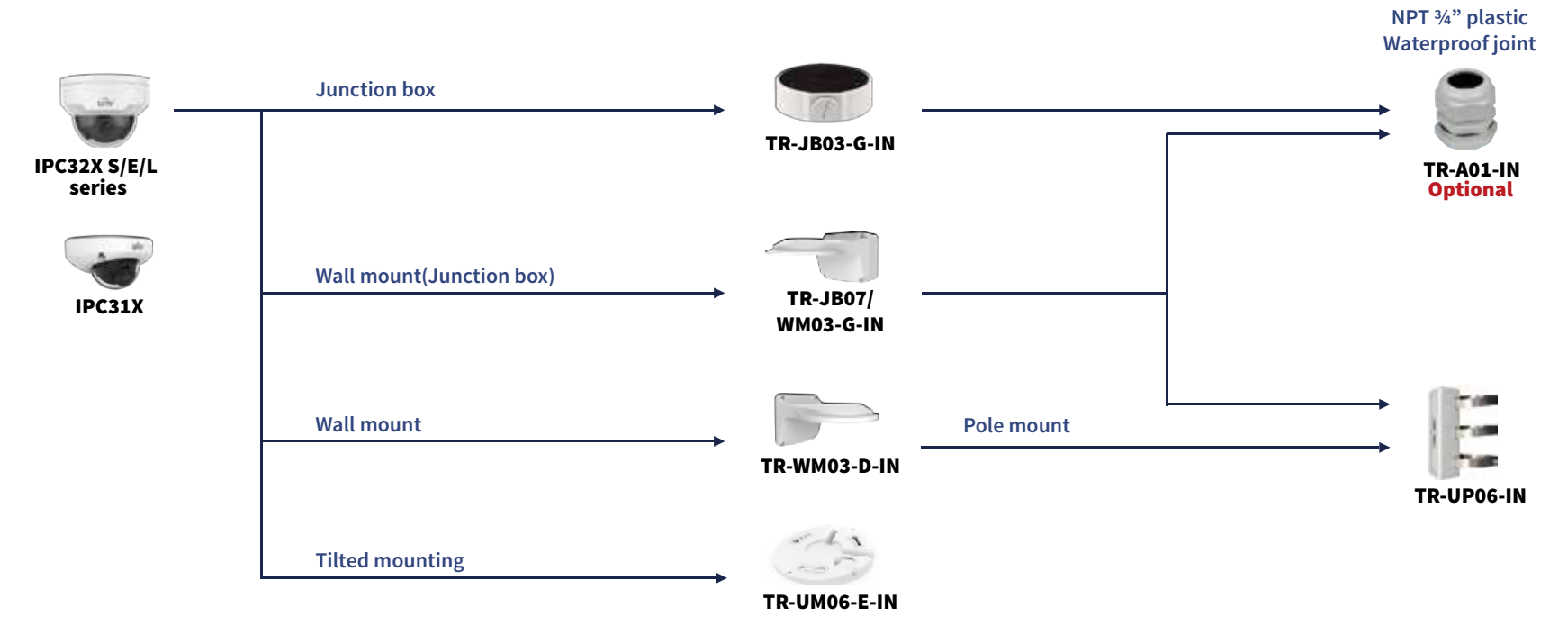
IP Camera Bracket



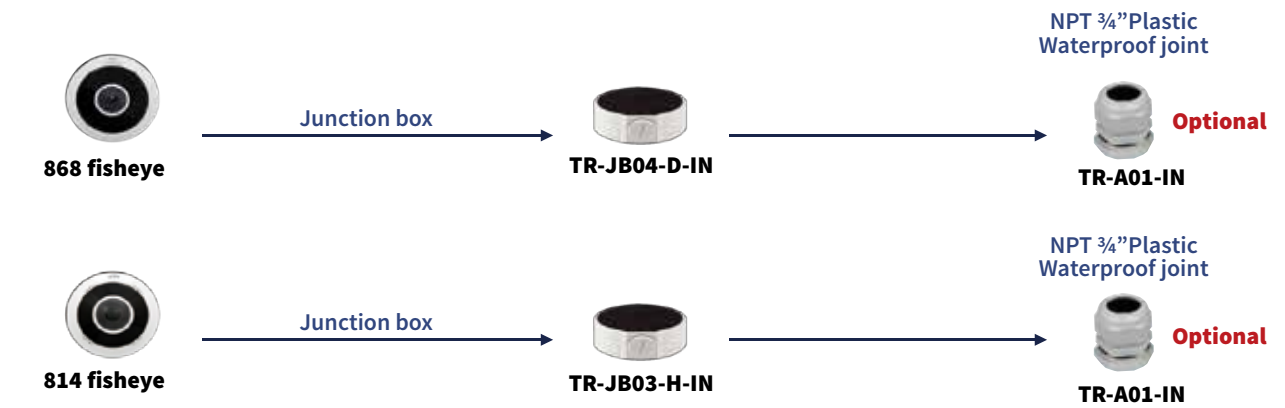
Dome Camera Mount



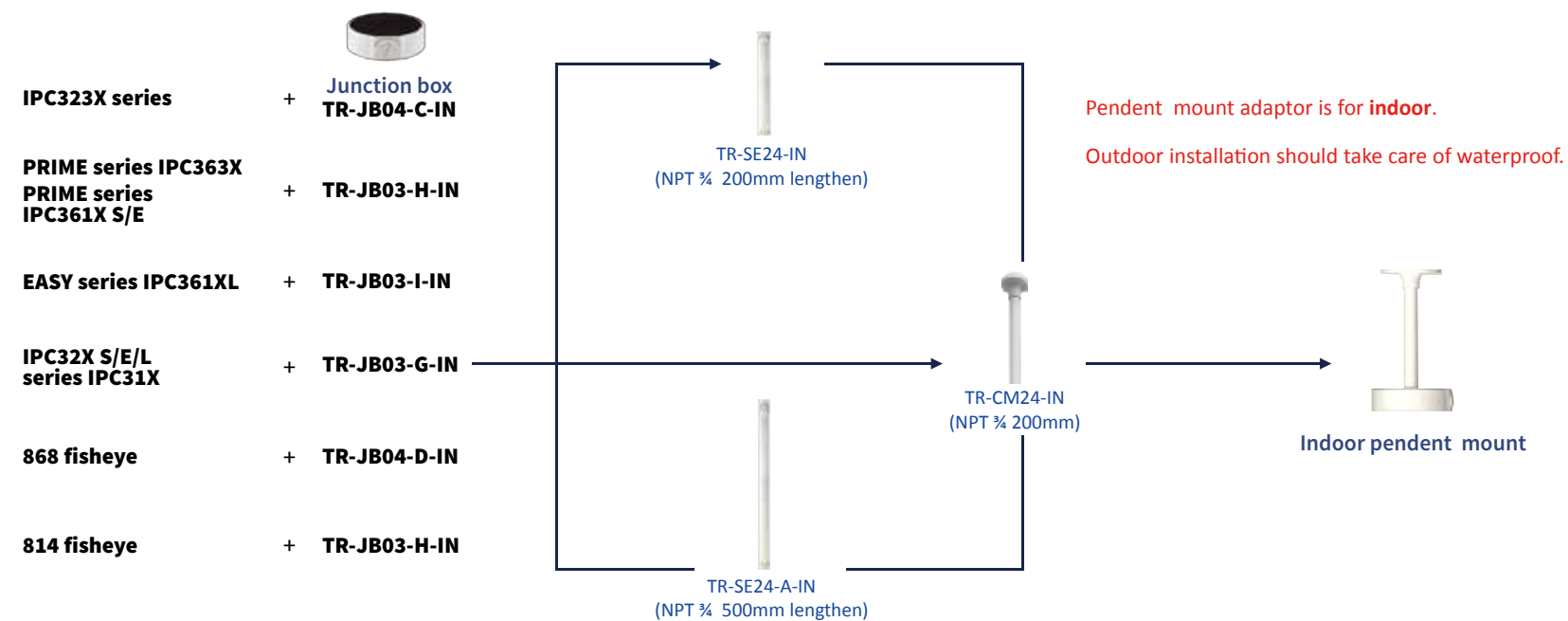
Dome Camera Mount



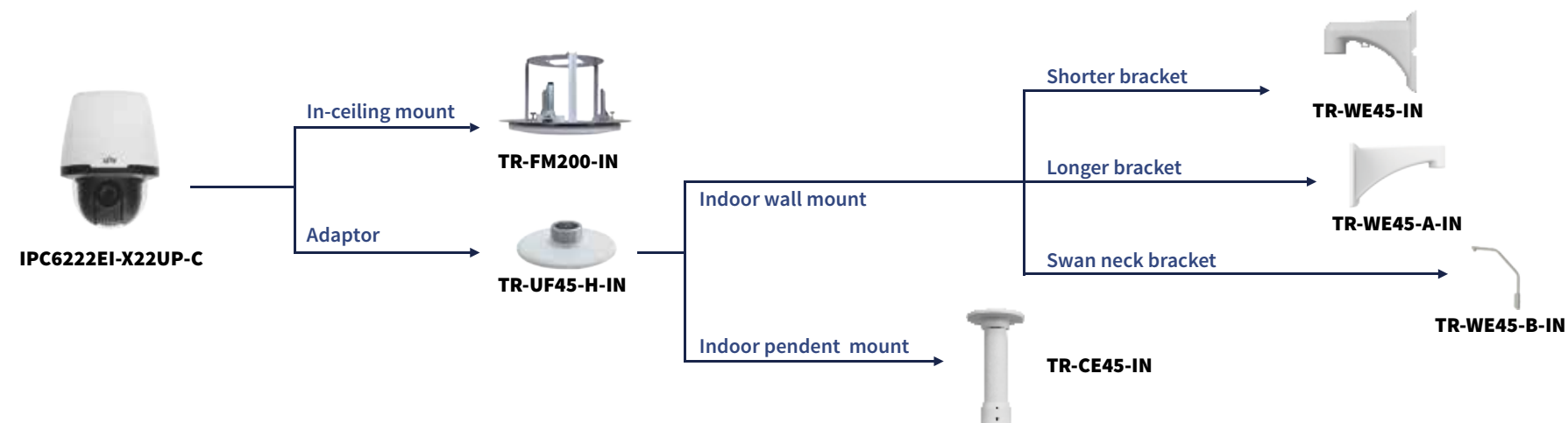
Fisheye Camera Mount



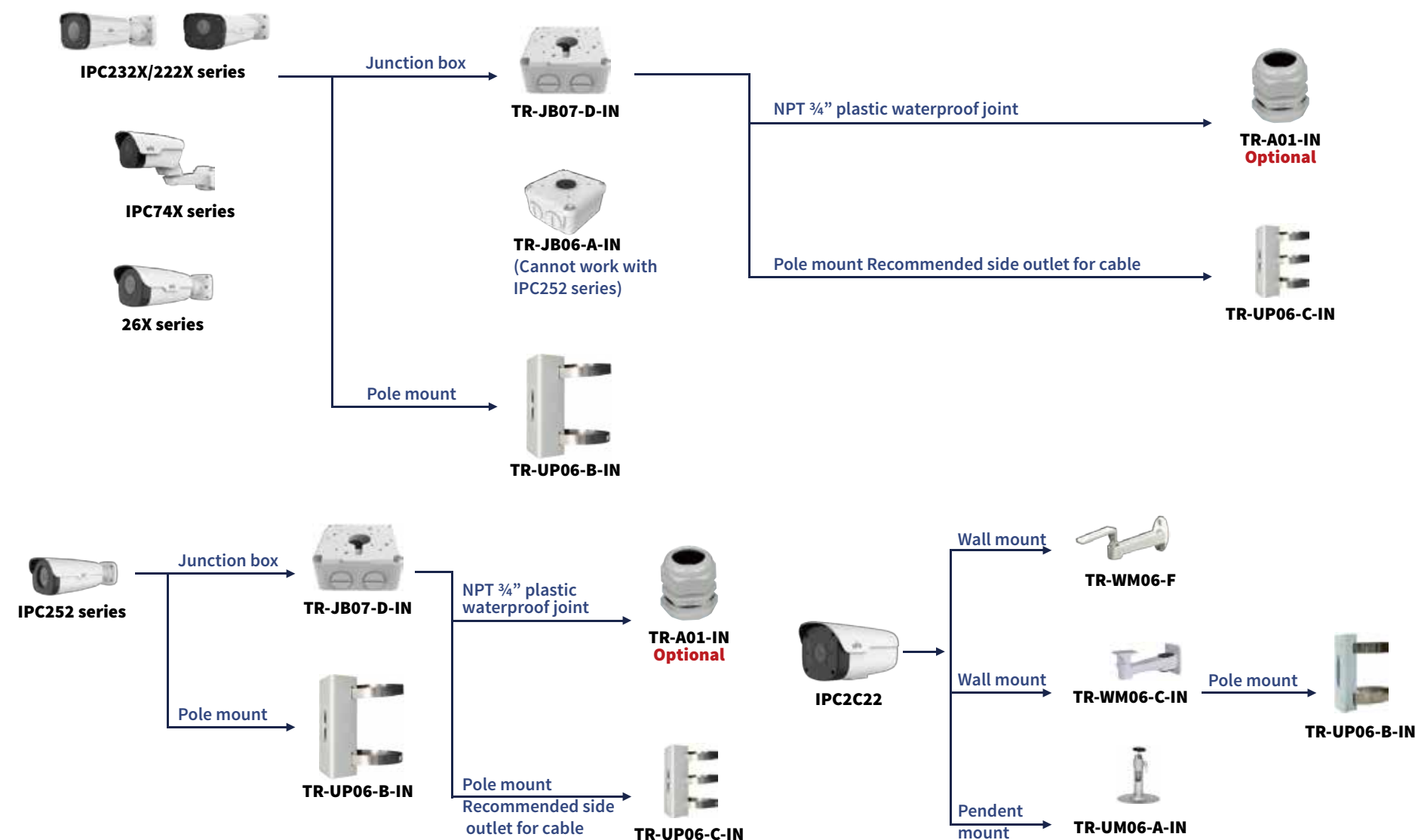
Dome Camera Indoor Pendant Mount



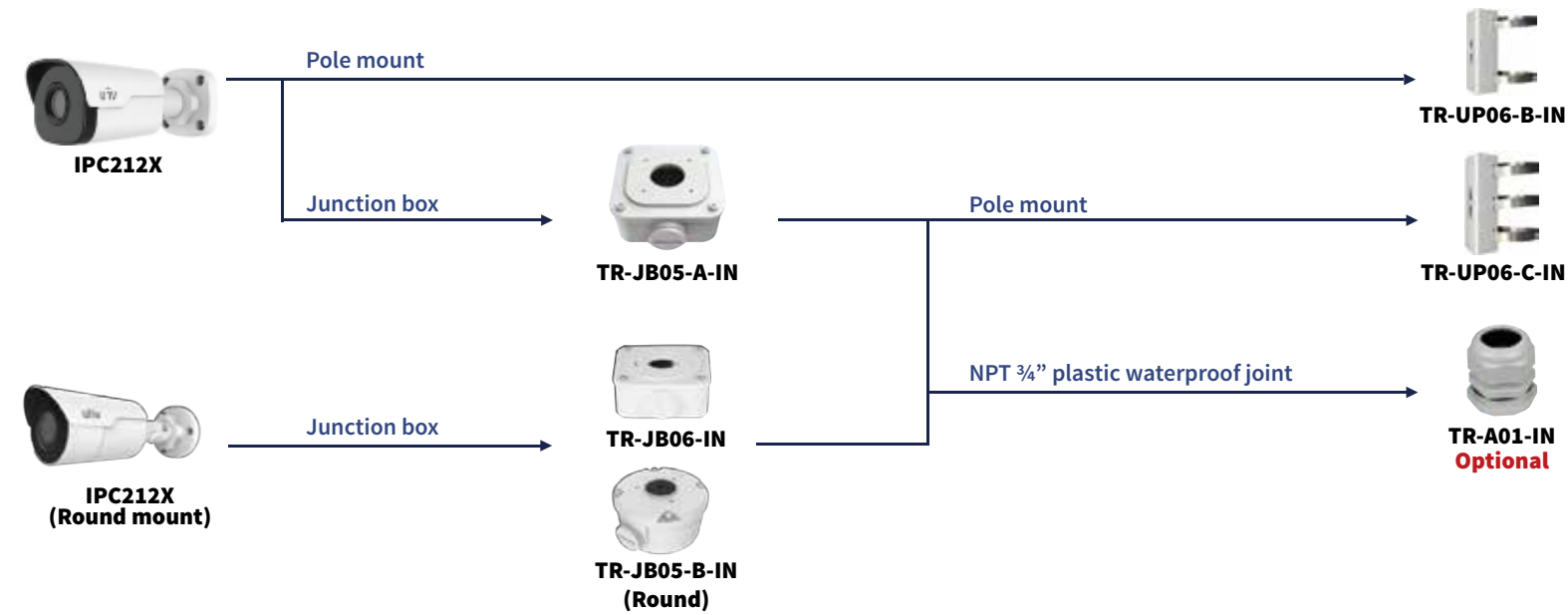
Indoor PTZ Dome Camera Mount



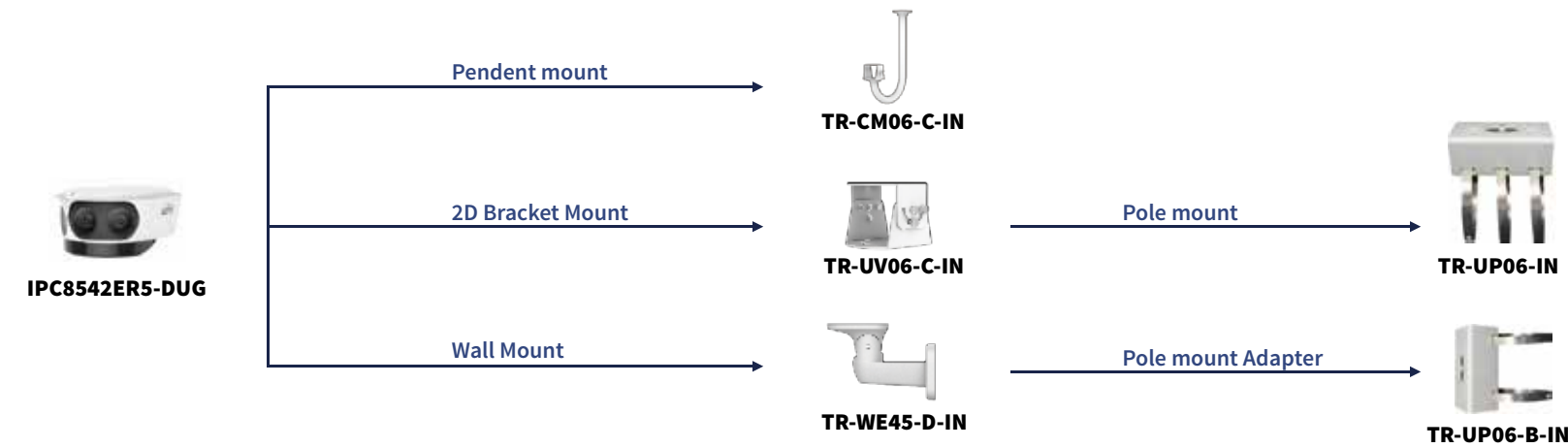
Bullet Camera Mount



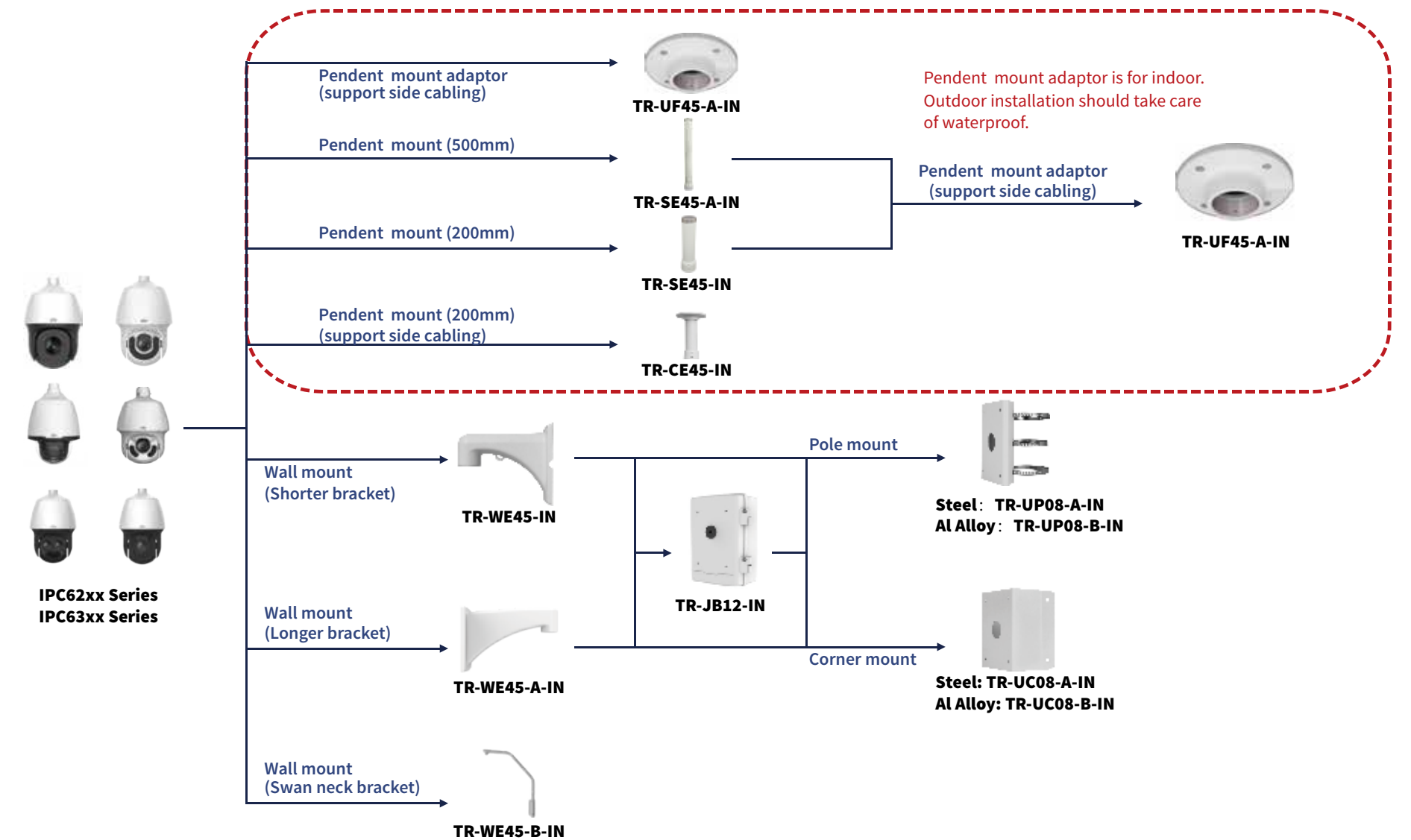
Mini Bullet Camera Mount



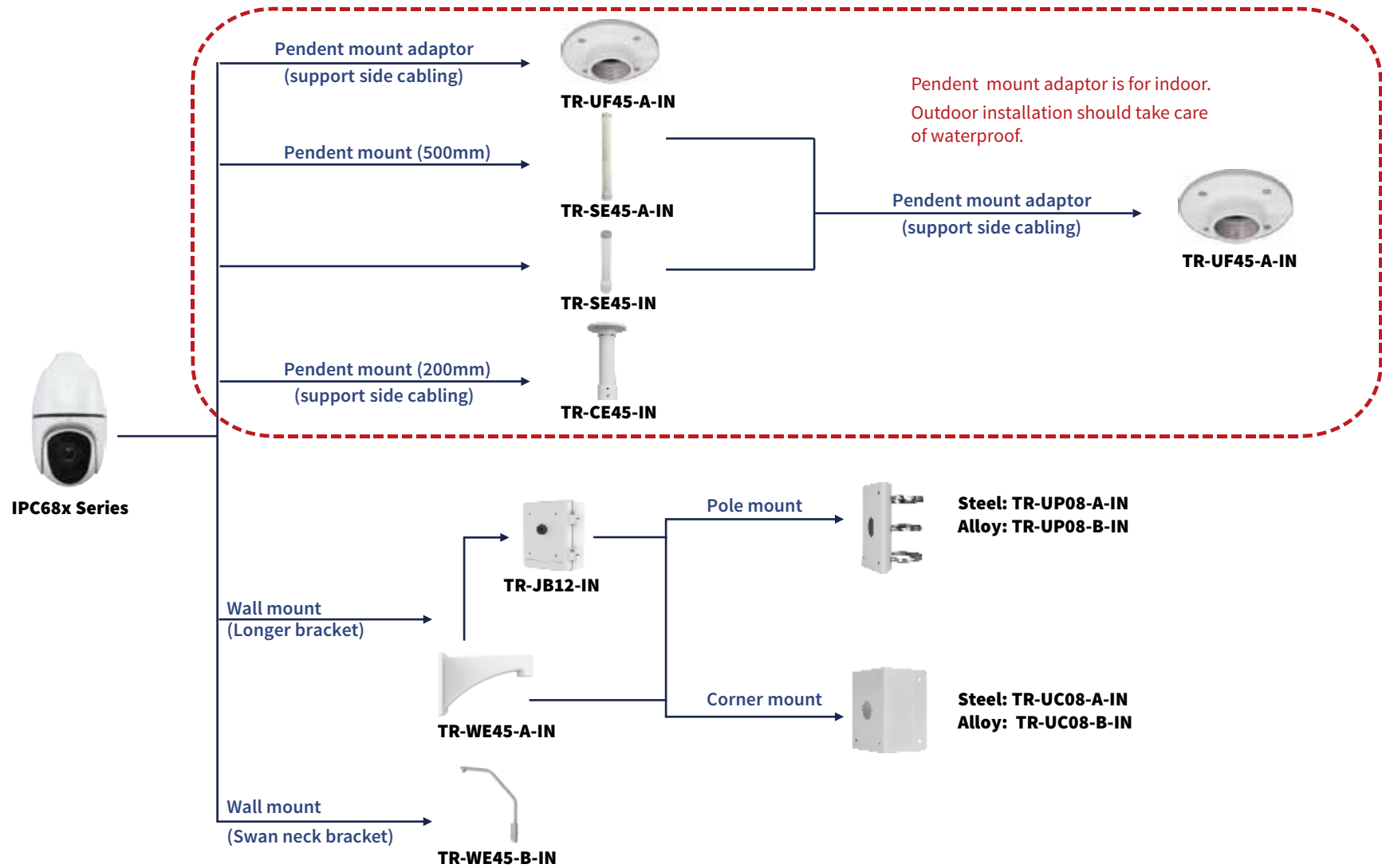
Multisensor Camera Mount



PTZ Dome Camera Mount



PTZ Dome Camera Mount



Decoder

Model	DC5301-IN	DC5506	DC5509
Appearance			
Video Output	1×HDMI, 1×VGA, 1×CVBS	6 × DVI-I, compatible with HDMI/ DVI-D/VGA/YPbPr/RGBHV port	9 × DVI-I, compatible with HDMI/ DVI-D/VGA/YPbPr/RGBHV port
Video Input Interface	N/A	1 × DVI-D	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 1440 × 900/60HZ 1600 × 1200/60HZ 1920 × 1080/60HZ	1024 × 768/60HZ 1280 × 720/60HZ 1280 × 1024/60HZ 1440 × 900/60HZ 1600 × 1200/60HZ 1920 × 1080/60HZ
Video Compression Standard	H.265, H.264, MPEG4, MJPEG	H.265/H.264	H.265/H.264
Split Screen	1/2/3/4/7/9/16	1/2/3/4/6/7/9/16	1/2/3/4/6/7/9/16
Decoder Performance	2*1200M@30; 4*4K@30; 6*500M@30; 10*300M@30; 8*1080P@60; 16*1080P@30	6x4K@30, 24x1080P@30, 54x720P@30, 96×D1	9x4K@30, 36x1080P@30, 81x720P@30, 144×D1
Video Wall	N/A	1*2, 2*2, 2*3	1*2, 2*2, 2*3, 2*4, 3*3
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-ch(Reservation)	1-ch(Reservation)
Audio Output	2 × Analog audio output	1-ch(Reservation)	1-ch(Reservation)
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	6/3	6/3
Network Interface	2 RJ-45 10M/100M/1000M adaptive Ethernet Interfaces	1× 10/100/1000Base-T	1× 10/100/1000Base-T
USB Interface	1 USB2.0 Interface	1 × USB 3.0	1 × USB 3.0
Dimensions (H × W × D)	40 × 250 × 189mm (1.6" × 9.8" × 7.4")	44mm (H) ×440mm (V) ×339mm (D)	44mm (H) ×440mm (V) ×339mm (D)
Weight	<2kg	<4Kg	<4Kg
Working Environment	-10 C to 60 C (+14°F ~ +140°F) 10% ~ 90% RH	-10 C to 55 C (14°F to 131°F) 5% to 95% RH	-10 C to 55 C (14°F to 131°F) 5% to 95% RH
Power Supply	12V DC	100 ~ 240V AC	100 ~ 240V AC
Consumption	15W	<54W	<54W

Keyboard

Model	KB-1100
Appearance	
Joystick	four-dimensional joystick
Ethernet port	1 RJ-45 10 M / 100 M adaptive Ethernet port
USB Interface	1 USB2.0 interfaces
Serial Interface	1 RS-232, 2 RS-485
Power Supply	12V DC
Consumption	5W
Working Temperature	-10°C ~ + 55°C
Working Humidity	10% ~ 90%
Dimensions	47mm×270mm×440mm (1.9"×10.6"×17.3")
Weight	<1kg

Video Wall Controller

Model	DMC8000-3U
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Appearance		
Case	3U	
Dimensions(W×D×H)(mm)	442×468.8×132.0	
Weight(kg)	4	
Consumption(w)	< 300	
Host Power Consumption	<60	
Support Slot	4	
Master Control Interface	1 GE, 4 RS-232, 4 RS-485,2 USB3.0,1 Reset	
Power Supply	100V ~ 240V AC 50Hz/60Hz	
Working Temperature	0°C ~ 50°C	
HDMI,DVI and VGA Input	XGA:1024 × 768@60HZ SXGA:1280 × 1024@60HZ UXGA:1600 × 1200@60HZ	720P:1280 × 720@60HZ 1080P:1920 × 1080@60HZ 1680 × 1050@60HZ
DVI Output	XGA:1024 × 768@60HZ SXGA:1280 × 1024@60HZ WXGA+:1440 × 900@60HZ WUXGA:1920 × 1200@60HZ	720P:1280 × 720@60HZ UXGA:1600 × 1200@60HZ 1080P:1920 × 1080@60HZ

Model	DMC8000-5U
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Appearance		
Case	5U	
Dimensions(W×D×H)(mm)	442×468.8×220.0	
Weight(kg)	5	
Consumption(w)	< 650	
Host Power Consumption	<60	
Support Slot	6	
Master Control Interface	1 GE, 4 RS-232, 4 RS-485,2 USB3.0,1 Reset	
Power Supply	100V ~ 240V AC 50Hz/60Hz	
Working Temperature	0°C ~ 50°C	
HDMI,DVI and VGA Input	XGA:1024 × 768@60HZ SXGA:1280 × 1024@60HZ UXGA:1600 × 1200@60HZ	720P:1280 × 720@60HZ 1080P:1920 × 1080@60HZ 1680 × 1050@60HZ
DVI Output	XGA:1024 × 768@60HZ SXGA:1280 × 1024@60HZ WXGA+:1440 × 900@60HZ WUXGA:1920 × 1200@60HZ	720P:1280 × 720@60HZ UXGA:1600 × 1200@60HZ 1080P:1920 × 1080@60HZ

Switch

Model	NSW2010-6T-POE-IN	NSW2010-10T-POE-IN
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Appearance	 	
Ports	6×100Mbps network ports (RJ45), including 4 PoE ports	10×100Mbps network ports (RJ45), including 8 PoE ports
Standards	IEEE802.3,IEEE802.3u,IEEE802.3az, IEEE802.3x,IEEE802.3af,IEEE802.3at	IEEE802.3,IEEE802.3u,IEEE802.3az, IEEE802.3x,IEEE802.3af,IEEE802.3at
MAC	2K	8K
Packet forwarding rate	0.90Mpps	1.49Mpps
Switching capacity	1.2Gbps	2Gbps
EXTEND mode	Default(Normal mode) : All ports can communicate with each other. EXTEND(Surveillance mode): Transmission distance up to 250 meters.Downlink ports can communicate only with uplink ports.	Default(Normal mode) : All ports can communicate with each other. VLAN(Secure mode): Downlink ports can communicate only with uplink ports. EXTEND(Surveillance mode): Transmission distance up to 250 meters.Downlink ports can communicate only with uplink ports.
PoE	802.3at/af Max capacity: 65W Max capacity for single port: 30W	802.3at/af Max capacity: 120W Max capacity for single port: 30W
Mean Time Between Failure (MTBF)	>50000 hours	>50000 hours
DC voltage/AC voltage	AC: 100-240V, 50/60Hz	AC: 100-240V, 50/60Hz
Operating temperature	0°C-40°C (32°F-104°F)	0°C-40°C (32°F-104°F)
Operating humidity	10% ~ 90% (noncondensing)	10% ~ 90% (noncondensing)
Storage humidity	5% ~ 90% (noncondensing)	5% ~ 90% (noncondensing)
Dimensions (W×D×H)	160mm x 93mm x 32mm(6.3"×3.7"×1.3")	220mm x 150mm x 44mm(8.7"×5.9"×1.7")

Network Cable

Model	CAB-LC2100A-IN
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Appearance	
Cable Type	CAT5E
Material/Copper Content	Solid-bare Copper/99.97%
AWG	24
Insulation Material	HDPE
Sheath Material	PVC(complies RoHS/REACH)
Ambient Temperature	-20°C ~ 60°C
Certification	UL,CPR

Model	CAB-LC3100A-IN
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Appearance	
Cable Type	CAT6
Material/Copper Content	Solid-bare Copper/99.97%
AWG	23
Insulation Material	HDPE
Sheath Material	PVC(complies RoHS/REACH)
Ambient Temperature	-20°C ~ 60°C
Certification	UL,CPR