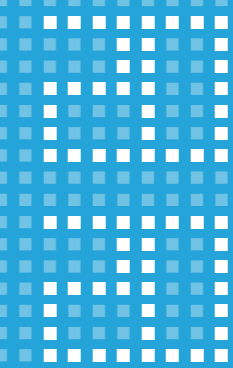




Better Security, Better World.



# UNIVIEW

PRODUCT GUIDE



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# ABOUT US

## Aiming to excellence

Uniview is a leading global manufacturer of professional video surveillance devices and solutions. As first to invent the network camera in China, Uniview has continued to bring cutting-edge technologies to the industry. Uniview provides complete product lines including network camera, network video recorder, storage, transmission, and display devices. With integrated solutions for various industries including retail, healthcare, finance, transportation, industrial park, and more, we are committed to bringing better security to the marketplace for building a better world.

Uniview has complete IP video surveillance product lines including network camera, NVR, VMS, professional storage, display and control devices, 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, VMS, Professional Storage, Display & Control



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## Network Camera

Products from Easy series are most popular choices for entry-level applications such as residential and small retail stores. It consists of L series IP cameras and brand-new Easystar series starlight cameras. All of them are featured with Ultra 265 compression technology which is exclusively developed by Uniview. The most important business value of them is providing excellent performance with affordable price. In addition, Easy series products are very easy to install and maintain, hence can be utilized anywhere within seconds. Easy family products are most cost-effective options for a residence and small business application.



### PixelSense Technology

PixelSense is Uniview's patented technology for switching Day & Night mode of IP camera. The traditional hardware switching method rely on an optical coupler which detects the illumination of the place where the camera is installed in. However, if the illumination of installation environment is different from real shooting scene's, the Day & Night switching might be triggered incorrectly.

UNV PixelSense technology is much more accurate. It detects the shooting scene's illumination (RGB) by the sensor of the camera, then drives IR-CUT to switch Day & Night mode. Besides, PixelSense technology is not rely on hardware optical coupler, that is the reason why 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 adjusts GOP dynamically, meanwhile keeping good image quality. Recently, updated U-code supports frame rate controlling for different video content, we call it the dynamic frame rate. It is used to automatically maintain high frame rate monitoring for many moving objects scenario, but decrease the frame rate for few moving objects cases. No more details will be missed for complex surveillance images, and no more storages will be wasted for simple monitoring situation.

### Easystar Series

If you hope to find the most cost-effective cameras that is also capable of presenting excellent color image performance, the new Easystar series is definitely the best choice. Those cameras hits the entry-level surveillance market with incredible starlight-level imaging performance and valuable price. There are 2MP bullet, dome, turret models and 4MP bullet cameras. The long night IR visible distance that up to 50m(bullet models only) offers best user experiences. Besides, the 4MP model support WDR which ensures excellent image quality in significant foreground and background illumination contrast. Easystar cameras is the optimal option for the small-to-medium business applications such as office park.

### 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. In 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 disconnection is detected, 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.



#### IPC2124LR5-DUPF28(40)M-F

- 4MP@25fps (2592\*1520)
- Ultra 265, up to 95% bandwidth reduction
- Smart IR and anti-reflection glass design, up to 50m IR distance
- 120dB true WDR
- Support PoE,  $\pm 25\%$  wide voltage tolerance
- Apply metal housing, IP67 water proof



#### IPC2128LR3-DPF28(40)M-F

- 8MP@20fps (3840\*2160)
- Ultra 265, up to 95% bandwidth reduction
- Smart IR and anti-reflection glass design, up to 30m IR distance
- 120dB true WDR
- Support PoE,  $\pm 25\%$  wide voltage tolerance
- Reset button, IP67 water proof

Easy Basic

Model	IPC2122LR3-PF28M-D	IPC2122LR3-PF40(60)M-D	IPC2122SR3-F40W-D	IPC322SR3-VSF28W-D	IPC322LR3-VSPF28(40)-D
<b>Appearance</b>					
<b>Axis</b>	3-Axis	3-Axis	3-Axis	3-Axis	2-Axis
<b>Low illumination characteristics</b>	Low-light	Low-light	Low-light	Low-light	Low-light
<b>Adjustment angle</b>	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°~68° Rotate: 0°~360°	Pan: 0°~360° Tilt: 0°~75°
<b>Sensor</b>	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
<b>Wide Dynamic Range</b>	Digital WDR	Digital WDR	Digital WDR	Digital WDR	Digital WDR
<b>Zoom</b>	Fixed	Fixed	Fixed	Fixed	Fixed
<b>Lens</b>	Focus: 2.8mm Iris: F2.0 Angle of view(H): 112.7°	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°
<b>Iris</b>	Fixed	Fixed	Fixed	Fixed	Fixed
<b>Min. illumination</b>	Color: 0.02Lux (F2.0, AGC ON) 0Lux with IR	Color: 0.02Lux (F2.0, AGC ON) 0Lux with IR	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
<b>IR</b>	Up to 30m (98ft)	Up to 30m (98ft)	Up to 30m (98ft)	Up to 30m (98ft)	Up to 30m (98ft)
<b>Video Compression</b>	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
<b>Frame Rate</b>	1920x1080 30fps	1920x1080 30fps	1920x1080 20fps	1920x1080 20fps	1920x1080 30fps
<b>9:16 Corridor Mode</b>	N/A	N/A	N/A	N/A	N/A
<b>Video Streaming</b>	Triple Streams	Triple Streams	Triple Streams	Triple Streams	Triple Streams
<b>Privacy Mask</b>	√	√	√	√	√
<b>The number of OSD</b>	Up to 4 OSDs	Up to 4 OSDs	Up to 4 OSDs	Up to 4 OSDs	Up to 4 OSDs
<b>Audio I/O</b>	N/A	N/A	N/A	N/A	N/A
<b>Alarm I/O</b>	N/A	N/A	N/A	N/A	N/A
<b>BNC</b>	N/A	N/A	N/A	N/A	N/A
<b>Edge Storage</b>	N/A	N/A	MicroSD, up to 256GB	MicroSD, up to 256GB	N/A
<b>Network Interface</b>	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
<b>Reset Button</b>	√	√	√	√	N/A
<b>Power</b>	DC 12V ±25% PoE (IEEE 802.3af)	DC 12V ±25% PoE (IEEE 802.3af)	12 V DC±25%	12 V DC±25%	DC 12V ±25% PoE (IEEE 802.3af)
<b>Working Environment</b>	-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)
<b>Ingress Protection</b>	IP67	IP67	IP67	IP67	IP67
<b>Vandal Resistant</b>	N/A	N/A	N/A	IK10	IK10
<b>Weight</b>	0.45kg (0.99lb)	0.37kg (0.81lb)	0.25 kg (0.55 lb)	0.45 kg (0.99 lb)	0.37kg (0.81lb)
<b>Power Consumption</b>	Max 6.4W	Max 4.5W	Max 5.5W	Max 5W	Max 4.5W
<b>Dimensions (L x W x H)</b>	165 x 63.1 x 62.5mm (6.5"x2.5"x2.5")	167.3x62.9x62.7mm (6.6"x2.5"x2.5")	162.6 x 62.4 x 62.7 mm (6.4" x 2.5" x 2.5")	Φ 109 x 81 mm (Ø4.29" x 3.2")	Φ 109x81mm (Ø4.3"x3.2")

Easy Basic

Model	IPC3612LR3-PF28(40)-D	IPC2322LBR3-SP-D	IPC2322LBR3-SPZ28-D	IPC3232LR3-VSP-D	IPC3232LR3-VSPZ28-D
<b>Appearance</b>					
<b>Axis</b>	3-Axis	3-Axis	3-Axis	3-Axis	3-Axis
<b>Low illumination characteristics</b>	Low-light	Low-light	Low-light	Low-light	Low-light
<b>Adjustment angle</b>	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°~80° Rotate: 0°~360°	Pan: 0°~360° Tilt: 0°~80° Rotate: 0°~360°
<b>Sensor</b>	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
<b>Wide Dynamic Range</b>	Digital WDR	Digital WDR	Digital WDR	Digital WDR	Digital WDR
<b>Zoom</b>	Fixed	Manual	Motorized	Manual	Motorized
<b>Lens</b>	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): 116.5° ~ 31.1°	Focus: 2.8~12mm Iris: F1.6 Angle of view (H): 116.5° ~ 31.1°
<b>Iris</b>	Fixed	Fixed	Fixed	Fixed	Fixed
<b>Min. illumination</b>	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
<b>IR</b>	Up to 30m (98ft)	Up to 30m (98ft)	Up to 30m (98ft)	Up to 30m (98ft)	Up to 30m (98ft)
<b>Video Compression</b>	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
<b>Frame Rate</b>	1920x1080 30fps	1920x1080 30fps	1920x1080 30fps	1920x1080 30fps	1920x1080 30fps
<b>9:16 Corridor Mode</b>	N/A	N/A	N/A	N/A	N/A
<b>Video Streaming</b>	Triple streams	Triple streams	Triple streams	Triple streams	Triple streams
<b>Privacy Mask</b>	√	√	√	√	√
<b>The number of OSD</b>	Up to 4 OSDs	Up to 4 OSDs	Up to 4 OSDs	Up to 4 OSDs	Up to 4 OSDs
<b>Audio I/O</b>	N/A	N/A	N/A	N/A	N/A
<b>Alarm I/O</b>	N/A	N/A	N/A	N/A	N/A
<b>BNC</b>	N/A	N/A	N/A	N/A	N/A
<b>Edge Storage</b>	N/A	MicroSD, up to 256GB	MicroSD, up to 256GB	MicroSD, up to 256GB	MicroSD, up to 256GB
<b>Network Interface</b>	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
<b>Reset Button</b>	N/A	N/A	N/A	√	√
<b>Power</b>	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)
<b>Working Environment</b>	-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)
<b>Ingress Protection</b>	IP67	IP67	IP67	IP67	IP67
<b>Vandal Resistant</b>	N/A	N/A	N/A	IK10	IK10
<b>Weight</b>	0.3kg (0.66lb)	1kg(2.2lb)	1kg(2.2lb)	0.92kg (2.0lb)	0.92kg (2.0lb)
<b>Power Consumption</b>	Max 4.5W	Max 6.5W	Max 6.5W	Max 6.5W	Max 6.5W
<b>Dimensions (L x W x H)</b>	Φ 118x96mm (Φ 4.6"x3.8")	253.4x86x71.7mm(9.98"x3.4"x2.8")	253.4x86x71.7mm(9.98"x3.4"x2.8")	Φ 148x111.3mm (Φ 5.8"x4.4")	Φ 148x111.3mm (Φ 5.8"x4.4")

## Easy Basic

Model	IPC2123LR3-PF28(40)M-F	IPC323LR3-VSPF28(40)-F	IPC3613LR3-PF28(40)-F	IPC2124LR3-PF28M-D	IPC2124LR3-PF40(60)M-D
<b>Appearance</b>					
<b>Axis</b>	3-Axis	2-Axis	3-Axis	3-Axis	3-Axis
<b>Low illumination characteristics</b>	Low-light	Low-light	Low-light	Low-light	Low-light
<b>Adjustment angle</b>	Pan: 0°~360° Tilt: 0°~90° Rotate: 0°~360°	Pan: 0°~360° Tilt: 0°~75°	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°
<b>Sensor</b>	1/2.7"/3MP/CMOS	1/2.7"/3MP/CMOS	1/2.7"/3MP/CMOS	1/3"/4MP/CMOS	1/3"/4MP/CMOS
<b>Wide Dynamic Range</b>	Digital WDR	Digital WDR	Digital WDR	Digital WDR	Digital WDR
<b>Zoom</b>	Fixed	Fixed	Fixed	Fixed	Fixed
<b>Lens</b>	Focus: 2.8mm, 4mm Iris: F2.0 Angle of view(H): 113.1°/86.9°	Focus: 2.8mm, 4mm Iris: F2.0 Angle of view(H): 113.1°/86.9°	Focus: 2.8mm, 4mm Iris: F2.0 Angle of view(H): 113.1°/86.9°	Focus: 2.8mm Iris: F2.0 Angle of view(H): 104.4°	Focus: 4mm, 6mm Iris: F2.0 Angle of view(H): 78.9°/49.9°
<b>Iris</b>	Fixed	Fixed	Fixed	Fixed	Fixed
<b>Min. illumination</b>	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	Color: 0.03Lux (F2.0, AGC ON) 0Lux with IR	Color: 0.03Lux (F2.0, AGC ON) 0Lux with IR
<b>IR</b>	Up to 30m (98ft)	Up to 30m (98ft)	Up to 30m (98ft)	Up to 30m (98ft)	Up to 30m (98ft)
<b>Video Compression</b>	Ultra265, H.265,H.264	Ultra265, H.265,H.264	Ultra265, H.265,H.264	Ultra265, H.265,H.264, MJPEG	Ultra265, H.265,H.264, MJPEG
<b>Frame Rate</b>	2304x1296 20fps	2304x1296 20fps	2304x1296 20fps	2592x1520 20fps	2592x1520 20fps
<b>9:16 Corridor Mode</b>	N/A	N/A	N/A	N/A	N/A
<b>Video Streaming</b>	dual streams	dual streams	dual streams	Triple Streams	Triple Streams
<b>Privacy Mask</b>	√	√	√	√	√
<b>The number of OSD</b>	Up to 4 OSDs	Up to 4 OSDs	Up to 4 OSDs	Up to 4 OSDs	Up to 4 OSDs
<b>Audio I/O</b>	N/A	N/A	N/A	N/A	N/A
<b>Alarm I/O</b>	N/A	N/A	N/A	N/A	N/A
<b>BNC</b>	N/A	N/A	N/A	N/A	N/A
<b>Edge Storage</b>	N/A	N/A	N/A	N/A	N/A
<b>Network Interface</b>	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
<b>Reset Button</b>	√	N/A	N/A	√	√
<b>Power</b>	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)
<b>Working Environment</b>	-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)
<b>Ingress Protection</b>	IP67	IP67	IP67	IP67	IP67
<b>Vandal Resistant</b>	N/A	IK10	N/A	N/A	N/A
<b>Weight</b>	0.37kg (0.81lb)	0.45kg (0.99lb)	0.3kg (0.66lb)	0.45kg (0.99lb)	0.37kg (0.81lb)
<b>Power Consumption</b>	4W	4W	4W	Max 6.4W	Max 4W
<b>Dimensions (L × W × H)</b>	167.3 × 62.9 × 62.7mm (6.6" × 2.5" × 2.5")	Φ 109 x 81mm (Ø4.3" × 3.2")	Φ 118 x 96mm (Φ 4.6" × 3.8")	165 × 63.1 × 62.5mm (6.5" × 2.5" × 2.5")	167.3 × 62.9 × 62.7mm (6.6" × 2.5" × 2.5")





## Easy Basic

Model	IPC2124LR3-F40W-D	IPC324LR3-VSPF28(40)-D	IPC3614LR3-PF28(40)-D	IPC2324LBR3-SP-D	IPC2324LBR3-SPZ28-D
<b>Appearance</b>					
<b>Axis</b>	3-Axis	2-Axis	3-Axis	3-Axis	3-Axis
<b>Low illumination characteristics</b>	Low-light	Low-light	Low-light	Low-light	Low-light
<b>Adjustment angle</b>	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°~90° Rotate: 0°~360°	Pan: 0°~360° Tilt: 0°~90° Rotate: 0°~360°
<b>Sensor</b>	1/2.7"/4MP/CMOS	1/3"/4MP/CMOS	1/3"/4MP/CMOS	1/3"/4MP/CMOS	1/3"/4MP/CMOS
<b>Wide Dynamic Range</b>	Digital WDR	Digital WDR	Digital WDR	Digital WDR	Digital WDR
<b>Zoom</b>	Fixed	Fixed	Fixed	Manual	Motorized
<b>Lens</b>	Focus: 4mm Iris: F2.0 Angle of view(H): 86.5°	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): 104.4°~25°	Focus: 2.8~12mm Iris: F1.6 Angle of view (H): 104.4°~25°
<b>Iris</b>	Fixed	Fixed	Fixed	Fixed	Fixed
<b>Min. illumination</b>	Color: 0.02Lux (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
<b>IR</b>	Up to 30m (98ft)	Up to 30m (98ft)	Up to 30m (98ft)	Up to 30m (98ft)	Up to 30m (98ft)
<b>Video Compression</b>	Ultra265, H.265,H.264, MJPEG	Ultra265, H.265,H.264, MJPEG	Ultra265, H.265,H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG
<b>Frame Rate</b>	2560×1440 15fps	2592×1520 20fps	2592×1520 20 fps; 2048×1520 20 fps; 1920×1080 20 fps;	2592×1520 20 fps; 2048×1520 20 fps; 1920×1080 20 fps;	2592×1520 20 fps; 2048×1520 20 fps; 1920×1080 20 fps;
<b>9:16 Corridor Mode</b>	N/A	N/A	N/A	N/A	N/A
<b>Video Streaming</b>	Triple Streams	Triple Streams	Triple streams	Triple streams	Triple streams
<b>Privacy Mask</b>	√	√	√	√	√
<b>The number of OSD</b>	Up to 4 OSDs	Up to 4 OSDs	Up to 4 OSDs	Up to 4 OSDs	Up to 4 OSDs
<b>Audio I/O</b>	N/A	N/A	N/A	N/A	N/A
<b>Alarm I/O</b>	N/A	N/A	N/A	N/A	N/A
<b>BNC</b>	N/A	N/A	N/A	N/A	N/A
<b>Edge Storage</b>	MicroSD, up to 256GB	N/A	N/A	MicroSD, up to 256GB	MicroSD, up to 256GB
<b>Network Interface</b>	10M/100M Base-TX Ethernet WiFi	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet
<b>Reset Button</b>	√	N/A	N/A	N/A	N/A
<b>Power</b>	12 V DC±25%	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)
<b>Working Environment</b>	-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)
<b>Ingress Protection</b>	IP67	IP67	IP67	IP67	IP67
<b>Vandal Resistant</b>	N/A	IK10	N/A	N/A	N/A
<b>Weight</b>	0.25kg (0.55lb)	0.35kg (0.77lb)	0.35kg (0.77lb)	1kg (2.2lb)	1kg (2.2lb)
<b>Power Consumption</b>	Max 4W	Max 4W	Max 4W	Max 6.5W	Max 6.5W
<b>Dimensions (L × W × H)</b>	161.1×62.4×62.7 mm (6.3"×2.5"×2.5")	Φ109×81mm (Ø4.3"×3.2")	Φ118×96mm (Φ 4.6"×3.8")	253.4×86×71.7mm (9.98"×3.4"×2.8")	253.4×86×71.7mm(9.98"×3.4"×2.8")

## Easy Basic

Model	IPC3234LR3-VSP-D	IPC3234LR3-VSPZ28-D	IPC2125LR3-PF40(60)M-D	IPC325LR3-VSPF28(40)-D
<b>Appearance</b>				
<b>Axis</b>	3-Axis	3-Axis	3-Axis	2-Axis
<b>Low illumination characteristics</b>	Low-light	Low-light	Low-light	Low-light
<b>Adjustment angle</b>	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°~75°
<b>Sensor</b>	1/3"/4MP/CMOS	1/3"/4MP/CMOS	1/2.7"/5MP/CMOS	1/2.7"/5MP/CMOS
<b>Wide Dynamic Range</b>	Digital WDR	Digital WDR	Digital WDR	Digital WDR
<b>Zoom</b>	Manual	Motorized	Fixed	Fixed
<b>Lens</b>	Focus: 2.8-12mm Iris: F1.6 Angle of view (H): 106.9 - 28.4	Focus: 2.8-12mm Iris: F1.6 Angle of view (H): 106.9-28.4	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°
<b>Iris</b>	Fixed	Fixed	Fixed	Fixed
<b>Min. illumination</b>	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
<b>IR</b>	Up to 30m (98ft)	Up to 30m (98ft)	Up to 30m (98ft)	Up to 30m (98ft)
<b>Video Compression</b>	Ultra265, H.265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG
<b>Frame Rate</b>	2592x1520 20 fps 2048x1520 20 fps 1920x1080 20 fps	2592x1520 20 fps 2048x1520 20 fps 1920x1080 20 fps	2592x1944 20fps 2592x1520 20fps 2048x1520 20fps 1920x1080 20fps	2592x1944 20fps 2592x1520 20fps 2048x1520 20fps 1920x1080 20fps
<b>9:16 Corridor Mode</b>	N/A	N/A	N/A	N/A
<b>Video Streaming</b>	Triple streams	Triple streams	Dual streams	Dual streams
<b>Privacy Mask</b>	√	√	√	√
<b>The number of OSD</b>	Up to 4 OSDs	Up to 4 OSDs	Up to 4 OSDs	Up to 4 OSDs
<b>Audio I/O</b>	N/A	N/A	N/A	N/A
<b>Alarm I/O</b>	N/A	N/A	N/A	N/A
<b>BNC</b>	N/A	N/A	N/A	N/A
<b>Edge Storage</b>	MicroSD, up to 256GB	MicroSD, up to 256GB	N/A	N/A
<b>Network Interface</b>	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet
<b>Reset Button</b>	√	√	√	N/A
<b>Power</b>	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)
<b>Working Environment</b>	-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)
<b>Ingress Protection</b>	IP67	IP67	IP67	IP67
<b>Vandal Resistant</b>	IK10	IK10	N/A	IK10
<b>Weight</b>	0.92kg (2.0lb)	0.92kg (2.0lb)	0.37kg (0.81lb)	0.35kg (0.77lb)
<b>Power Consumption</b>	Max 6.0W	Max 6.3W	Max 4W	Max 4W
<b>Dimensions (L × W × H)</b>	Φ 148x111.3mm (Φ 5.8"×4.4")	Φ 148x111.3mm (Φ 5.8"×4.4")	167.3x62.9x62.7mm (6.6"×2.5"×2.5")	Φ 109x81mm (Φ 4.3"×3.2")




## Easy Basic

Model	IPC3615LR3-PF28(40)-D	IPC2325LBR3-SP-D	IPC2325LBR3-SPZ28-D	IPC3235LR3-VSP-D
<b>Appearance</b>				
<b>Axis</b>	3-Axis	3-Axis	3-Axis	3-Axis
<b>Low illumination characteristics</b>	Low-light	Low-light	Low-light	low-light
<b>Adjustment angle</b>	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°~80° Rotate: 0°~360°
<b>Sensor</b>	1/2.7"/5MP/CMOS	1/2.7"/5MP/CMOS	1/2.7"/5MP/CMOS	1/2.7"/5MP/CMOS
<b>Wide Dynamic Range</b>	Digital WDR	Digital WDR	Digital WDR	Digital WDR
<b>Zoom</b>	Fixed	Manual	Motorized	manual
<b>Lens</b>	Focus: 2.8mm, 4.0mm Iris: F2.0 Angle of view (H):105.3°/79.7°	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: 2.8-12mm Iris: F1.6 Angle of view (H):25.4°~105.3°
<b>Iris</b>	Fixed	Fixed	Fixed	Fixed
<b>Min. illumination</b>	Color: 0.01Lux (F2.0, 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: 0.005Lux (F1.6, AGC ON) 0Lux with IR
<b>IR</b>	Up to 30m (98ft)	Up to 30m (98ft)	Up to 30m (98ft)	Up to 30m (98ft)
<b>Video Compression</b>	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra 265, H.265, H.264, MJPEG
<b>Frame Rate</b>	2592x1944 20fps 2592x1520 20fps 2048x1520 20fps 1920x1080 20fps	2592x1944 20fps 2592x1520 20fps 2048x1520 20fps 1920x1080 20fps	2592x1944 20fps 2592x1520 20fps 2048x1520 20fps 1920x1080 20fps	2592x1944 20fps 2592x1520 20fps 2048x1520 20fps 1920x1080 20fps
<b>9:16 Corridor Mode</b>	N/A	N/A	N/A	N/A
<b>Video Streaming</b>	Dual streams	Dual streams	Dual streams	Dual streams
<b>Privacy Mask</b>	√	√	√	√
<b>The number of OSD</b>	Up to 4 OSDs	Up to 4 OSDs	Up to 4 OSDs	Up to 4 OSDs
<b>Audio I/O</b>	N/A	N/A	N/A	N/A
<b>Alarm I/O</b>	N/A	N/A	N/A	N/A
<b>BNC</b>	N/A	N/A	N/A	N/A
<b>Edge Storage</b>	N/A	MicroSD, up to 256GB	MicroSD, up to 256GB	MicroSD, up to 256GB
<b>Network Interface</b>	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet
<b>Reset Button</b>	N/A	N/A	N/A	√
<b>Power</b>	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)
<b>Working Environment</b>	-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)
<b>Ingress Protection</b>	IP67	IP67	IP67	IP67
<b>Vandal Resistant</b>	N/A	N/A	N/A	IK10
<b>Weight</b>	0.35kg (0.77lb)	1kg (2.2lb)	1kg (2.2lb)	0.92kg (2.0lb)
<b>Power Consumption</b>	Max 4W	Max 7.0W	Max 7.0W	Max 8.7W
<b>Dimensions (L × W × H)</b>	Φ 118x96 mm (Φ 4.6"×3.8")	253.4x86x71.7mm(9.98"×3.4"×2.8")	253.4x86x71.7mm(9.98"×3.4"×2.8")	Φ 148 x 111.3 mm (Ø5.8" x 4.4")

## Easy Basic

Model	IPC3235LR3-VSPZ28-D	IPC2128LR3-DPF28(40)M-F	IPC328LR3-DVSPF28(40)-F	IPC3618LR3-DPF28(40)-F
<b>Appearance</b>				
<b>Axis</b>	3-Axis	3-Axis	3-Axis	3-Axis
<b>Low illumination characteristics</b>	low-light	Low-light	Low-light	Low-light
<b>Adjustment angle</b>	Pan: 0°~360° Tilt: 0°~80° 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°~80° Rotate: 0°~360°
<b>Sensor</b>	1/2.7"/5MP/CMOS	1/3"/8MP/CMOS	1/3"/8MP/CMOS	1/3"/8MP/CMOS
<b>Wide Dynamic Range</b>	Digital WDR	120dB True WDR	120dB True WDR	120dB True WDR
<b>Zoom</b>	motorized	Fixed	Fixed	Fixed
<b>Lens</b>	Focus: 2.8-12mm Iris: F1.6 Angle of view (H):25.4°~105.3°	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°	Focus: 2.8mm,4.0mm Iris: F2.0 Angle of view (H):112.7°/86.5°
<b>Iris</b>	Fixed	Fixed	Fixed	Fixed
<b>Min. illumination</b>	Color: 0.005Lux (F1.6, AGC ON) 0Lux with IR	Color: 0.05Lux (F2.0, AGC ON) 0Lux with IR	Color: 0.05Lux (F2.0, AGC ON) 0Lux with IR	Color: 0.05Lux (F2.0, AGC ON) 0Lux with IR
<b>IR</b>	Up to 30m (98ft)	Up to 30m (98ft)	Up to 30m (98ft)	Up to 30m (98ft)
<b>Video Compression</b>	Ultra 265,H.265, H.264,MJPEG	Ultra 265,H.265, H.264,MJPEG	Ultra 265,H.265, H.264,MJPEG	Ultra 265,H.265, H.264,MJPEG
<b>Frame Rate</b>	2592x1944 20fps 2592x1520 20fps 2048x1520 20fps 1920x1080 20fps	3840x2160 20fps 2592x1944 30fps 2944x1656 30fps 2560x1440 30fps 1920x1080 30fps	3840x2160 20fps 2592x1944 30fps 2944x1656 30fps 2560x1440 30fps 1920x1080 30fps	3840x2160 20fps 2592x1944 30fps 2944x1656 30fps 2560x1440 30fps 1920x1080 30fps
<b>9:16 Corridor Mode</b>	N/A	N/A	N/A	N/A
<b>Video Streaming</b>	Dual streams	Triple streams	Triple streams	Triple streams
<b>Privacy Mask</b>	√	√	√	√
<b>The number of OSD</b>	Up to 4 OSDs	Up to 4 OSDs	Up to 4 OSDs	Up to 4 OSDs
<b>Audio I/O</b>	N/A	N/A	N/A	N/A
<b>Alarm I/O</b>	N/A	N/A	N/A	N/A
<b>BNC</b>	N/A	N/A	N/A	N/A
<b>Edge Storage</b>	MicroSD, up to 256GB	N/A	N/A	N/A
<b>Network Interface</b>	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet
<b>Reset Button</b>	√	√	N/A	N/A
<b>Power</b>	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)
<b>Working Environment</b>	-40°C ~ 60°C (-40°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-35°C ~ +60°C (-31°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)
<b>Ingress Protection</b>	IP67	IP67	IP67	IP67
<b>Vandal Resistant</b>	IK10	N/A	IK10	N/A
<b>Weight</b>	0.92kg (2.0lb)	0.45kg (0.99lb)	0.45kg (0.99lb)	0.33kg (0.73lb)
<b>Power Consumption</b>	Max 8.7W	Max 5.5W	Max 5.5W	Max 5W
<b>Dimensions (L × W × H)</b>	Φ 148 x 111.3 mm (Ø5.8" x 4.4")	167.3x62.9x62.7 mm(6.6"x2.5"x2.5")	Φ 108.7 x 81.1mm (Ø4.3" x 3.2")	Φ 118x96mm (Φ 4.6"x3.8")

## EASY EasyStar

Model	IPC2122LR5-UPF28(40)M-F	IPC322LR3-UVSPF28(40)-F	IPC3612LR3-UPF28(40)-F	IPC2124LR5-DUPF28(40)M-F
<b>Appearance</b>				
<b>Axis</b>	3-Axis	2-Axis	3-Axis	3-Axis
<b>Low illumination characteristics</b>	Easystar	Easystar	Easystar	Easystar
<b>Adjustment angle</b>	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°~90° Rotate: 0°~360°
<b>Sensor</b>	1/2.7"/2MP/CMOS	1/2.7"/2MP/CMOS	1/2.7"/2MP/CMOS	1/3"/2MP/CMOS
<b>Wide Dynamic Range</b>	Digital WDR	Digital WDR	Digital WDR	120dB True WDR
<b>Zoom</b>	Fixed	Fixed	Fixed	Fixed
<b>Lens</b>	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°	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): 105.3°/79.7°
<b>Iris</b>	Fixed	Fixed	Fixed	Fixed
<b>Min. illumination</b>	Color: 0.002Lux (F1.6, AGC ON) 0Lux with IR	Color: 0.002Lux (F1.6, AGC ON) 0Lux with IR	Color: 0.002Lux (F1.6, AGC ON) 0Lux with IR	Color: 0.002Lux (F1.6, AGC ON) 0Lux with IR
<b>IR</b>	Up to 50m (164ft)	Up to 30m (98ft)	Up to 30m (98ft)	Up to 50m (164ft)
<b>Video Compression</b>	Ultra265, H.265,H.264	Ultra265, H.265,H.264	Ultra265, H.265,H.264	Ultra265,H.265, H.264, MJPEG
<b>Frame Rate</b>	1920x1080 30fps	1920x1080 30fps	1920x1080 30fps	2592x1520 25fps
<b>9:16 Corridor Mode</b>	N/A	N/A	N/A	N/A
<b>Video Streaming</b>	dual streams	dual streams	dual streams	Dual Streams
<b>Privacy Mask</b>	√	√	√	√
<b>The number of OSD</b>	Up to 4 OSDs	Up to 4 OSDs	Up to 4 OSDs	Up to 4 OSDs
<b>Audio I/O</b>	N/A	N/A	N/A	N/A
<b>Alarm I/O</b>	N/A	N/A	N/A	N/A
<b>BNC</b>	N/A	N/A	N/A	N/A
<b>Edge Storage</b>	N/A	N/A	N/A	N/A
<b>Network Interface</b>	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet
<b>Reset Button</b>	N/A	N/A	N/A	N/A
<b>Power</b>	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)
<b>Working Environment</b>	-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)
<b>Ingress Protection</b>	IP67	IP67	IP67	IP67
<b>Vandal Resistant</b>	N/A	IK10	N/A	N/A
<b>Weight</b>	0.5kg (1.1lb)	0.37kg (0.81lb)	0.3kg (0.44lb)	0.5kg (1.1lb)
<b>Power Consumption</b>	Max 6W	Max 4.5W	Max 4.5W	Max 6W
<b>Dimensions (L × W × H)</b>	191.3x72.6x70.9mm (7.5"x2.9"x2.8")	Φ 109 x 81mm (Ø4.3" x 3.2")	Φ 118 x 96mm (Φ 4.6" x 3.8")	191.3x72.6x70.9mm (7.5"x2.9"x2.8")

# PRIME

## Network Camera

It is unbelievable that you can always find ideal products in UNV Prime series which has more advanced functions to implement excellent performance. There are 4 sub-series in it and each of it is especially designed for specific market. Prime-III are professional cameras for color imaging in ultra-low light conditions that powered by LightHunter, Uniview's brand-new imaging technology. Various mainstream resolutions such as 2/4/5/8MP are available that can show different levels of image quality. Prime-I series has more enhanced hardware such as WDR, audio, alarm, SD card compared to Easy series. Products from Prime family are commonly used in commercial building, park, and small project application to effectively guarantee security.



### IPC2322EBR5-HDUPZ

- Backside illumination technology sensor, F1.2 big iris
- Minimum 0.0005 Lux illumination, produce clear image at low light situation
- 120dB true WDR
- Audio 1/1/, Alarm 1/1
- Support up to 128GB Micro SD card storage

### LightHunter

The LightHunter Technology is an innovative technology that delivers vivid color, appropriate brightness, and extremely clear images in ultra-low light condition. It significantly improves the image brightness with F1.2 Large Iris design & BSI sensor. With the specially designed large size sensors, the IP cameras have higher photosensitivity, and feature high SNR. Besides, UNV's unique patented technology U-ISP features the new generation of noise reduction algorithm helps to produce no smearing image at Low-Blur mode. It effectively reduces blurring during objects' moving, which ensures that the image is restored to the true scene. Combining hardware and software advantages, LightHunter Technology guarantees the image full of color under ultra-low light condition.

### 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).

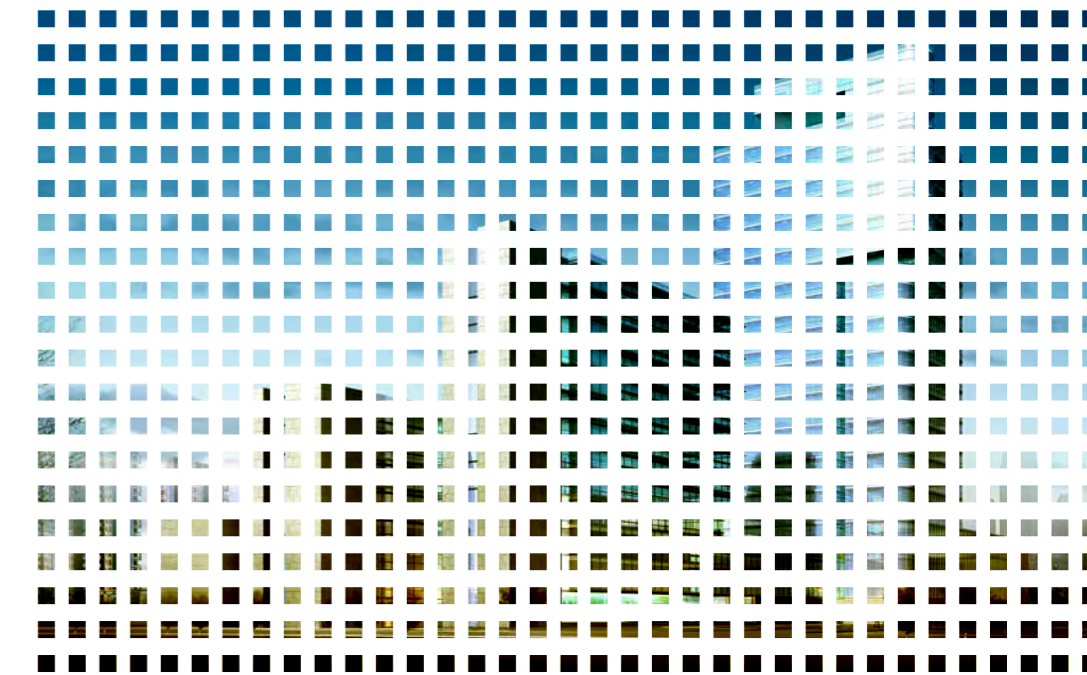
### More Reliable More Efficient

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.



### IPC354SR3-ADNPF28-F

- 4MP@30fps (2688\*1520)
- Ultra 265, up to 95% bandwidth reduction
- Smart IR and anti-reflection glass design, up to 30m IR distance
- 120dB true WDR
- Audio 1/1/, Alarm 1/1
- Cable-free design
- Support up to 128GB Micro SD card storage
- Support PoE, ±25% wide voltage tolerance





## Prime I

Model	IPC2124SR3-ADPF28(40)M-F	IPC324SR3-DVPF28(40)-F	IPC3614SR3-ADPF28(40)-F	IPC354SR3-ADNPF28-F	IPC2324SBR5-DPZ-F
<b>Appearance</b>					
<b>Axis</b>	3-Axis	3-Axis	3-Axis	3-Axis	3-Axis
<b>Low illumination characteristics</b>	Low-light	Low-light	Low-light	Low-light	Low-light
<b>Adjustment angle</b>	Pan: 0°~360° Tilt: 0°~90° Rotate: 0°~360°	Pan: 3°~360° Tilt: 0°~68° Rotate: 3°~360°	Pan: 0°~360° Tilt: 0°~80° Rotate: 0°~360°	Pan: 0°~360° Tilt: 0°~68° Rotate: 3°~360°	Pan: 0°~360° Tilt: 0°~90° Rotate: 0°~360°
<b>Sensor</b>	1/3"/4MP/CMOS	1/3"/4MP/CMOS	1/3"/4MP/CMOS	1/3"/4MP/CMOS	1/3"/4MP/CMOS
<b>Wide Dynamic Range</b>	120dB True WDR	120dB True WDR	120dB True WDR	120dB True WDR	120dB True WDR
<b>Zoom</b>	Fixed	Fixed	Fixed	Fixed	Motorized
<b>Lens</b>	Focus: 2.8mm, 4mm Iris: F2.0 Angle of view (H): 107.8°/82.0°	Focus: 2.8mm, 4mm Iris: F2.0 Angle of view (H): 107.8°/82.0°	Focus: 2.8mm, 4mm Iris: F2.0 Angle of view (H): 107.8°/82.0°	Focus: 2.8mm Iris: F2.0 Angle of view (H): 105.3°	Focus: 2.8~12mm Iris: F1.6 Angle of view (H): 98.26°~31.35°
<b>Iris</b>	Fixed	Fixed	Fixed	Fixed	Fixed
<b>Min. illumination</b>	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	Color: 0.01Lux (F2.0, AGC ON) 0Lux with IR	Color: 0.003Lux (F1.6, AGC ON) 0Lux with IR
<b>IR</b>	Up to 30m (98ft)	Up to 30m (98ft)	Up to 30m (98ft)	Up to 30m (98ft)	Up to 50m (164ft)
<b>Video Compression</b>	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG
<b>Frame Rate</b>	2688*1520 30fps 2560*1440 30fps 2304*1296 30fps 1920*1080 30fps	2688*1520 30fps 2560*1440 30fps 2304*1296 30fps 1920*1080 30fps	2688*1520 30fps 2560*1440 30fps 2304*1296 30fps 1920*1080 30fps	2688 × 1520 30fps 2560 × 1440 30fps 2304 × 1296 30fps 1920 × 1080 30fps	2688*1520 30fps 2560*1440 30fps 2304*1296 30fps 1920*1080 30fps
<b>9:16 Corridor Mode</b>	N/A	N/A	N/A	N/A	N/A
<b>Video Streaming</b>	Triple streams	Triple streams	Triple streams	Triple streams	Triple streams
<b>Privacy Mask</b>	√	√	√	√	√
<b>The number of OSD</b>	Up to 4 OSDs	Up to 4 OSDs	Up to 4 OSDs	Up to 4 OSDs	Up to 4 OSDs
<b>Audio I/O</b>	Built-in Mic	1 / 1	Built-in Mic	1 / 1	1 / 1
<b>Alarm I/O</b>	N/A	1 / 1	N/A	1 / 1	1 / 1
<b>BNC</b>	N/A	N/A	N/A	N/A	N/A
<b>Edge Storage</b>	MicroSD, up to 256GB	MicoSD, up to 256G	N/A	MicoSD, up to 256G	MicroSD, up to 256GB
<b>Network Interface</b>	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
<b>Reset Button</b>	N/A	N/A	N/A	√	N/A
<b>Power</b>	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)
<b>Working Environment</b>	-30°C ~ 60°C (-22°F ~ 140°F)	-35°C ~ 60°C (-31°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-35°C ~ 60°C (-31°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)
<b>Ingress Protection</b>	IP67	IP67	IP67	N/A	IP67
<b>Vandal Resistant</b>	N/A	IK10	N/A	N/A	N/A
<b>Weight</b>	0.45kg (0.99lb)	0.45kg (0.99lb)	0.33kg (0.73lb)	0.22kg (0.49lb)	1kg (2.2lb)
<b>Power Consumption</b>	Max 6.4W	Max 5.5W	Max 5.5W	Max 5.5W	Max 9.5W
<b>Dimensions(L × W × H)</b>	165×63.1×62.5mm (6.5" × 2.5" × 2.5")	Φ 108.7 × 81.1mm (Ø4.3" × 3.2")	Φ 118×96mm (Φ 4.6"×3.8")	Φ 108.5 × 61.6mm (Ø4.28" × 2.43")	240.3 × 86.4 × 75.6mm (9.5" × 3.4" × 3.0")

## Prime I

Model	IPC3534SR3-DVPZ-F	IPC3534SR3-DVNPZ-F	IPC3634SR3-ADPZ-F	IPC2125SR5-ADPF28(40)M-F	IPC325SR3-DVPF28(40)-F
<b>Appearance</b>					
<b>Axis</b>	3-Axis	3-Axis	3-Axis	3-Axis	3-Axis
<b>Low illumination characteristics</b>	Low-light	Low-light	Low-light	Low-light	Low-light
<b>Adjustment angle</b>	Pan: 0°~360° Tilt: 0°~70° Rotate: 0°~360°	Pan: 0°~360° Tilt: 0°~70° Rotate: 0°~360°	Pan: 0°~360° Tilt: 0°~70° Rotate: 0°~360°	Pan: 0°~360° Tilt: 0°~90° Rotate: 0°~360°	Pan: 3°~360° Tilt: 0°~68° Rotate: 3°~360°
<b>Sensor</b>	1/3"/4MP/CMOS	1/3"/4MP/CMOS	1/3"/4MP/CMOS	1/2.7"/5MP/CMOS	1/2.7"/5MP/CMOS
<b>Wide Dynamic Range</b>	120dB True WDR	120dB True WDR	120dB True WDR	120dB True WDR	120dB True WDR
<b>Zoom</b>	Motorized	Motorized	Motorized	Fixed	Fixed
<b>Lens</b>	Focus: 2.8~12mm Iris: F1.6 Angle of view (H): 98.26°~31.35°	Focus: 2.8~12mm Iris: F1.6 Angle of view (H): 98.26°~31.35°	Focus: 2.8~12mm Iris: F1.6 Angle of view (H): 98.26°~31.35°	Focus: 2.8mm, 4mm Iris: F2.0 Angle of view (H): 105.6°/80.0°	Focus: 2.8mm, 4mm Iris: F2.0 Angle of view (H): 105.6°/80.0°
<b>Iris</b>	Fixed	Fixed	Fixed	Fixed	Fixed
<b>Min. illumination</b>	Color: 0.003Lux (F1.6, AGC ON) 0Lux with IR	Color: 0.003Lux (F1.6, AGC ON) 0Lux with IR	Color: 0.003Lux (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
<b>IR</b>	Up to 30m (98ft)	Up to 30m (98ft)	Up to 30m (98ft)	Up to 30m (98ft)	Up to 30m (98ft)
<b>Video Compression</b>	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra 265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG
<b>Frame Rate</b>	2688*1520 30fps 2560*1440 30fps 2304*1296 30fps 1920*1080 30fps	2688*1520 30fps 2560*1440 30fps 2304*1296 30fps 1920*1080 30fps	2688*1520 30fps 2560*1440 30fps 2304*1296 30fps 1920*1080 30fps	2592*1944 20fps 2560*1440 30fps 2304*1296 30fps 1920*1080 30fps	2592*1944 20fps 2560*1440 30fps 2304*1296 30fps 1920*1080 30fps
<b>9:16 Corridor Mode</b>	N/A	N/A	N/A	N/A	N/A
<b>Video Streaming</b>	Triple streams	Triple streams	Triple streams	Triple streams	Triple streams
<b>Privacy Mask</b>	√	√	√	√	√
<b>The number of OSD</b>	Up to 4 OSDs	Up to 4 OSDs	Up to 4 OSDs	Up to 4 OSDs	Up to 4 OSDs
<b>Audio I/O</b>	1 / 1	1 / 1	Built-in Mic	Built-in Mic	1 / 1
<b>Alarm I/O</b>	1 / 1	1 / 1	N/A	N/A	1 / 1
<b>BNC</b>	N/A	N/A	N/A	N/A	N/A
<b>Edge Storage</b>	MicroSD, up to 256GB	MicroSD, up to 256GB	MicroSD, up to 256GB	MicroSD, up to 256GB	MicoSD, up to 256G
<b>Network Interface</b>	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
<b>Reset Button</b>	√	√	√	N/A	N/A
<b>Power</b>	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)
<b>Working Environment</b>	-35°C ~ 60°C (-31°F ~ 140°F)	-35°C ~ 60°C (-31°F ~ 140°F)	-40°C ~ 60°C (-40°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-35°C ~ 60°C (-31°F ~ 140°F)
<b>Ingress Protection</b>	IP67	IP66	IP67	IP67	IP67
<b>Vandal Resistant</b>	IK10	IK10	N/A	N/A	IK10
<b>Weight</b>	0.57kg (1.26lb)	0.57kg (1.26lb)	0.67kg (1.48lb)	0.45kg (0.99lb)	0.45kg (0.99lb)
<b>Power Consumption</b>	Max 8.7W	Max 8.7W	Max 8.16W	Max 6.4W	Max 5.5W
<b>Dimensions(L × W × H)</b>	Φ 182.2mm×99.9mm (Ø7.2" × 3.93")	Φ 182.2mm×99.9mm (Ø7.2" × 3.93")	Φ 129 × 110mm (Ø5.1" × 4.3")	165×63.1×62.5mm (6.5" × 2.5" × 2.5")	Φ 108.7 × 81.1mm (Ø4.3" × 3.2")

## Prime I

Model	IPC3615SR3-ADPF28(40)-F	IPC2325SR5-DPZ-F	IPC3535SR3-DVPZ-F	IPC3635SR3-ADPZ-F
<b>Appearance</b>				
<b>Axis</b>	3-Axis	3-Axis	3-Axis	3-Axis
<b>Low illumination characteristics</b>	Low-light	Low-light	Low-light	Low-light
<b>Adjustment angle</b>	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°
<b>Sensor</b>	1/2.7"/5MP/CMOS	1/2.7"/5MP/CMOS	1/2.7"/5MP/CMOS	1/2.7"/5MP/CMOS
<b>Wide Dynamic Range</b>	120dB True WDR	120dB True WDR	120dB True WDR	120dB True WDR
<b>Zoom</b>	Fixed	Motorized	Motorized	Motorized
<b>Lens</b>	Focus: 2.8mm, 4mm Iris: F2.0 Angle of view (H): 105.6°/80.0°	Focus: 2.8-12mm Iris: F1.6 Angle of view(H): 96.23°~ 31.69°	Focus: 2.8-12mm Iris: F1.6 Angle of view(H): 96.23°~ 31.69°	Focus: 2.8-12mm Iris: F1.6 Angle of view(H): 96.23°~ 31.69°
<b>Iris</b>	Fixed	Fixed	Fixed	Fixed
<b>Min. illumination</b>	Color: 0.01Lux (F2.0, AGC ON) 0Lux with IR	Color: 0.003Lux (F1.6, AGC ON) 0Lux with IR	Color: 0.003Lux (F1.6, AGC ON) 0Lux with IR	Color: 0.003Lux (F1.6, AGC ON) 0Lux with IR
<b>IR</b>	Up to 30m (98ft)	Up to 30m (98ft)	Up to 30m (98ft)	Up to 50m (164ft)
<b>Video Compression</b>	Ultra265, H.264, MJPEG	Ultra 265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG
<b>Frame Rate</b>	2592*1944 20fps 2560*1440 30fps 2304*1296 30fps 1920*1080 30fps	2592*1944 20fps 2560*1440 30fps 2304*1296 30fps 1920*1080 30fps	2592*1944 20fps 2560*1440 30fps 2304*1296 30fps 1920*1080 30fps	2592*1944 20fps 2560*1440 30fps 2304*1296 30fps 1920*1080 30fps
<b>9:16 Corridor Mode</b>	√	√	√	√
<b>Video Streaming</b>	Triple streams	Triple streams	Triple streams	Triple streams
<b>Privacy Mask</b>	√	√	√	√
<b>The number of OSD</b>	Up to 4 OSDs	Up to 4 OSDs	Up to 4 OSDs	Up to 4 OSDs
<b>Audio I/O</b>	Built-in Mic	Built-in Mic	1 / 1	1 / 1
<b>Alarm I/O</b>	N/A	N/A	1 / 1	1 / 1
<b>BNC</b>	N/A	N/A	N/A	N/A
<b>Edge Storage</b>	N/A	MicroSD, up to 256GB	MicroSD, up to 256GB	MicroSD, up to 256GB
<b>Network Interface</b>	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet
<b>Reset Button</b>	N/A	√	√	N/A
<b>Power</b>	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)
<b>Working Environment</b>	-30°C ~ 60°C (-22°F ~ 140°F)	-40°C ~ 60°C (-40°F ~ 140°F)	-35°C ~ 60°C (-31°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)
<b>Ingress Protection</b>	IP67	IP67	IP67	IP67
<b>Vandal Resistant</b>	N/A	N/A	IK10	N/A
<b>Weight</b>	0.33kg (0.73lb)	0.67kg (1.48lb)	0.57kg (1.26lb)	1kg (2.2lb)
<b>Power Consumption</b>	Max 5.5W	Max 8.16W	Max 8.7W	Max 9.5W
<b>Dimensions(L × W × H)</b>	Φ 118x96mm (Φ 4.6"x3.8")	Φ 129 x 110mm (Ø5.1" x 4.3")	Φ 182.2mmx99.9mm (Ø7.2" x 3.93")	240.3 × 86.4 × 75.6mm (9.5" × 3.4" × 3.0")

## Prime II

Model	IPC2122SR3-PF40(60)-C	IPC2122SR3-APF40(60)-C	IPC322SR3-DVPF28(40)-C	IPC3612ER3-PF28(40)-C	IPC3612ER3-PF28(40)M-C
<b>Appearance</b>					
<b>Axis</b>	3-Axis	3-Axis	3-Axis	3-Axis	3-Axis
<b>Low illumination characteristics</b>	Low-light	Low-light	Low-light	Low-light	Low-light
<b>Adjustment angle</b>	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°	Pan: 0°~360° Tilt: 0°~90° Rotate: 0°~360°
<b>Sensor</b>	1/2.7"/2MP/CMOS	1/2.7"/2MP/CMOS	1/2.8"/2MP/CMOS	1/2.7"/2MP/CMOS	1/2.7"/2MP/CMOS
<b>Wide Dynamic Range</b>	Digital WDR	Digital WDR	120dB True WDR	Digital WDR	Digital WDR
<b>Zoom</b>	Fixed	Fixed	Fixed	Fixed	Fixed
<b>Lens</b>	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: 2.8mm, 4.0mm Iris: F2.0 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°
<b>Iris</b>	Fixed	Fixed	Fixed	Fixed	Fixed
<b>Min. illumination</b>	Color: 0.005Lux (F1.6, AGC ON) 0Lux with IR	Color: 0.005Lux (F1.6, AGC ON) 0Lux with IR	Color: 0.003Lux (F2.0 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
<b>IR</b>	Up to 30m (98ft)	Up to 30m (98ft)	Up to 30m (98ft)	Up to 30m (98ft)	Up to 30m (98ft)
<b>Video Compression</b>	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG
<b>Frame Rate</b>	1920x1080 30fps	1920x1080 30fps	1920x1080 30fps	1920x1080 30fps	1920x1080 30fps
<b>9:16 Corridor Mode</b>	√	√	√	√	√
<b>Video Streaming</b>	Triple Streams	Triple streams	Triple streams	Triple Streams	Triple Streams
<b>Privacy Mask</b>	√	√	√	√	√
<b>The number of OSD</b>	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs
<b>Audio I/O</b>	N/A	Built-in Mic	2 / 1 (Stereo)	N/A	N/A
<b>Alarm I/O</b>	N/A	1 / 1	1 / 1	N/A	N/A
<b>BNC</b>	N/A	N/A	N/A	N/A	N/A
<b>Edge Storage</b>	N/A	N/A	MicroSD, up to 256G	N/A	N/A
<b>Network Interface</b>	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
<b>Reset Button</b>	√	√	N/A	N/A	N/A
<b>Power</b>	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)
<b>Working Environment</b>	-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)
<b>Ingress Protection</b>	IP67	IP67	IP67	IP67	IP67
<b>Vandal Resistant</b>	N/A	N/A	IK10	N/A	N/A
<b>Weight</b>	0.45kg (0.99lb)	0.45kg (0.99lb)	0.45kg (0.99lb)	0.33 kg (0.73lb)	0.45kg (0.99lb)
<b>Power Consumption</b>	Max 6W	Max 6W	Max 4W	Max 4.5W	Max 4.5W
<b>Dimensions(L × W × H)</b>	157.3×62.4×63mm (6.2"×2.5"×2.5")	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")	Φ 126×94mm (Φ 5.0"×3.7")

## Prime II

Model	IPC312SR-VPF28(40)-C	IPC2322EBR5-P-C	IPC2322EBR5-DPZ28-C	IPC2322ER-VS-C	IPC2322ER-DV-C
<b>Appearance</b>					
<b>Axis</b>	3-Axis	3-Axis	3-Axis	3-Axis	3-Axis
<b>Low illumination characteristics</b>	Low-light	Low-light	Low-light	Low-light	Low-light
<b>Adjustment angle</b>	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°~80° Rotate: 0°~360°	Pan: 0°~360° Tilt: 0°~90° Rotate: 0°~360°
<b>Sensor</b>	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
<b>Wide Dynamic Range</b>	Digital WDR	120dB True WDR	120dB True WDR	120dB True WDR	120dB True WDR
<b>Zoom</b>	Fixed	Manual	Motorized	Manual	Manual
<b>Lens</b>	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: 2.8~12mm Iris: F1.6 Angle of view (H): 94.0°~28°	Focus: 2.8~12mm Iris: F1.6 Angle of view (H): 94.0°~28°
<b>Iris</b>	Fixed	Fixed	Fixed	Fixed	Fixed
<b>Min. illumination</b>	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: 0.001Lux (F1.6, AGC ON) 0Lux with IR	Color: 0.001Lux (F1.6, AGC ON) 0Lux with IR
<b>IR</b>	Up to 15m (49ft)	Up to 50m (164ft)	Up to 50m (164ft)	Up to 30m (98ft)	Up to 30m (98ft)
<b>Video Compression</b>	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG
<b>Frame Rate</b>	1920×1080 30fps	1920×1080 30fps	1920×1080 30fps	1920×1080 30fps	1920×1080 30fps
<b>9:16 Corridor Mode</b>	√	√	√	√	√
<b>Video Streaming</b>	Triple streams	Triple streams	Triple Streams	Triple streams	Triple streams
<b>Privacy Mask</b>	√	√	√	√	√
<b>The number of OSD</b>	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs
<b>Audio I/O</b>	1 / 1 and Built-in Mic	1 / 1	1 / 1	N/A	1 / 1
<b>Alarm I/O</b>	N/A	1 / 1	1 / 1	N/A	1 / 1
<b>BNC</b>	N/A	N/A	N/A	1	1
<b>Edge Storage</b>	MicroSD, up to 256GB	MicroSD, up to 256GB	MicroSD, up to 256GB	MicroSD, up to 256GB	MicroSD, up to 256GB
<b>Network Interface</b>	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
<b>Reset Button</b>	N/A	N/A	N/A	√	√
<b>Power</b>	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)
<b>Working Environment</b>	-35°C ~ 60°C (-31°F ~ 140°F)	-35°C ~ 60°C (-31°F ~ 140°F)	-35°C ~ 60°C (-31°F ~ 140°F)	-40°C ~ 60°C (-40°F ~ 140°F)	-40°C ~ 60°C (-40°F ~ 140°F)
<b>Ingress Protection</b>	IP67	IP67	IP67	IP67	IP67
<b>Vandal Resistant</b>	IK10	N/A	N/A	IK10	IK10
<b>Weight</b>	0.25kg (0.55lb)	1kg (2.2lb)	1kg (2.2lb)	0.92kg (2.0lb)	0.92kg (2.0lb)
<b>Power Consumption</b>	Max 4.5W	Max 9W	Max 9W	Max 7.2W	Max 7.2W
<b>Dimensions(L × W × H)</b>	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")	Φ 148×111.3mm (Φ 5.8"×4.4")	Φ 148×111.3mm (Φ 5.8"×4.4")

## Prime II

Model	IPC3232ER3-DVZ28-C	IPC3632ER3-DPZ28-C	IPC2124SR3-DPF36(60)	IPC2124SR3-APF40(60)	IPC2124ER3-DPF40(60)
<b>Appearance</b>					
<b>Axis</b>	3-Axis	3-Axis	3-Axis	3-Axis	3-Axis
<b>Low illumination characteristics</b>	Low-light	Low-light	Low-light	Low-light	Low-light
<b>Adjustment angle</b>	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°	Pan: 0°~360° Tilt: 0°~90° Rotate: 0°~360°
<b>Sensor</b>	1/2.8"/2MP/CMOS	1/2.8"/2MP/CMOS	1/3"/4MP/CMOS	1/3"/4MP/CMOS	1/3"/4MP/CMOS
<b>Wide Dynamic Range</b>	120dB True WDR	120dB True WDR	120dB True WDR	120dB True WDR	120dB True WDR
<b>Zoom</b>	Motorized	Motorized	Fixed	Fixed	Fixed
<b>Lens</b>	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: 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°
<b>Iris</b>	Fixed	Fixed	Fixed	Fixed	Fixed
<b>Min. illumination</b>	Color: 0.001Lux (F1.6, AGC ON) 0Lux with IR	Color: 0.001Lux (F1.6, 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
<b>IR</b>	Up to 30m (98ft)	Up to 30m (98ft)	Up to 30m (98ft)	Up to 30m (98ft)	Up to 30m (98ft)
<b>Video Compression</b>	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG
<b>Frame Rate</b>	1920×1080 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
<b>9:16 Corridor Mode</b>	√	√	√	√	√
<b>Video Streaming</b>	Triple streams	Triple streams	Triple streams	Triple streams	Triple streams
<b>Privacy Mask</b>	√	√	√	√	√
<b>The number of OSD</b>	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs
<b>Audio I/O</b>	1 / 1	Built-in Mic	N/A	Built-in Mic	N/A
<b>Alarm I/O</b>	1 / 1	N/A	N/A	1 / 1	N/A
<b>BNC</b>	1	N/A	N/A	N/A	N/A
<b>Edge Storage</b>	MicroSD, up to 256GB	MicroSD, up to 256GB	N/A	N/A	MicroSD, up to 256GB
<b>Network Interface</b>	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
<b>Reset Button</b>	√	√	√	√	√
<b>Power</b>	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)
<b>Working Environment</b>	-40°C ~ 60°C (-40°F ~ 140°F)	-40°C ~ 60°C (-40°F ~ 140°F)	-35°C ~ 60°C (-31°F ~ 140°F)	-35°C ~ 60°C (-31°F ~ 140°F)	-35°C ~ 60°C (-31°F ~ 140°F)
<b>Ingress Protection</b>	IP67	IP67	IP67	IP67	IP67
<b>Vandal Resistant</b>	IK10	N/A	N/A	N/A	N/A
<b>Weight</b>	0.92kg (2.0lb)	0.67kg (1.48lb)	0.45kg (0.99lb)	0.45kg (0.99lb)	0.45kg (0.99lb)
<b>Power Consumption</b>	Max 7.2W	Max 8.16W	Max 6W	Max 6W	Max 6.5W
<b>Dimensions(L × W × H)</b>	Φ 148×111.3mm (Φ 5.8"×4.4")	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")

**Prime II**

Model	IPC2224SR5-DPF40(60)-B	IPC324ER3-DVPF28(36)	IPC3614SR3-DPF28(36)	IPC3614SR3-DPF28(36)M	IPC314SR-DVPF28(36)
<b>Appearance</b>					
<b>Axis</b>	3-Axis	3-Axis	3-Axis	3-Axis	3-Axis
<b>Low illumination characteristics</b>	Low-light	Low-light	Low-light	Low-light	Low-light
<b>Adjustment angle</b>	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°	Pan: 0°~360° Tilt: 0°~90° Rotate: 0°~360°	Pan: 0°~360° Tilt: 0°~65° Rotate: 0°~360°
<b>Sensor</b>	1/3"/4MP/CMOS	1/3"/4MP/CMOS	1/3"/4MP/CMOS	1/3"/4MP/CMOS	1/3"/4MP/CMOS
<b>Wide Dynamic Range</b>	120dB True WDR	120dB True WDR	120dB True WDR	120dB True WDR	120dB True WDR
<b>Zoom</b>	Fixed	Fixed	Fixed	Fixed	Fixed
<b>Lens</b>	Focus: 4mm, 6mm Iris: F2.0 Angle of view(H): 78.9°/49.9°	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°
<b>Iris</b>	Fixed	Fixed	Fixed	Fixed	Fixed
<b>Min. illumination</b>	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: 0.03Lux (F2.0, AGC ON) 0Lux with IR
<b>IR</b>	Up to 50m (164ft)	Up to 30m (98ft)	Up to 30m (98ft)	Up to 30m (98ft)	Up to 15m (49ft)
<b>Video Compression</b>	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG
<b>Frame Rate</b>	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	2592 × 1520 20fps 2560 × 1440 25fps 2048 × 1520 30fps 1920 × 1080 30fps
<b>9:16 Corridor Mode</b>	√	√	√	√	√
<b>Video Streaming</b>	Triple Streams	Triple streams	Triple streams	Triple streams	Triple streams
<b>Privacy Mask</b>	√	√	√	√	√
<b>The number of OSD</b>	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs
<b>Audio I/O</b>	N/A	2 / 1 (Stereo)	N/A	N/A	1 / 1 and Built-in Mic
<b>Alarm I/O</b>	N/A	1 / 1	N/A	N/A	N/A
<b>BNC</b>	N/A	N/A	N/A	N/A	N/A
<b>Edge Storage</b>	MicroSD, up to 256GB	MicroSD, up to 256G	N/A	N/A	MicroSD, up to 256GB
<b>Network Interface</b>	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
<b>Reset Button</b>	N/A	N/A	N/A	N/A	N/A
<b>Power</b>	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)
<b>Working Environment</b>	-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)
<b>Ingress Protection</b>	IP67	IP67	IP67	IP67	IP66
<b>Vandal Resistant</b>	N/A	IK10	N/A	N/A	IK10
<b>Weight</b>	1kg (2.2lb)	0.45kg (0.99lb)	0.33kg (0.73lb)	0.45kg (0.99lb)	0.25kg (0.55lb)
<b>Power Consumption</b>	Max 9W	Max 5W	Max 5W	Max 5W	Max 4.5W
<b>Dimensions(L × W × H)</b>	253.4×86×71.7mm (9.98"×3.4"×2.8")	Φ 108.5×81mm (Ø4.28"×3.2")	Φ 126×94mm (Φ 5.0"×3.7")	Φ 126×94mm (Φ 5.0"×3.7")	Φ 110×61mm (Φ 4.3"×2.4")

**Prime II**

Model	IPC2324EBR-DP	IPC2324EBR-DPZ28	IPC3234SR-DV	IPC3234SR3-DVZ28	IPC3634ER3-DPZ28
<b>Appearance</b>					
<b>Axis</b>	3-Axis	3-Axis	3-Axis	3-Axis	3-Axis
<b>Low illumination characteristics</b>	Low-light	Low-light	Low-light	Low-light	Low-light
<b>Adjustment angle</b>	Pan: 0°~360° Tilt: 0°~90° Rotate: 0°~360°	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°
<b>Sensor</b>	1/3"/4MP/CMOS	1/3"/4MP/CMOS	1/3"/4MP/CMOS	1/3"/4MP/CMOS	1/3"/4MP/CMOS
<b>Wide Dynamic Range</b>	120dB True WDR	120dB True WDR	120dB True WDR	120dB True WDR	120dB True WDR
<b>Zoom</b>	Manual	Motorized	Manual	motorized	Motorized
<b>Lens</b>	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°	Focus: 2.8~12mm Iris: F1.4 Angle of view (H): 91.0°~27°	Focus: 2.8~12mm Iris: F1.4 Angle of view (H): 91.0°~27°	Focus: 2.8~12mm Iris: F1.4 Angle of View (H): 91.0°~27°
<b>Iris</b>	Fixed	Fixed	Fixed	Fixed	Fixed
<b>Min. illumination</b>	Color: 0.005Lux (F1.4, 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	Color: 0.005Lux (F1.4, AGC ON) 0Lux with IR	Color: 0.005Lux (F1.4, AGC ON) 0Lux with IR
<b>IR</b>	Up to 30m (98ft)	Up to 30m (98ft)	Up to 30m (98ft)	Up to 30m (98ft)	Up to 30m (98ft)
<b>Video Compression</b>	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG
<b>Frame Rate</b>	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	2592 × 1520 20fps 2560 × 1440 25fps 2048 × 1520 30fps 1920 × 1080 30fps
<b>9:16 Corridor Mode</b>	√	√	√	√	√
<b>Video Streaming</b>	Triple streams	Triple Streams	Triple streams	Triple streams	Triple streams
<b>Privacy Mask</b>	√	√	√	√	√
<b>The number of OSD</b>	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs
<b>Audio I/O</b>	1 / 1	1 / 1	1 / 1	1 / 1	Built-in Mic
<b>Alarm I/O</b>	1 / 1	1 / 1	1 / 1	1 / 1	N/A
<b>BNC</b>	1	N/A	1	1	N/A
<b>Edge Storage</b>	MicroSD, up to 256GB	MicroSD, up to 256GB	MicroSD, up to 256GB	MicroSD, up to 256GB	MicroSD, up to 256GB
<b>Network Interface</b>	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
<b>Reset Button</b>	N/A	N/A	√	√	√
<b>Power</b>	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)
<b>Working Environment</b>	-35°C ~ 60°C (-31°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)	-40°C ~ 60°C (-40°F ~ 140°F)
<b>Ingress Protection</b>	IP67	IP67	IP67	IP67	IP67
<b>Vandal Resistant</b>	N/A	N/A	IK10	IK10	N/A
<b>Weight</b>	1kg (2.2lb)	1kg (2.2lb)	0.92kg (2.0lb)	0.75kg (1.7lb)	0.82kg (1.8lb)
<b>Power Consumption</b>	Max 9W	Max 9W	Max 7.2W	Max 7.2W	Max 8.16W
<b>Dimensions(L × W × H)</b>	253.4×86×71.7mm (9.98"×3.4"×2.8")	253.4×86×71.7mm (9.98"×3.4"×2.8")	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")

## Prime II

Model	IPC2125SR3-ADUPF40(60)	IPC325ER3-DUVPF28(40)	IPC3615ER3-ADUPF28(40)M	IPC2325EBR5-DUPZ	IPC3235ER3-DUVZ
<b>Appearance</b>					
<b>Axis</b>	3-Axis	3-Axis	3-Axis	3-Axis	3-Axis
<b>Low illumination characteristics</b>	Lighthunter	Lighthunter	Lighthunter	Lighthunter	Lighthunter
<b>Adjustment angle</b>	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°	Pan: 0°~360° Tilt: 0°~90° Rotate: 0°~360°	Pan: 0°~360° Tilt: 0°~80° Rotate: 0°~360°
<b>Sensor</b>	1/2.7"/5MP/CMOS	1/2.7"/5MP/CMOS	1/2.7"/5MP/CMOS	1/2.7"/5MP/CMOS	1/2.7"/5MP/CMOS
<b>Wide Dynamic Range</b>	120dB True WDR	120dB True WDR	120dB True WDR	120dB True WDR	120dB True WDR
<b>Zoom</b>	Fixed	Fixed	Fixed	Motorized	Motorized
<b>Lens</b>	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: F1.6 Angle of view (H): 105.3°/79.7°	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°
<b>Iris</b>	Fixed	Fixed	Fixed	Fixed	Fixed
<b>Min. illumination</b>	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	Color: 0.002Lux (F1.2, AGC ON) 0Lux with IR on	Color: 0.002Lux (F1.2, AGC ON) 0Lux with IR
<b>IR</b>	Up to 30m (98ft)	Up to 30m (98ft)	Up to 30m (98ft)	Up to 50m (164ft)	Up to 30m (98ft)
<b>Video Compression</b>	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG
<b>Frame Rate</b>	2592x1944 20fps 2592x1944 25fps (WDR OFF) 2560x1440 30fps 2048x1536 30fps 1920x1080 30fps	2592x1944 20fps 2592x1944 25fps (WDR OFF) 2560x1440 30fps 2048x1536 30fps 1920x1080 30fps	2592x1944 20fps 2592x1944 25fps (WDR OFF) 2560x1440 30fps 2048x1536 30fps 1920x1080 30fps	2592x1944 20fps 2592x1944 25fps (WDR OFF) 2560x1440 30fps 2048x1536 30fps 1920x1080 30fps	2592x1944 20fps 2592x1944 25fps (WDR OFF) 2560x1440 30fps 2048x1536 30fps 1920x1080 30fps
<b>9:16 Corridor Mode</b>	√	√	√	√	√
<b>Video Streaming</b>	Triple streams	Triple streams	Triple streams	Triple Streams	Triple streams
<b>Privacy Mask</b>	√	√	√	√	√
<b>The number of OSD</b>	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs
<b>Audio I/O</b>	Built-in Mic	2 / 1 (Stereo)	Built-in Mic	1 / 1	1 / 1
<b>Alarm I/O</b>	N/A	1 / 1	N/A	1 / 1	1 / 1
<b>BNC</b>	N/A	N/A	N/A	N/A	1
<b>Edge Storage</b>	N/A	MicroSD, up to 256G	N/A	MicroSD, up to 256GB	MicroSD, up to 256GB
<b>Network Interface</b>	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
<b>Reset Button</b>	√	N/A	N/A	N/A	√
<b>Power</b>	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)
<b>Working Environment</b>	-35°C ~ 60°C (-31°F ~ 140°F)	-35°C ~ 60°C (-31°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-35°C ~ 60°C (-31°F ~ 140°F)	-40°C ~ 60°C (-40°F ~ 140°F)
<b>Ingress Protection</b>	IP67	IP67	IP67	IP67	IP67
<b>Vandal Resistant</b>	N/A	IK10	N/A	N/A	IK10
<b>Weight</b>	0.45kg (0.99lb)	0.45kg (0.99lb)	0.45kg (0.99lb)	1kg (2.2lb)	0.92kg (2.0lb)
<b>Power Consumption</b>	Max 6W	Max 5W	Max 5W	Max 10W	Max 8.7W
<b>Dimensions(L × W × H)</b>	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")	253.4×86.4×78.7mm (10.0"×3.4"×3.1")	Φ 148×111.3mm (Φ 5.8"×4.4")

## Prime II

Model	IPC3635ER3-DUPZ	IPC815SR-DVSPF14	IPC815SR-DVVPF14	IPC2128SR3-DPF40/60
<b>Appearance</b>				
<b>Axis</b>	3-Axis	NA	NA	3-Axis
<b>Low illumination characteristics</b>	Lighthunter	Low-light	Low-light	Low-light
<b>Adjustment angle</b>	Pan: 0°~360° Tilt: 0°~90° Rotate: 0°~360°	N/A	N/A	Pan: 0°~360° Tilt: 0°~90° Rotate: 0°~360°
<b>Sensor</b>	1/2.7"/5MP/CMOS	1/2.8"/5MP/CMOS	1/2.8"/5MP/CMOS	1/2.5"/8MP/CMOS
<b>Wide Dynamic Range</b>	120dB True WDR	120dB True WDR	120dB True WDR	120dB True WDR
<b>Zoom</b>	Motorized	Fixed	Fixed	Fixed
<b>Lens</b>	Focus: 2.7 ~ 13.5mm Iris: F1.2 Angle of view(H): 93.38° ~ 28.56°	Focus: 1.4mm Iris: F2.0 Angle of view: 360°	Focus: 1.4mm Iris: F2.0 Angle of view : 360°	Focus: 4mm, 6mm Iris: F2.0 Angle of view(H): 91.6°/54.2°
<b>Iris</b>	Fixed	Fixed	Fixed	Fixed
<b>Min. illumination</b>	Color: 0.002Lux (F1.2, AGC ON) 0Lux with IR	Colour: 0.01 Lux (F2.0, AGC ON) 0 Lux with IR	Colour: 0.01 Lux (F2.0, AGC ON) 0 Lux with IR	Color: 0.05Lux (F2.0, AGC ON) 0Lux with IR on
<b>IR</b>	Up to 30m (98ft)	Up to 10m (33ft)	Up to 10m (33ft)	Up to 30m (98ft)
<b>Video Compression</b>	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG
<b>Frame Rate</b>	2592x1944 20fps 2592x1944 25fps (WDR OFF) 2560x1440 30fps 2048x1536 30fps 1920x1080 30fps	2592x1944 30fps 2592x1944 25fps	2592x1944 30fps 2592x1944 25fps	3840x2160 20fps 2592x1944 30fps 2944x1656 30fps 2560x1440 30fps 1920x1080 30fps
<b>9:16 Corridor Mode</b>	√	√	√	√
<b>Video Streaming</b>	Triple streams	Triple streams	Triple streams	Triple Streams
<b>Privacy Mask</b>	√	√	√	√
<b>The number of OSD</b>	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs
<b>Audio I/O</b>	Built-in Mic	N/A	1 / 1 and Built-in Mic	N/A
<b>Alarm I/O</b>	N/A	N/A	1 / 1	N/A
<b>BNC</b>	N/A	N/A	1	N/A
<b>Edge Storage</b>	MicroSD, up to 256GB	MicroSD, up to 256GB	MicroSD, up to 256GB	N/A
<b>Network Interface</b>	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet
<b>Reset Button</b>	√	√	√	√
<b>Power</b>	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)
<b>Working Environment</b>	-40°C ~ 60°C (-40°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)
<b>Ingress Protection</b>	IP67	IP66	IP66	IP67
<b>Vandal Resistant</b>	N/A	IK10	IK10	N/A
<b>Weight</b>	0.82kg (1.8lb)	0.39kg(0.86lb)	0.39kg(0.86lb)	0.5kg (1.1lb)
<b>Power Consumption</b>	Max 8.16W	Max 11W	Max 11W	Max 8W
<b>Dimensions(L × W × H)</b>	Φ 129×110mm (Ø5.08"×4.3")	Φ 125×43.7mm (Φ 4.9"×1.7")	Φ 125×43.7mm (Φ 4.9"×1.7")	191.3×72.6×70.9mm (7.5"×2.9"×2.8")

## Prime II

Model	IPC3618SR3-DPF40(28)M	IPC542E-DLC-C	IPC742SR9-PZ30-32G	IPC744SR5-PF40(60)-32G
<b>Appearance</b>				
<b>Axis</b>	3-Axis	N/A	NA	NA
<b>Low illumination characteristics</b>	Low-light	Low-light	Low-light	Low-light
<b>Adjustment angle</b>	Pan: 0°~360° Tilt: 0°~90° Rotate: 0°~360°	N/A	N/A	N/A
<b>Sensor</b>	1/2.5"/8MP/CMOS	1/2.8"/2MP/CMOS	1/2.8"/2MP/CMOS	1/3"/4MP/CMOS
<b>Wide Dynamic Range</b>	120dB True WDR	120dB True WDR	Digital WDR	120dB True WDR
<b>Zoom</b>	Fixed	Manual(No Zoom/focus interface)	2X optical zoom 16X digital zoom	Fixed
<b>Lens</b>	Focus: 2.8mm, 4mm Iris: F2.0 Angle of view(H): 118.1°/91.6°	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°
<b>Iris</b>	Fixed	DC-Iris/P-Iris	Fixed	Fixed
<b>Min. illumination</b>	Color: 0.05Lux (F2.0, AGC ON) 0Lux with IR on	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
<b>IR</b>	Up to 30m (98ft)	N/A	Up to 100m (328ft)	Up to 50m (164ft)
<b>Video Compression</b>	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG
<b>Frame Rate</b>	3840x2160 20fps 2592x1944 30fps 2944x1656 30fps 2560x1440 30fps 1920x1080 30fps	1920x1080 30fps	1920x1080 30fps	2592x1520 20fps 2560x1440 25fps 2048x1520 30fps 1920x1080 30fps
<b>9:16 Corridor Mode</b>	√	√	N/A	N/A
<b>Video Streaming</b>	Triple Streams	Triple streams	Triple Streams	Triple Streams
<b>Privacy Mask</b>	√	√	√	√
<b>The number of OSD</b>	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs
<b>Audio I/O</b>	N/A	1 / 1	1 / 1	1 / 1
<b>Alarm I/O</b>	N/A	2 / 1	2 / 1	2 / 1
<b>BNC</b>	N/A	1	N/A	N/A
<b>Edge Storage</b>	N/A	MicroSD, up to 256GB	Built-in 32 GB eMMC	Built-in 32 GB eMMC
<b>Network Interface</b>	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet
<b>Reset Button</b>	N/A	√	N/A	N/A
<b>Power</b>	DC 12V ±25% PoE (IEEE 802.3af)	AC 24V ±10%, DC 12V ±10% PoE (IEEE802.3af)	DC 12V ±25% PoE (IEEE 802.3af)	DC 12V ±25% PoE (IEEE 802.3af)
<b>Working Environment</b>	-30°C ~ 60°C (-22°F ~ 140°F)	-20°C ~ 60°C (-4°F ~ 140°F)	-35°C ~ 60°C (-31°F ~ 140°F)	-35°C ~ 60°C (-31°F ~ 140°F)
<b>Ingress Protection</b>	IP67	N/A	IP66	IP66
<b>Vandal Resistant</b>	N/A	N/A	N/A	N/A
<b>Weight</b>	0.45kg (0.99lb)	0.48kg(1.1lb)	1.16kg(2.6lb)	1.16kg(2.6lb)
<b>Power Consumption</b>	Max 5.5W	Max 6.8W	Max 17.23W	Max 17.23W
<b>Dimensions(L × W × H)</b>	Φ 126×94mm (Φ 5.0"×3.7")	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")


## Prime III

Model	IPC2122SR3-UPF40(60)-C	IPC2222ER5-DUPF40(60)-C	IPC2222EBR5-HDUPF40/60	IPC322ER3-DUVPF28(40)-C	IPC2322EBR5-HDUPZ
<b>Appearance</b>					
<b>Axis</b>	3-Axis	3-Axis	3-Axis	3-Axis	3-Axis
<b>Low illumination characteristics</b>	Lighthunter	Lighthunter	Lighthunter	Lighthunter	Lighthunter
<b>Adjustment angle</b>	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° Rotate: 0°~360°	Pan: 0°~360° Tilt: 0°~90° Rotate: 0°~360°
<b>Sensor</b>	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
<b>Wide Dynamic Range</b>	120dB True WDR	120dB True WDR	120dB True WDR	120dB True WDR	120dB True WDR
<b>Zoom</b>	Fixed	Fixed	Fixed	Fixed	Motorized
<b>Lens</b>	Focus: 4mm, 6mm Iris: F1.6 Angle of view(H): 78.7°/53.3°	Focus: 4mm, 6mm Iris: F1.6 Angle of view(H): 78.7°/53.3°	Focus: 4mm, 6mm Iris: F1.6 Angle of view(H): 78.7°/53.3°	Focus: 2.8mm, 4.0mm Iris: F1.6 Angle of view (H): 112.7°/86.5°	Focus: 2.7 ~ 13.5mm Iris: F1.2 Angle of view(H): 121.36°~33.51°
<b>Iris</b>	Fixed	Fixed	Fixed	Fixed	Fixed
<b>Min. illumination</b>	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	Color: 0.001Lux (F1.6, AGC ON) 0Lux with IR	Color: 0.0005Lux (F1.2, AGC ON) 0Lux with IR on
<b>IR</b>	Up to 30m (98ft)	Up to 50m (164ft)	Up to 50m (164ft)	Up to 30m (98ft)	Up to 50m (164ft)
<b>Video Compression</b>	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG
<b>Frame Rate</b>	1920x1080 30fps	1920x1080 30fps	1920x1080 60fps(WDR OFF)	1920x1080 30fps	1920x1080 60fps(WDR OFF)
<b>9:16 Corridor Mode</b>	√	√	√	√	√
<b>Video Streaming</b>	Triple streams	Triple streams	Triple streams	Triple streams	Triple Streams
<b>Privacy Mask</b>	√	√	√	√	√
<b>The number of OSD</b>	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs
<b>Audio I/O</b>	N/A	N/A	1 / 1	2 / 1 (Stereo)	1 / 1
<b>Alarm I/O</b>	N/A	N/A	1 / 1	1 / 1	1 / 1
<b>BNC</b>	N/A	N/A	1	N/A	1
<b>Edge Storage</b>	N/A	MicroSD, up to 256GB	MicroSD, up to 256GB	MicoSD, up to 256G	MicroSD, Up to 256GB
<b>Network Interface</b>	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
<b>Reset Button</b>	√	N/A	N/A	N/A	N/A
<b>Power</b>	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)
<b>Working Environment</b>	-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)
<b>Ingress Protection</b>	IP67	IP67	IP67	IP67	IP67
<b>Vandal Resistant</b>	N/A	N/A	N/A	IK10	N/A
<b>Weight</b>	0.45kg (0.99lb)	1kg (2.2lb)	1kg (2.2lb)	0.45kg (0.99lb)	1kg (2.2lb)
<b>Power Consumption</b>	Max 6W	Max 9W	Max 7.5W	Max 4W	Max 10W
<b>Dimensions(L × W × H)</b>	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")	Φ 108.5×81mm (Φ4.28"×3.2")	253.4×86×71.7mm (9.98"×3.4"×2.8")

## Prime III

Model	IPC2322EBR5-DUPZ-C	IPC3232ER3-DUVZ-C	IPC3632ER3-DUPZ-C	IPC2328SBR5-DPZ	IPC3238SR3-DVPZ
<b>Appearance</b>					
<b>Axis</b>	3-Axis	3-Axis	3-Axis	3-Axis	3-Axis
<b>Low illumination characteristics</b>	Lighthunter	Lighthunter	Lighthunter	Lighthunter	Lighthunter
<b>Adjustment angle</b>	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°	Pan: 0°~360° Tilt: 0°~80° Rotate: 0°~360°
<b>Sensor</b>	1/2.8"/2MP/CMOS	1/2.8"/2MP/CMOS	1/2.8"/2MP/CMOS	1/1.8"/8MP/CMOS	1/1.8"/8MP/CMOS
<b>Wide Dynamic Range</b>	120dB True WDR	120dB True WDR	120dB True WDR	120dB True WDR	120dB True WDR
<b>Zoom</b>	Motorized	Motorized	Motorized	Motorized	Motorized
<b>Lens</b>	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°	Focus: 2.7 ~ 13.5mm Iris: F1.2 Angle of view:(H): 121.36°~33.51°	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°
<b>Iris</b>	Fixed	Fixed	Fixed	Fixed	Fixed
<b>Min. illumination</b>	Color: 0.0005Lux (F1.2, AGC ON) 0Lux with IR	Color: 0.0005Lux (F1.2, AGC ON) 0Lux with IR	Color: 0.0005Lux (F1.2, AGC ON) 0Lux with IR	Color: 0.003Lux (F1.5, AGC ON) 0Lux with IR on	Color: 0.003Lux (F1.5, AGC ON) 0Lux with IR
<b>IR</b>	Up to 50m (164ft)	Up to 30m (98ft)	Up to 30m (98ft)	Up to 50m (164ft)	Up to 30m (98ft)
<b>Video Compression</b>	Ultra265, H.264, MJPEG	Ultra 265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra 265, H.264, MJPEG
<b>Frame Rate</b>	1920x1080 30fps	1920x1080 30fps	1920x1080 30fps	3840x2160 20fps 2592x1944 30fps 2944x1656 30fps 2560x1440 30fps 1920x1080 30fps	3840x2160 20fps 2560x1440 25fps 2560x1440 25fps 1920x1080 25fps 1920x1080 60fps
<b>9:16 Corridor Mode</b>	√	√	√	√	√
<b>Video Streaming</b>	Triple Streams	Triple streams	Triple streams	Triple Streams	Triple streams
<b>Privacy Mask</b>	√	√	√	√	√
<b>The number of OSD</b>	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs
<b>Audio I/O</b>	1 / 1	1 / 1	Built-in Mic	1 / 1	1 / 1
<b>Alarm I/O</b>	1 / 1	1 / 1	N/A	1 / 1	1 / 1
<b>BNC</b>	N/A	1	N/A	1	1
<b>Edge Storage</b>	MicroSD, Up to 256GB	MicroSD, up to 256GB	MicroSD, up to 256GB	MicroSD, up to 256GB	MicroSD, up to 256GB
<b>Network Interface</b>	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
<b>Reset Button</b>	N/A	√	√	N/A	√
<b>Power</b>	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)
<b>Working Environment</b>	-35°C ~ 60°C (-31°F ~ 140°F)	-40°C ~ 60°C (-40°F ~ 140°F)	-40°C ~ 60°C (-40°F ~ 140°F)	-35°C ~ 60°C (-31°F ~ 140°F)	-40°C ~ 60°C (-40°F ~ 140°F)
<b>Ingress Protection</b>	IP67	IP67	IP67	IP67	IP67
<b>Vandal Resistant</b>	N/A	IK10	N/A	N/A	IK10
<b>Weight</b>	1kg (2.2lb)	0.92kg (2.0lb)	0.67kg (1.48lb)	1kg (2.2lb)	0.92kg (2.0lb)
<b>Power Consumption</b>	Max 10W	Max 8.7W	Max 8.16W	Max 10W	Max 8W
<b>Dimensions(L × W × H)</b>	253.4×86×71.7mm (9.98"×3.4"×2.8")	Φ 148×111.3mm (Φ 5.8"×4.4")	Φ 129×110mm (Ø5.08"×4.3")	253.4×86.4×78.7mm (10.0"×3.4"×3.1")	Φ 148×111.3mm (Φ 5.8"×4.4")

## Prime III

Model	IPC3638SR3-DPZ
<b>Appearance</b>	
<b>Axis</b>	3-Axis
<b>Low illumination characteristics</b>	Lighthunter
<b>Adjustment angle</b>	Pan: 0°~360° Tilt: 0°~90° Rotate: 0°~360°
<b>Sensor</b>	1/1.8"/8MP/CMOS
<b>Wide Dynamic Range</b>	120dB True WDR
<b>Zoom</b>	Motorized
<b>Lens</b>	Focus: 2.8~12mm Iris: F1.5 Angle of view:(H): 114.8° ~ 47.3°
<b>Iris</b>	Fixed
<b>Min. illumination</b>	Color: 0.003Lux (F1.5, AGC ON) 0Lux with IR
<b>IR</b>	Up to 30m (98ft)
<b>Video Compression</b>	Ultra 265, H.264, MJPEG
<b>Frame Rate</b>	3840x2160 20fps 2592x1944 30fps 2944x1656 30fps 2560x1440 30fps 1920x1080 30fps
<b>9:16 Corridor Mode</b>	√
<b>Video Streaming</b>	Triple streams
<b>Privacy Mask</b>	√
<b>The number of OSD</b>	Up to 8 OSDs
<b>Audio I/O</b>	Built-in Mic
<b>Alarm I/O</b>	N/A
<b>BNC</b>	N/A
<b>Edge Storage</b>	MicroSD, up to 256GB
<b>Network Interface</b>	10M/100M Base-TX Ethernet
<b>Reset Button</b>	√
<b>Power</b>	DC 12V ±25% PoE (IEEE 802.3af)
<b>Working Environment</b>	-40°C ~ 60°C (-40°F ~ 140°F)
<b>Ingress Protection</b>	IP67
<b>Vandal Resistant</b>	N/A
<b>Weight</b>	0.82kg (1.8lb)
<b>Power Consumption</b>	Max 8.16W
<b>Dimensions(L × W × H)</b>	Φ 129×110mm (Ø5.08"×4.3")

## Prime IV

Model	IPC3234SA-DZK	IPC264SA-DZK
<b>Appearance</b>		
<b>Axis</b>	3-Axis	3-Axis
<b>Low illumination characteristics</b>	Lighthunter	Lighthunter
<b>Adjustment angle</b>	Pan: 0°~355° Tilt: 0°~68° Rotate: 0°~355°	Pan: 0°~360° Tilt: 0°~90° Rotate: 0°~360°
<b>Sensor</b>	1/1.8"/4MP/CMOS	1/1.8"/4MP/CMOS
<b>Wide Dynamic Range</b>	120dB True WDR	120dB True WDR
<b>Zoom</b>	Motorized	Motorized
<b>Lens</b>	Focus: 2.8-12mm Iris: F1.2 Angle of view: 107.9°~35.6°	Focus: 2.8-12mm Iris: F1.2 Angle of view: 107.9°~35.6°
<b>Iris</b>	Auto aperture	Auto aperture
<b>Min. illumination</b>	Color: 0.0005Lux (F1.4, AGC ON) 0Lux with IR	Color: 0.0005Lux (F1.4, AGC ON) 0Lux with IR
<b>IR</b>	40m (131 ft)	Up to 50m (164ft)
<b>Video Compression</b>	H.265, H.264, MJPEG	H.265, H.264, MJPEG
<b>Frame Rate</b>	2688x1520 30fps 2560x1440 30fps 2560x1440 25fps 1920x1080 25fps 1920x1080 60fps	2688x1520 30fps 2560x1440 30fps 2560x1440 25fps 1920x1080 25fps 1920x1080 60fps
<b>ROI (Region of Interest)</b>	√	√
<b>9:16 Corridor Mode</b>	√	√
<b>Video Streaming</b>	Triple streams	Triple streams
<b>Privacy Mask</b>	√	√
<b>OSD font</b>	vector	vector
<b>The number of OSD</b>	Up to 8 OSDs	Up to 8 OSDs
<b>Audio I/O</b>	1 / 1	1 / 1
<b>Alarm I/O</b>	1 / 1	2 / 1
<b>BNC</b>	N/A	N/A
<b>Edge Storage</b>	MicroSD, up to 256GB	MicroSD, up to 256GB
<b>Network Interface</b>	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet
<b>Reset Button</b>	√	√
<b>Power</b>	AC 24V ±25%, DC 12V (±25%) PoE (IEEE802.3af)	AC 24V ±25%, DC 12V (-10%,+25%) PoE (IEEE802.3at)
<b>Working Environment</b>	-30°C~60°C(-22°F ~ 140°F)	-30°C~60°C(-22°F ~ 140°F)
<b>Ingress Protection</b>	IP67	IP67
<b>Vandal Resistant</b>	IK10	IK10
<b>Weight</b>	0.96kg(2.12lb)	1.65kg(3.64lb)
<b>Power Consumption</b>	Max 10W	Max 14W
<b>Dimensions(L × W × H)</b>	Φ 148x111.3mm (Φ 5.8"×4.4")	Φ 306.4x104.1x98.4mm (Φ 12.1"×4.1"×3.9")

**PRO**

## Network Camera

UNV Pro series are born with excellent cutting-edge technologies, deliver superior users experience.

Products in Pro series are able to suit for a range of tough situations. 4K@30fps, 2MP@60fps, LightHunter, WDR, abundant interfaces, in addition to those performance, Pro series also include OmniView camera, which combines multiple sensors to provide a panoramic view.

The Pro series products are the first option for enterprise and project applications.



### IPC8542ER5-DUG

- LightHunter, minimum 0.002 Lux illumination
- Smart IR and optical glass window, supports up to 50m IR distance
- 180°Horizontal viewing angle

### LightHunter

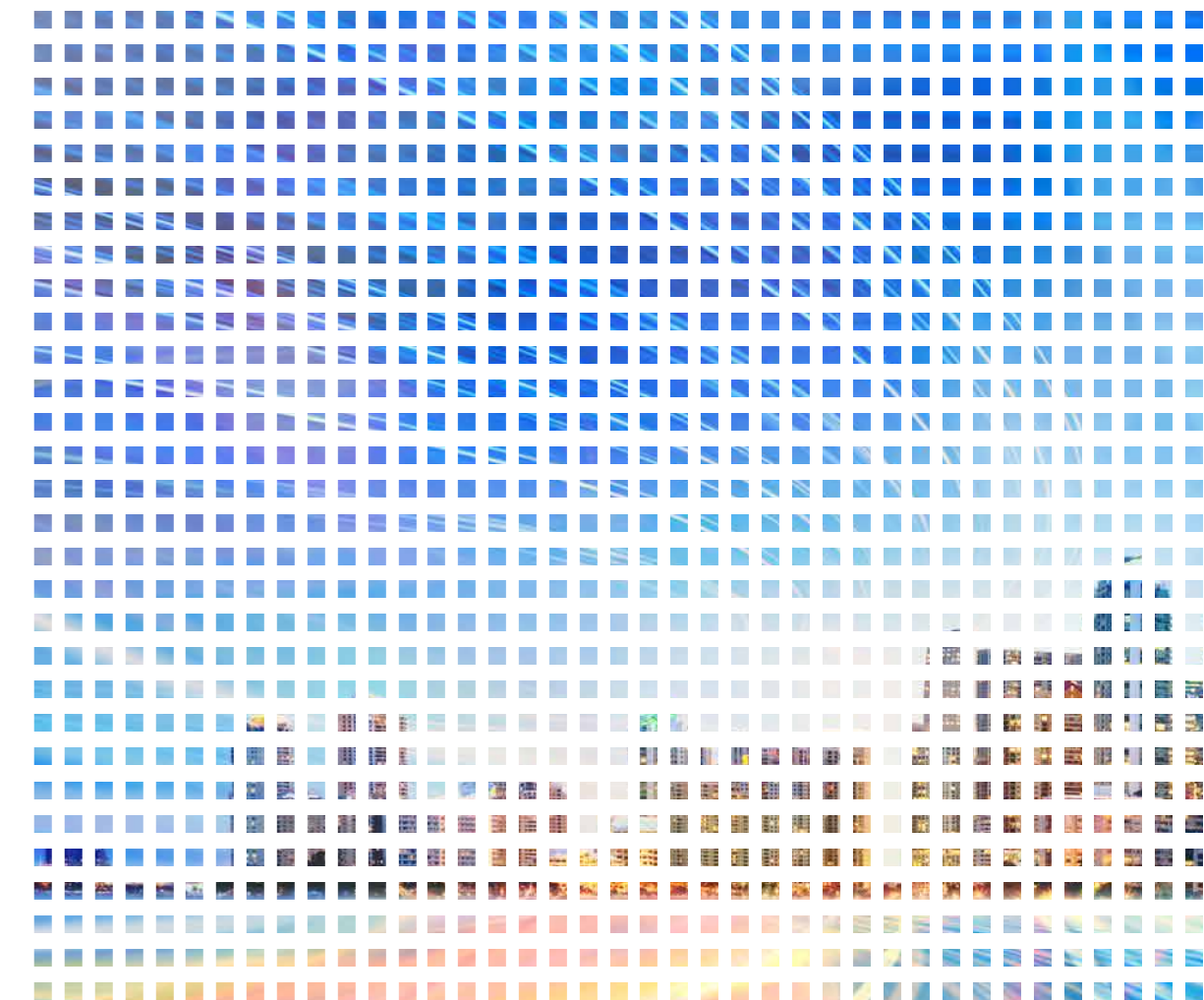
Most of products in Pro series are powered by LightHunter, which perform excellent in low illumination environment. LightHunter technology is popularly applied in projects like airport, highway, or safe city applications.

### 4K

4K series delivers box camera, 4x bullet/dome camera at 30fps. The higher the resolution is, the wider surveillance range reaches and it would be easy to zoom in by digital zoom to get more details. As we all know, 4K 30fps generates higher bitrate and bandwidth and also results in higher storage cost. To solve this problem, UNV Ultra 265 deep video compression technology can perfectly solve the problem by reducing up to 90% bitrate without losing any details.

### High Reliability

Wide voltage range of  $\pm 25\%$   
Wide temperature range:  $-40^{\circ}\text{C} \sim 60^{\circ}\text{C}$   
Surge protection designed for network interface





## PRO Basic

Model	IPC562E-DUG	IPC262EBR9-HDUPZ	IPC262EFW-DUZ
<b>Appearance</b>			
<b>Axis</b>	N/A	3-Axis	3-Axis
<b>Low illumination characteristics</b>	Lighthunter / Optical defog	Lighthunter	Lighthunter
<b>Adjustment angle</b>	N/A	Pan: 0°~360° Tilt: 0°~90° Rotate: 0°~360°	Pan: 0°~360° Tilt: 0°~90° Rotate: 0°~360°
<b>Sensor</b>	1/1.8"/2MP/CMOS	1/1.8"/2MP/CMOS	1/2.8"/2MP/CMOS
<b>Wide Dynamic Range</b>	120dB True WDR	120dB True WDR	120dB True WDR
<b>Zoom</b>	Motor Zoom/Focus	4X optical zoom	4X optical zoom
<b>Lens</b>	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°"
<b>Iris</b>	DC-Iris/P-Iris	DC-Iris	DC-Iris
<b>Min. illumination</b>	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
<b>IR</b>	N/A	Up to 100m (295ft)	IR up to 50m (164ft). White Light up to 10m(33ft) with PIR Alarm
<b>Video Compression</b>	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG
<b>Frame Rate</b>	1920×1080 60fps	1920×1080 60fps	1920×1080 30fps
<b>9:16 Corridor Mode</b>	√	√	√
<b>Video Streaming</b>	Triple streams	Triple streams	Triple streams
<b>Privacy Mask</b>	√	√	√
<b>The number of OSD</b>	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs
<b>Audio I/O</b>	1 / 1	1 / 1	1 / 1
<b>Alarm I/O</b>	2 / 1	2 / 1	2 / 1
<b>BNC</b>	1	1	1
<b>Edge Storage</b>	MicroSD, up to 256GB	MicroSD, up to 256GB	MicroSD, up to 256GB
<b>Network Interface</b>	10M/100M Base-TX Ethernet 100M/1000M SFP	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet
<b>Reset Button</b>	√	√	√
<b>Power</b>	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)
<b>Working Environment</b>	-20°C ~ 60°C (-4°F ~ 140°F)	-40°C ~ 60°C (-40°F ~ 140°F)	-40°C ~ 60°C (-40°F ~ 140°F)
<b>Ingress Protection</b>	N/A	IP67	IP67
<b>Vandal Resistant</b>	N/A	N/A	N/A
<b>Weight</b>	0.48kg (1.11lb)	1.65kg (3.61lb)	1.65kg (3.61lb)
<b>Power Consumption</b>	Max 6.8W	Max 13.7W	Max 13.7W
<b>Dimensions(L × W × H)</b>	151.5×116×65mm (6.0"×4.6"×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")

## PRO Basic

Model	IPC262ER9-X10DU	IPC262EBR9-DUPZIT	IPC252ERA-X22DUG IPC252ERA-X22DUP
<b>Appearance</b>			
<b>Axis</b>	3-Axis	3-Axis	3-Axis
<b>Low illumination characteristics</b>	Lighthunter	Lighthunter	Lighthunter
<b>Adjustment angle</b>	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°
<b>Sensor</b>	1/2.8"/2MP/CMOS	1/2.8"/2MP/CMOS	1/1.8"/2MP/CMOS
<b>Wide Dynamic Range</b>	120dB True WDR	120dB True WDR	120dB True WDR
<b>Zoom</b>	10X optical zoom	10X optical zoom	22X optical zoom
<b>Lens</b>	Focus: 4.7~47mm Iris: F1.6~3.0 Angle of view: 65°~9°	Focus: 4.7~47mm Iris: F1.6~3.0 Angle of view: 53.8°~6.6°	Focus: 6.5~143mm, Iris: F1.5~F3.4 Angle of view: 59°~3°
<b>Iris</b>	DC-Iris	DC-Iris	DC-Iris
<b>Min. illumination</b>	Color: 0.001Lux (F1.6, AGC ON) 0Lux with IR	Color: 0.001Lux (F1.6, AGC ON) 0Lux with IR	Color: 0.0005Lux (F1.5, AGC ON) 0Lux with IR
<b>IR</b>	Up to 100m (328ft)	Up to 100m (328ft)	Up to 200m (656ft)
<b>Video Compression</b>	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG
<b>Frame Rate</b>	1920×1080 30fps	1920×1080 60fps	1920×1080 60fps
<b>9:16 Corridor Mode</b>	√	√	√
<b>Video Streaming</b>	Triple streams	Triple streams	Triple streams
<b>Privacy Mask</b>	√	√	√
<b>The number of OSD</b>	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs
<b>Audio I/O</b>	1 / 1	1 / 1	1 / 1
<b>Alarm I/O</b>	2 / 1	2 / 1	2 / 1
<b>BNC</b>	1	1	1
<b>Edge Storage</b>	MicroSD, up to 256GB	MicroSD, up to 256GB	MicroSD, up to 256GB
<b>Network Interface</b>	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet -G: 100M/1000M SFP
<b>Reset Button</b>	√	√	√
<b>Power</b>	AC 24V ±25%, DC 12V ±25% PoE (IEEE802.3at)	AC 24V ±25%, DC 12V ±25% PoE (IEEE802.3at)	AC 24V ±25% -P: PoE (IEEE 802.3at)
<b>Working Environment</b>	-40°C ~ 60°C (-40°F ~ 140°F)	-40°C ~ 60°C (-40°F ~ 140°F)	-40°C ~ 60°C (-40°F ~ 140°F)
<b>Ingress Protection</b>	IP67	IP67	IP67
<b>Vandal Resistant</b>	N/A	N/A	N/A
<b>Weight</b>	1.65kg (3.61lb)	1.65kg (3.61lb)	3.7kg (8.2lb)
<b>Power Consumption</b>	Max 13.7W	Max 14W	Max 21W
<b>Dimensions(L × W × H)</b>	305.5×104.1×97.3mm(12.0"×4.1"×3.8")	305.5×104.1×97.3mm(12.0"×4.1"×3.8")	396.5×137×112mm(15.6"×5.4"×4.4")

## PRO Basic

Model	IPC3232ER3-DUVZ	IPC3232ER3-HDUVZ	IPC568E-G
<b>Appearance</b>			
<b>Axis</b>	3-Axis	3-Axis	N/A
<b>Low illumination characteristics</b>	Lighthunter	Lighthunter	Low-light / Optical defog
<b>Adjustment angle</b>	Pan: 0°~360° Tilt: 0°~80° Rotate: 0°~360°	Pan: 0°~360° Tilt: 0°~80° Rotate: 0°~360°	N/A
<b>Sensor</b>	1/2.8"/2MP/CMOS	1/1.7"/2MP/CMOS	1/1.7"/12MP/CMOS
<b>Wide Dynamic Range</b>	120dB True WDR	120dB True WDR	Digital WDR
<b>Zoom</b>	4X optical zoom	4X optical zoom	Motor Zoom/Focus
<b>Lens</b>	Focus: 2.8~12mm Iris: F1.4 Angle of view (H): 105.0°~33°	Focus: 2.8~12mm Iris: F1.5 Angle of view: 87.5°~31.2°	N/A
<b>Iris</b>	Fixed	Fixed	DC-Iris/P-Iris
<b>Min. illumination</b>	Color: 0.001 Lux (F1.4, 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)
<b>IR</b>	Up to 30m (98ft)	Up to 30m (98ft)	N/A
<b>Video Compression</b>	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG
<b>Frame Rate</b>	1920×1080 30fps	1920×1080 60fps	4000×3000 20fps 3840×2160 30fps 1920×1080 30fps
<b>9:16 Corridor Mode</b>	√	√	√
<b>Video Streaming</b>	Triple streams	Triple streams	Triple streams
<b>Privacy Mask</b>	√	√	√
<b>The number of OSD</b>	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs
<b>Audio I/O</b>	1 / 1	2 / 1	1 / 1
<b>Alarm I/O</b>	1 / 1	1 / 1	2 / 1
<b>BNC</b>	1	1	1
<b>Edge Storage</b>	MicroSD, up to 256GB	MicroSD, up to 256GB	MicroSD, up to 256GB
<b>Network Interface</b>	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet 100M/1000M SFP
<b>Reset Button</b>	√	√	√
<b>Power</b>	DC 12V ±25% PoE (IEEE 802.3af)	AC 24V ±25%, DC 12V ±25% PoE (IEEE802.3af)	AC 24V ±25%, DC 12V ±25% PoE (IEEE802.3af)
<b>Working Environment</b>	-40°C ~ 60°C (-40°F ~ 140°F)	-40°C ~ 60°C (-40°F ~ 140°F)	-20°C ~ 60°C (-4°F ~ 140°F)
<b>Ingress Protection</b>	IP67	IP67	N/A
<b>Vandal Resistant</b>	IK10	IK10	N/A
<b>Weight</b>	0.92kg (2.0lb)	0.84kg (1.85lb)	0.48kg (1.1lb)
<b>Power Consumption</b>	Max 7.2W	Max 9W	Max 9.5W
<b>Dimensions(L × W × H)</b>	Φ 148×111.3mm (Φ 5.8"×4.4")	Φ 148×111.3mm (Φ 5.8"×4.4")	151.5×71×65mm (6.0"×2.8"×2.6")

## PRO Basic

Model	IPC268ER9-DZ	IPC3238ER3-DVZ	IPC868ER-VF18-B	IPC8542ER5-DUG
<b>Appearance</b>				
<b>Axis</b>	3-Axis	3-Axis	3-Axis	N/A
<b>Low illumination characteristics</b>	Low-light	Low-light	Low-light	Lighthunter
<b>Adjustment angle</b>	Pan: 0°~360° Tilt: 0°~90° Rotate: 0°~360°	Pan: 0°~360° Tilt: 0°~80° Rotate: 0°~360°	N/A	N/A
<b>Sensor</b>	1/2.5"/8MP/CMOS	1/2.5"/8MP/CMOS	1/1.7"/12MP/CMOS	1/1.8"/4*2MP/CMOS
<b>Wide Dynamic Range</b>	120dB True WDR	120dB True WDR	Digital WDR	120dB True WDR
<b>Zoom</b>	4X optical zoom	4X optical zoom	Fixed	Fixed
<b>Lens</b>	Focus: 2.8~12mm Iris: F1.6 Angle of view: 79.6°~34.9°	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°
<b>Iris</b>	DC-Iris	DC-Iris	Fixed	Fixed
<b>Min. illumination</b>	Color: 0.02Lux (F1.6, AGC ON) 0Lux with IR	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
<b>IR</b>	Up to 100m (328ft)	Up to 30m (98ft)	Up to 10 m (33ft)	Up to 50m (164ft)
<b>Video Compression</b>	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG
<b>Frame Rate</b>	3840×2160 30fps 1920×1080 30fps	3840×2160 30fps 1920×1080 30fps	4000×3000 15fps 3000×3000 15fps 2560×2560 25fps	4096×1800 30fps 2880×1264 30fps
<b>9:16 Corridor Mode</b>	√	√	√	√ (9:20)
<b>Video Streaming</b>	Triple streams	Triple streams	8 Streams (1 fisheye view (Triple streams), 1 panoramic view, 4 PTZ View)	Triple streams
<b>Privacy Mask</b>	√	√	√	√
<b>The number of OSD</b>	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs
<b>Audio I/O</b>	1 / 1	1 / 1	1 / 1 and 1 built-in Mic, 1 built-in Speaker	1 / 1
<b>Alarm I/O</b>	2 / 1	1 / 1	2 / 1	2 / 1
<b>BNC</b>	1	1	1	x
<b>Edge Storage</b>	MicroSD, up to 256GB	MicroSD, up to 256GB	MicroSD, up to 256GB	MicroSD, up to 256GB
<b>Network Interface</b>	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	1*100M/1000M SFP + 2*10M/100M/1000M Base-TX Ethernet
<b>Reset Button</b>	√	√	√	√
<b>Power</b>	AC 24V ±25%, DC 12V ±25% PoE (IEEE 802.3at)	DC 12V ±25% PoE (IEEE 802.3at)	DC 12V ±25% PoE (IEEE 802.3af)	AC 24V ±25%, DC24V support 18V-48V
<b>Working Environment</b>	-40°C ~ 60°C (-40°F ~ 140°F)	-40°C ~ 60°C (-40°F ~ 140°F)	-35°C ~ 60°C (-31°F ~ 140°F)	-40°C ~ 70°C (-40°F ~ 158°F)
<b>Ingress Protection</b>	IP67	IP67	IP66	IP67
<b>Vandal Resistant</b>	N/A	IK10	IK10	N/A
<b>Weight</b>	1.65kg (3.6lb)	0.92kg (2.0lb)	0.5kg (1.1lb)	2.4kg(5.3lb)
<b>Power Consumption</b>	Max 13.7W	Max 8.7W	Max 9.6W	Max 45W
<b>Dimensions(L × W × H)</b>	305.5×104.1×97.3mm (12.0"×4.1"×3.8")	Φ 148×111.3mm (Φ 5.8"×4.4")	Φ 149×51.5mm (Φ 5.9"×2.0")	259mm×211mm×115mm



## Network Camera

UNV PTZ series cameras cover entry level, standard level and enhanced level, meet different customers' requirements.

Mini PTZ camera which targets to entry level market is featured with built in microphone, speaker and wifi, suitable for retail market. The standard and enhanced PTZ camera are suitable for vertical industry projects with up to 44x optical zoom, 4K, 60fps, LightHunter, long range IR distance, WDR, abundant interface and IK10. Specialized camera such as TeleView can be adopt in forest, harbor and city monitoring project.



### IPC6415SR-X5UPW

- LightHunter, minimum 0.002 Lux illumination
- Smart IR, up to 30m (98ft) IR distance
- Up to 120 dB true WDR (Wide Dynamic Range)
- Built-in microphone & speaker
- Support PoE power supply
- Support wifi



### IPC6858SR-X38UP-VC

- 38X Optical Zoom
- 1/1.8" sensor, LightHunter, minimum 0.002 Lux illumination
- Smart IR, up to 250m (820ft) IR distance
- Gyroscope stabilization
- Support PoE (IEEE 802.3bt)
- Optical Defog



### IPC7622ER-X44U

- 44X Optical Zoom
- LightHunter, minimum 0.002 Lux illumination
- Smart IR, up to 300m (984ft) IR distance
- Gyroscope stabilization
- Intelligent wiper function
- 7/2 alarm in/out
- Optical defog
- Embedded gradienter for installation

### Excellent Image Performance

Powered by LightHunter, the PTZ series camera can perform well in low illumination environment. Besides, built in car-grade LED, PTZ series cameras support up to 250m IR.

### Big Zoom Range

UNV PTZ series support up to 44x optical zoom, see further with details.

### High Stability

Adopted high quality hardware and industrial level PCB board, the PTZ camera work stably in the most of harsh environmental conditions. The PTZ camera support wide voltage ( $\pm 25\%$ ), which is useful when power is not stable. Besides  $-40^{\circ}\text{C} \sim 70^{\circ}\text{C}$  working temperature range is available for part of PTZ cameras.

## PTZ

Model	IPC6412LR-X5P	IPC6415SR-X5UPW	IPC6322SR-X22P-C	IPC6322SR-X33DUP-C	IPC6322LR-X22-C
<b>Appearance</b>					
<b>Low illumination characteristics</b>	Low-light	Lighthunter	Low-light	Lighthunter	Low-light
<b>Adjustment angle</b>	N/A	N/A	N/A	N/A	N/A
<b>Sensor</b>	1/2.9"/2MP/CMOS	1/2.7" / 5MP / CMOS	1/2.9"/2MP/CMOS	1/2.8"/2MP/CMOS	1/2.9"/2MP/CMOS
<b>Lens</b>	Focus:2.7~13.5mm Iris: F1.2 Angle of view (H): 110.4°~23.4°	Focus: 2.7~13.5mm Iris: F1.2 Angle of view (H): 107.8°~252.6°	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°	Focus: 5.2~ 114.4mm Iris: F1.5 Angle of view (H): 54.40°~3.44°
<b>Optical Zoom</b>	5X	5X	22x	33x	22x
<b>WDR</b>	Digital WDR	120dB	Digital WDR	120dB True WDR	Digital WDR
<b>Iris</b>	Fixed	Fixed	DC-Iris	DC-Iris	DC-Iris
<b>Min. illumination</b>	Colour: 0.03 lux (F1.2,AGC ON) 0 lux with IR	Colour: 0.002 lux (F1.2,AGC ON) 0 lux with IR	Color: 0.01Lux (F1.5, AGC ON) 0Lux with IR	Color: 0.001Lux (F1.5, AGC ON) 0Lux with IR	Color: 0.01Lux (F1.5, AGC ON) 0Lux with IR
<b>Pan Range</b>	350°	350°	360°	360°	360°
<b>Pan Speed</b>	0.1°/s ~ 60°/s	0.1°/s ~ 60°/s	0.1°/s ~ 300°/s	0.1°/s ~ 300°/s	0.1°/s ~ 300°/s
<b>Tilt Range</b>	0° ~ 90°	0° ~ 90°	-15° ~ +90°	-15° ~ +90°	-15° ~ +90°
<b>Tilt Speed</b>	0.1° ~ 50°/s	0.1° ~ 50°/s	0.1° ~ 80°/s	0.1° ~ 80°/s	0.1° ~ 80°/s
<b>IR</b>	UP to 30m (98ft)	UP to 30m (98ft)	Up to 150m (492ft)	Up to 150m (492ft)	Up to 150m (492ft)
<b>Video Compression</b>	Ultra 265,H.265, H.264, MJPEG	Ultra 265,H.265, H.264, MJPEG	Ultra 265, H.264, MJPEG	Ultra 265, H.264, MJPEG	Ultra 265, H.264, MJPEG
<b>The number of OSD</b>	Up to 4 OSDs	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs
<b>Frame Rate</b>	1920×1080 30fps	2592 × 1944 30fps	1920×1080 30fps	1920×1080 30fps	1920×1080 30fps
<b>Video Streaming</b>	Triple streams	Triple streams	Triple streams	Triple streams	Triple streams
<b>BNC</b>	N/A	N/A	N/A	√	N/A
<b>Privacy Mask</b>	√	√	√	√	√
<b>Patrol</b>	N/A	N/A	√	√	√
<b>Preset</b>	1024	1024	1024	1024	1024
<b>Audio I/O</b>	Built-in Mic	Built-in Mic Built-in Speaker	1 / 1	1 / 1	N/A
<b>Alarm I/O</b>	N/A	1 / 1	1 / 1	2 / 1	N/A
<b>Edge Storage</b>	MicroSD, up to 256GB	MicroSD, up to 256GB	MicroSD, up to 256GB	MicroSD, up to 256GB	MicroSD, up to 256GB
<b>Network Interface</b>	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
<b>Reset Button</b>	√	√	√	√	√
<b>Power</b>	DC 12V ±25% PoE (IEEE 802.3af)	DC 12V±25%, PoE (IEEE802.3 at)	DC 12V ±10% PoE (-P, PSE Required)	DC 12V ±10% PoE (-P, PSE Required)	DC 12V ±10%
<b>Ingress Protection</b>	N/A	N/A	IP66	IP66	IP66
<b>Working Environment</b>	-10°C ~ +50°C (14°F ~ 122°F)	-10°C ~ +50°C (14°F ~ 122°F)	-40°C ~ 65°C (-40°F ~ 149°F)	-40°C ~ 65°C (-40°F ~ 149°F)	-40°C ~ 65°C (-40°F ~ 149°F)
<b>Weight</b>	0.75kg(1.65lb)	0.75kg(1.65lb)	3kg (6.6lb)	3kg (6.6lb)	3kg (6.6lb)
<b>Power Consumption</b>	11W	16W	16 ~ 30W	16 ~ 30W	16 ~ 30W
<b>Dimensions</b>	Φ 129mm×143mm (Φ 5.07" x5.63")	Φ 129mm×143mm (Φ 5.07" x5.63")	Φ 215×344mm (Φ 8.5" x13.5")	Φ 215×344mm (Φ 8.5" x13.5")	Φ 215×344mm (Φ 8.5" x13.5")

## PTZ

Model	IPC6322LR-X33DU-C	IPC6222EI-X22UP-C	IPC6222E-X33UP	IPC6222ER-X20(P)-B	IPC6222ER-X30(P)-B
<b>Appearance</b>					
<b>Low illumination characteristics</b>	Lighthunter	Lighthunter	Lighthunter	Low-light	Low-light
<b>Adjustment angle</b>	N/A	N/A	N/A	N/A	N/A
<b>Sensor</b>	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
<b>Lens</b>	Focus: 4.5~ 148.5mm Iris: F1.5 Angle of view (H): 76.8°~2.1°	Focus: 5.2~114.4mm Iris: F1.5-F3.0 Angle of view (H): 55.93°~3.52°	Focus: 4.5~148.5mm Iris: F1.5-F4.0 Angle of view (H): 62.67°~2.82°	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°
<b>Optical Zoom</b>	33x	22X	33x	20X	30X
<b>WDR</b>	120dB True WDR	120dB True WDR	120dB True WDR	120dB True WDR	120dB True WDR
<b>Iris</b>	DC-Iris	DC-Iris	DC-Iris	DC-Iris	DC-Iris
<b>Min. illumination</b>	Color: 0.001Lux (F1.5, AGC ON) 0Lux with IR	Color: 0.001Lux (F1.5, AGC ON) B/W: 0.0001Lux (F1.5, AGC ON)	Color: 0.001Lux (F1.5, AGC ON) B/W: 0.0001Lux (F1.5, AGC ON)	Color: 0.001Lux (F1.5, AGC ON) 0Lux with IR	Color: 0.001Lux (F1.5, AGC ON) 0Lux with IR
<b>Pan Range</b>	360°	360°	360°	360°	360°
<b>Pan Speed</b>	0.1°/s ~ 300°/s	0.1°/s ~ 400°/s	0.1°/s ~ 400°/s	0.1°/s ~ 240°/s	0.1°/s ~ 240°/s
<b>Tilt Range</b>	-15° ~ +90°	-18° ~ 90°	1° ~ 90°	-15° ~ 90°	-15° ~ 90°
<b>Tilt Speed</b>	0.1° ~ 80°/s	0.1°/s ~ 240°/s	0.1°/s ~ 240°/s	0.1° ~ 160°/s	0.1° ~ 160°/s
<b>IR</b>	Up to 150m (492ft)	N/A	N/A	Up to 150m (492ft)	Up to 150m (492ft)
<b>Video Compression</b>	Ultra 265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG
<b>The number of OSD</b>	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs
<b>Frame Rate</b>	1920×1080 30fps	1920×1080 30fps	1920×1080 30fps	1920 × 1080 30fps	1920 × 1080 30fps
<b>Video Streaming</b>	Triple streams	Triple streams	Triple streams	Triple streams	Triple streams
<b>BNC</b>	√	√	√	N/A	N/A
<b>Privacy Mask</b>	√	√	√	√	√
<b>Patrol</b>	√	√	√	√	√
<b>Preset</b>	1024	1024	1024	1024	1024
<b>Audio I/O</b>	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1
<b>Alarm I/O</b>	2 / 1	2 / 1	2 / 1	1 / 1	1 / 1
<b>Edge Storage</b>	MicroSD, up to 256GB	MicroSD, up to 256GB	MicroSD, up to 256GB	MicroSD, up to 256GB	MicroSD, up to 256GB
<b>Network Interface</b>	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
<b>Reset Button</b>	√	N/A	√	N/A	N/A
<b>Power</b>	DC 12V ±10%	AC 24V ±25%, DC 24V ±25% PoE (IEEE 802.3at)	AC 24V ±25%, DC 24V ±25% PoE (IEEE 802.3at)	AC 24V ±25%, DC 24V ±25%, PoE (-P, PSE Required)	AC 24V ±25%, DC 24V ±25% PoE (-P, PSE Required)
<b>Ingress Protection</b>	IP66	N/A	IP66	IP66	IP66
<b>Working Environment</b>	-40°C ~ 65°C (-40°F ~ 149°F)	-20°C ~ 50°C (-4°F ~ 122°F)	-30°C ~ 70°C (-31°F ~ 158°F)	-40°C ~ 65°C (-40°F ~ 149°F)	-40°C ~ 65°C (-40°F ~ 149°F)
<b>Weight</b>	3kg (6.6lb)	3.5kg (7.7lb)	4.2kg (9.26lb)	5.28kg (11.6lb)	5.28kg (11.6lb)
<b>Power Consumption</b>	16 ~ 30W	Max 8 ~ 20W	Max 16W	9 ~ 42W	9 ~ 60W
<b>Dimensions</b>	Φ 215×344mm (Φ 8.5" x13.5")	Ø195×263mm (Ø7.7"×10.4")	Φ 218×298mm (Φ 8.6"×11.7")	Φ 227×359.4mm (Φ 8.9" x 14.2")	Φ 227×359.4mm (Φ 8.9" x 14.2")

## PTZ

Model	IPC6252SR-X22U	IPC6252SFW-X22U	IPC6252SR-X33U	IPC6252SL-X33UP	IPC6852SR-X38UG
<b>Appearance</b>					
<b>Low illumination characteristics</b>	Lighthunter	Lighthunter	Lighthunter	Lighthunter,Laser	Lighthunter
<b>Adjustment angle</b>	N/A	N/A	N/A	N/A	N/A
<b>Sensor</b>	1/1.8"/2MP/CMOS	1/1.8"/2MP/CMOS	1/2.8"/2MP/CMOS	1/2.8"/2MP/CMOS	1/1.8"/2MP/CMOS
<b>Lens</b>	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°	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°
<b>Optical Zoom</b>	22X	22X	33X	33X	38X
<b>WDR</b>	120dB True WDR	120dB True WDR	120dB True WDR	120dB True WDR	120dB True WDR
<b>Iris</b>	DC-Iris	DC-Iris	DC-Iris	DC-Iris	DC-Iris
<b>Min. illumination</b>	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	Color: 0.001Lux (F1.6, AGC ON) 0Lux with IR	Color: 0.0005Lux (F1.5, AGC ON) 0Lux with IR
<b>Pan Range</b>	360°	360°	360°	360°	360°
<b>Pan Speed</b>	0.1°/s ~ 240°/s	0.1°/s ~ 240°/s	0.1°/s ~ 240°/s	0.1°/s ~ 240°/s	0.1°/s ~ 240°/s
<b>Tilt Range</b>	-15° ~ 90°	-15° ~ 90°	-15° ~ 90°	-15° ~ 90°	-20° ~ 90°
<b>Tilt Speed</b>	0.1° ~ 160°/s	0.1° ~ 160°/s	0.1° ~ 160°/s	0.1° ~ 160°/s	0.1° ~ 160°/s
<b>IR</b>	Up to 200m (656ft)	<30m white light 30~200m IR	Up to 200m (656ft)	VF laser, up to 500m (1640ft)	Up to 250m (820ft)
<b>Video Compression</b>	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG
<b>The number of OSD</b>	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs
<b>Frame Rate</b>	1920×1080 60fps	1920×1080 60fps	1920×1080 60fps	1920×1080 60fps	1920×1080 60fps
<b>Video Streaming</b>	Triple streams	Triple streams	Triple streams	Triple streams	Triple streams
<b>BNC</b>	√	√	√	N/A	√
<b>Privacy Mask</b>	√	√	√	√	√
<b>Patrol</b>	√	√	√	√	√
<b>Preset</b>	1024	1024	1024	1024	1024
<b>Audio I/O</b>	1/1	1/1	1/1	1/1	1/1
<b>Alarm I/O</b>	2/1	2/1	2/1	1/1	2/1
<b>Edge Storage</b>	MicroSD, up to 256GB	MicroSD, up to 256GB	MicroSD, up to 256GB	MicroSD, up to 256GB	MicroSD, up to 256GB
<b>Network Interface</b>	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	1 RJ4510M/100M/1000M Base-TX Ethernet SFPBase-TX Ethernet
<b>Reset Button</b>	√	√	√	√	√
<b>Power</b>	AC 24V ±25%, DC 24V ±25%	AC 24V ±25%, DC 24V ±25%	AC 24V ±25%, DC 24V ±25%	AC 24V ±25%, DC 24V ±25% PoE (-P, PSE Required)	AC 24V ±25%, DC 24V ±25%
<b>Ingress Protection</b>	IP66	IP66	IP66	IP66	IP66
<b>Working Environment</b>	-40°C ~ 70°C (-40°F ~ 158°F)	-40°C ~ 70°C (-40°F ~ 158°F)	-40°C ~ 70°C (-40°F ~ 158°F)	-40°C ~ 70°C (-40°F ~ 158°F)	-40°C ~ 70°C (-40°F ~ 158°F)
<b>Weight</b>	5.5kg (12.1lb)	5.4kg (11.9lb)	5.5kg (12.1lb)	5.6kg (12.3lb)	9.69kg (21.4lb)
<b>Power Consumption</b>	11 ~47W	12 ~ 46W	11 ~47W	8~47W	16 ~51W
<b>Dimensions</b>	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")	Φ 227×359.4mm (Φ 8.9"×14.2")	Φ 270×496.7mm (Φ 10.6"×19.6")

## PTZ

Model	IPC6852SR-X44U	IPC6253SR-X33	IPC6854SR-X38UP-VC	IPC6258SR-X22DUP	IPC6858SR-X38UP-VC	IPC7622ER-X44U
<b>Appearance</b>						
<b>Low illumination characteristics</b>	Lighthunter	Lighthunter	Lighthunter	Lighthunter	Lighthunter	Lighthunter
<b>Adjustment angle</b>	N/A	N/A	N/A	N/A	N/A	N/A
<b>Sensor</b>	1/2.8"/2MP/CMOS	1/2.8"/3MP/CMOS	1/1.8"/4MP/CMOS	1/1.8"/8MP/CMOS	1/1.8"/8MP/CMOS	1/2.8"/2MP/CMOS
<b>Lens</b>	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°	Focus: 5.7~216.6mm Iris: F1.5~F4.8 Angle of view (H): 58.45°~2.14°	Focus: 6.5~143mm Iris: F1.5 Angle of view (H): 66°~3.2°	Focus: 5.7~216.6mm Iris: F1.5~F4.8 Angle of view (H): 61.17°~2.26°	Focus: 5~220mm Iris: F1.2~F3.5 Angle of view (H): 58.2° ~ 1.5°
<b>Optical Zoom</b>	44X	33X	38X	22x	38X	44X
<b>WDR</b>	120dB True WDR	120dB True WDR	120dB True WDR	120dB True WDR	120dB True WDR	120dB True WDR
<b>Iris</b>	DC-Iris	DC-Iris	DC-Iris	DC-Iris	DC-Iris	DC-Iris
<b>Min. illumination</b>	Color: 0.002Lux (F1.2, AGC ON) 0Lux with IR	Color: 0.003Lux (F1.6, AGC ON) 0Lux with IR	Color: 0.0005Lux (F1.36, AGC ON) 0Lux with IR	Color: 0.003Lux (F1.5, AGC ON) 0Lux with IR	Color: 0.003Lux (F1.36, AGC ON) 0Lux with IR	Color: 0.002lux (F1.2, AGC ON) 0 lux with IR
<b>Pan Range</b>	360°	360°	360°	360°	360°	360°
<b>Pan Speed</b>	0.1°/s ~ 240°/s	0.1°/s ~ 240°/s	0.1° ~ 180°/s	0.1°/s ~ 240°/s	0.1° ~ 180°/s	0.1°/s ~140°/s
<b>Tilt Range</b>	-20°~90°	-15° ~ 90°	-20°~90°	-15° ~ 90°	-20°~90°	-90° ~ +45° (auto reverse)
<b>Tilt Speed</b>	0.1° ~ 160°/s	0.1° ~ 160°/s	0.1° ~ 180°/s	0.1° ~ 160°/s	0.1° ~ 180°/s	0.1° ~40°/s
<b>IR</b>	Up to 250m (820ft)	Up to 200m (656ft)	Up to 250m (820ft)	Up to 150m (492ft)	Up to 250m (820ft)	Up to 300m (984ft)
<b>Video Compression</b>	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra 265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG
<b>The number of OSD</b>	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs
<b>Frame Rate</b>	1920×1080 60fps	2048×1536 30fps	2688×1520 60fps	3840×2160 30fps 1920×1080 30fps	3840×2160 30fps	1920×1080 60fps
<b>Video Streaming</b>	Triple streams	Triple streams	Triple streams	Triple streams	Triple streams	Triple streams
<b>BNC</b>	√	√	N/A	N/A	N/A	√
<b>Privacy Mask</b>	√	√	√	√	√	√
<b>Patrol</b>	√	√	√	√	√	√
<b>Preset</b>	1024	1024	1024	1024	1024	1024
<b>Audio I/O</b>	1/1	1/1	1/1	1/1	1/1	1/1
<b>Alarm I/O</b>	2/1	2/1	2/1	1/1	2/1	7/2
<b>Edge Storage</b>	MicroSD, up to 256GB	MicroSD, up to 256GB	MicroSD, up to 256GB	MicroSD, up to 256GB	MicroSD, up to 256GB	MicroSD, up to 256GB
<b>Network Interface</b>	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M/1000M Base-TX Ethernet
<b>Reset Button</b>	√	√	√	√	√	√
<b>Power</b>	AC 24V ±25%, DC 24V ±25%	AC 24V ±25%, DC 24V ±25%	AC 24V ±25%, DC 24V ±25% PoE (-P, bt protocol)	AC 24V ±25%, DC 24V ±25% PoE (-P, PSE Required)	AC 24V ±25%, DC 24V ±25% PoE (-P, bt protocol)	48V DC, 24 V AC, 24 V DC
<b>Ingress Protection</b>	IP66	IP66	IP66	IP66	IP66	IP66
<b>Working Environment</b>	-40°C ~ 70°C (-40°F ~ 158°F)	-40°C ~ 70°C (-40°F ~ 158°F)	-40°C ~ 70°C (-40°F ~ 158°F)	-40°C ~ 70°C (-40°F ~ 158°F)	-40°C ~ 70°C (-40°F ~ 158°F)	-40°C ~ 70°C (-40°F ~ 158°F)
<b>Weight</b>	9.69kg (21.4lb)	5.5kg (12.1lb)	9.69kg (21.4lb)	5.55kg (12.24lb)	9.69kg (21.4lb)	13.98kg (30.8lb)
<b>Power Consumption</b>	16 ~56W	11 ~ 47W	16 ~ 51W	9 ~ 38W	16~ 51W	Max 87.8W
<b>Dimensions</b>	Φ 270×496.7mm (Φ 10.6"×19.6")	Φ 227×359.4mm (Φ 8.9"×14.2")	Φ 270mm×496.7mm (Φ 10.6" x 19.6")	Φ 227×359.4mm (Φ 8.9" x14.2")	Φ 270mm×496.7mm(Φ 10.6" x 19.6")	280.1mmx364.9mm x519.6mm (Φ 11.0" x 14.4" x20.5")

# NVR

- Empowered by innovation to provide beneficial features
- Focusing on user experience to ease every operation process
- Born with high quality gene to ensure reliability on device and whole system



## 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

### 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. Recently, 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

All UNV NVRs 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. Also the NVR provide various methods for system maintain, for example network condition detection, POE port vitalization, USB recovery tools, to ease the process of system repair.

### 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



## NVR301-04LX-P4

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






sensor boards in UNV NVR are designed as 2mm thickness to avoid defocus by deformation while using in extremely harsh environment.

### 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.

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

## Easy Series

Easy Series						
Model		NVR301-04LS2-P4	NVR301-04S	NVR301-08S	NVR301-04E	NVR301-08E
<b>Appearance</b>						
<b>Video/Audio Input</b>	<b>IP Video Input</b>	4-ch	4-ch	8-ch	4-ch	8-ch
	<b>Analog Video Input</b>	N/A	N/A	N/A	N/A	N/A
	<b>Input Bandwidth</b>	40 Mbps	40 Mbps	48Mbps	40 Mbps	60 Mbps
	<b>Audio Input</b>	N/A	N/A	N/A	1-ch	1-ch
<b>Video/Audio Output</b>	<b>HDMI</b>	1	1	1	1	1
	<b>VGA</b>	1	1	1	1	1
	<b>Audio Output</b>	1	1	1	1-ch, RCA	1-ch, RCA
	<b>Outgoing Bandwidth</b>	40 Mbps	48Mbps	48Mbps	64 Mbps	64 Mbps
	<b>Decoding Capability</b>	4-ch@1080P 1-ch@5MP	4-ch@1080P 1-ch@8MP	8-ch@720P 4-ch@1080P 1-ch@8MP	4-ch@1080P 1-ch@8MP	8-ch@720P 4-ch@1080P 1-ch@8MP
<b>Storage</b>	<b>HDD</b>	1 SATA interface	1 SATA interface	1 SATA interface	1 SATA interface	1 SATA interface
<b>External Interface</b>	<b>Network Interface</b>	1 x RJ45 100M	1 x RJ45 100M	1 x RJ45 100M	1 x RJ45 100M	1 x RJ45 100M
	<b>PoE</b>	4x PoE+	N/A	N/A	N/A	N/A
	<b>Serial Interface</b>	N/A	N/A	N/A	N/A	N/A
	<b>USB Interface</b>	2 x USB2.0	2 x USB2.0	2 x USB2.0	3 x USB2.0	3 x USB2.0
	<b>Alarm I/O</b>	N/A	N/A	N/A	4/1	4/1
	<b>Power Supply</b>	48V/1.35A	12V DC, 1.5A	12V DC, 1.5A	12V DC, 2A	12V DC, 2A
<b>Other</b>	<b>Power Consumption</b>	≤9W (without HDD)	≤5W (without HDD)	≤5W (without HDD)	≤5W (without HDD)	≤5W (without HDD)
	<b>Working Environment</b>	-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
	<b>Dimensions(W×D×H)</b>	205mm*205mm*45mm (8.07" × 8.07" × 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" × 9.4" × 1.7")	260mm × 240mm × 44mm (10.2" × 9.4" × 1.7")
	<b>Weight(Without HDD)</b>	0.55kg	≤1kg	≤1kg	≤1.1kg	≤1.1kg





Easy Series					
Model		NVR301-16E	NVR301-04-P4	NVR301-08-P8	NVR301-16-P8
<b>Appearance</b>					
<b>Video/Audio Input</b>	<b>IP Video Input</b>	16-ch	4-ch	8-ch	16-ch
	<b>Analog Video Input</b>	N/A	N/A	N/A	N/A
	<b>Input Bandwidth</b>	80 Mbps	40 Mbps	60 Mbps	60 Mbps
	<b>Audio Input</b>	1-ch	1-ch	1-ch	1-ch
<b>Video/Audio Output</b>	<b>HDMI</b>	1	1	1	1
	<b>VGA</b>	1	1	1	1
	<b>Audio Output</b>	1-ch, RCA	1	1	1
	<b>Outgoing Bandwidth</b>	80 Mbps	64 Mbps	64 Mbps	80 Mbps
	<b>Decoding Capability</b>	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
<b>Storage</b>	<b>HDD</b>	1 SATA interface	1 SATA interfaces	1 SATA interfaces	1 SATA interfaces
	<b>Network Interface</b>	1 x RJ45 100M	1 x RJ45 100M	1 x RJ45 100M	1 x RJ45 100M
<b>External Interface</b>	<b>PoE</b>	N/A	4 x PoE+	8 x PoE+	8 x PoE+
	<b>Serial Interface</b>	N/A	N/A	N/A	N/A
	<b>USB Interface</b>	3 x USB2.0	3 x USB2.0	3 x USB2.0	3 x USB2.0
	<b>Alarm I/O</b>	4/1	4/1	4/1	4/1
	<b>Power Supply</b>	12V DC, 2A	48V DC, 1.25A	52V DC, 1.8A	52V DC, 1.8A
<b>Other</b>	<b>Power Consumption</b>	≤5W (without HDD)	≤5W (without HDD)	≤5W (without HDD)	≤5W (without HDD)
	<b>Working Environment</b>	-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
	<b>Dimensions(W×D×H)</b>	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")
	<b>Weight(Without HDD)</b>	≤1.1kg	≤0.98kg	≤1.03kg	≤1.03kg

## Easy Series





Easy Series					
Model		NVR301-04L-P4	NVR301-08L-P8	NVR301-16L-P8	NVR301-08LX-P8
<b>Appearance</b>					
<b>Video/Audio Input</b>	<b>IP Video Input</b>	4-ch	8-ch	16-ch	8-ch
	<b>Analog Video Input</b>	N/A	N/A	N/A	N/A
	<b>Input Bandwidth</b>	40 Mbps	60 Mbps	60 Mbps	80 Mbps
	<b>Audio Input</b>	1-ch	1-ch	1-ch	1-ch
<b>Video/Audio Output</b>	<b>HDMI</b>	1	1	1	1
	<b>VGA</b>	1	1	1	1
	<b>Audio Output</b>	1	1	1	1
	<b>Outgoing Bandwidth</b>	64 Mbps	64 Mbps	80 Mbps	64 Mbps
	<b>Decoding Capability</b>	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	8-ch@1080P 2-ch@8MP*
<b>Storage</b>	<b>HDD</b>	1 SATA interfaces	1 SATA interfaces	1 SATA interfaces	1 SATA interface
	<b>Network Interface</b>	1 x RJ45 100M	1 x RJ45 100M	1 x RJ45 100M	1 x RJ45 100M
<b>External Interface</b>	<b>PoE</b>	4 x PoE+	8 x PoE+	8 x PoE+	8 x PoE+
	<b>Serial Interface</b>	N/A	N/A	N/A	N/A
	<b>USB Interface</b>	2 x USB2.0	2 x USB2.0	2 x USB2.0	1 x USB2.0 1 x USB3.0
	<b>Alarm I/O</b>	N/A	N/A	N/A	N/A
	<b>Power Supply</b>	48V DC, 1.25A	52V DC, 1.8A	52V DC, 1.8A	52V DC, 1.8A
<b>Other</b>	<b>Power Consumption</b>	≤5W (without HDD)	≤5W (without HDD)	≤5W (without HDD)	≤9W (without HDD)
	<b>Working Environment</b>	-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
	<b>Dimensions(W×D×H)</b>	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")	270mm × 205mm × 47mm (10.6" × 8.1" × 1.9")
	<b>Weight(Without HDD)</b>	≤0.59kg	≤0.68kg	≤0.68kg	0.7 kg







## Easy Series

Model		NVR301-08X-P8	NVR301-04LX-P4	NVR301-04X-P4	NVR301-04X
<b>Appearance</b>					
<b>Video/Audio Input</b>	<b>IP Video Input</b>	8-ch	4-ch	4-ch	4-ch
	<b>Analog Video Input</b>	N/A	N/A	N/A	N/A
	<b>Input Bandwidth</b>	80 Mbps	80 Mbps	80 Mbps	64 Mbps
	<b>Audio Input</b>	1-ch	1-ch	1-ch	1-ch
<b>Video/Audio Output</b>	<b>HDMI</b>	1	1	1	1
	<b>VGA</b>	1	1	1	1
	<b>Audio Output</b>	1	1	1	1
	<b>Outgoing Bandwidth</b>	64 Mbps	64 Mbps	64 Mbps	64 Mbps
	<b>Decoding Capability</b>	8-ch@1080P 2-ch@8MP	8-ch@1080P 2-ch@8MP	8-ch@1080P 2-ch@8MP	8-ch@1080P 2-ch@8MP
<b>Storage</b>	<b>HDD</b>	1 SATA interface	1 SATA interface	1 SATA interface	1 SATA interface
<b>External Interface</b>	<b>Network Interface</b>	1 x RJ45 100M	1 x RJ45 100M	1 x RJ45 100M	1 x RJ45 100M
	<b>PoE</b>	8 x PoE+	4 x PoE+	4 x PoE+	N/A
	<b>Serial Interface</b>	N/A	N/A	N/A	N/A
	<b>USB Interface</b>	1x USB2.0 1 x USB3.0	1x USB2.0 1 x USB3.0	1x USB2.0 1 x USB3.0	1x USB2.0 1 x USB3.0
	<b>Alarm I/O</b>	N/A	N/A	N/A	N/A
<b>Other</b>	<b>Power Supply</b>	52V DC, 1.8A	52V DC, 1.8A	52V DC, 1.8A	52V DC, 1.8A
	<b>Power Consumption</b>	≤9W (without HDD)	≤9W (without HDD)	≤9W (without HDD)	≤9W (without HDD)
	<b>Working Environment</b>	-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
	<b>Dimensions(W×D×H)</b>	270mm × 205mm × 47mm (10.6"×8.1"×1.9")	270mm × 205mm × 47mm (10.6"×8.1"×1.9")	270mm × 205mm × 47mm (10.6"×8.1"×1.9")	270mm × 205mm × 47mm (10.6"×8.1"×1.9")
	<b>Weight(Without HDD)</b>	0.7 kg	0.7 kg	0.7 kg	0.7 kg





## Easy Series

Model		NVR301-08X	NVR301-16X	NVR302-09S	NVR302-16S
<b>Appearance</b>					
<b>Video/Audio Input</b>	<b>IP Video Input</b>	8-ch	16-ch	9-ch	16-ch
	<b>Analog Video Input</b>	N/A	N/A	N/A	N/A
	<b>Input Bandwidth</b>	64 Mbps	64 Mbps	160Mbps	160Mbps
	<b>Audio Input</b>	1-ch	1-ch	1-ch	1-ch
<b>Video/Audio Output</b>	<b>HDMI</b>	1	1	1	1
	<b>VGA</b>	1	1	1	1
	<b>Audio Output</b>	1	1	1	1
	<b>Outgoing Bandwidth</b>	64 Mbps	64 Mbps	72Mbps	96 Mbps
	<b>Decoding Capability</b>	8-ch@1080P 2-ch@8MP	8-ch@1080P 2-ch@8MP	9-ch@D1 8-ch@720P 4-ch@1080P 1-ch@8MP	16-ch@D1 8-ch@720P 4-ch@1080P 1-ch@8MP
<b>Storage</b>	<b>HDD</b>	1 SATA interface	1 SATA interface	2 SATA interface	2 SATA interface
<b>External Interface</b>	<b>Network Interface</b>	1 x RJ45 100M	1 x RJ45 100M	1 x RJ45 1000M	1 x RJ45 1000M
	<b>PoE</b>	N/A	N/A	N/A	N/A
	<b>Serial Interface</b>	N/A	N/A	N/A	N/A
	<b>USB Interface</b>	1x USB2.0 1 x USB3.0	1x USB2.0 1 x USB3.0	2x USB2.0	2 x USB2.0
	<b>Alarm I/O</b>	N/A	N/A	N/A	N/A
<b>Other</b>	<b>Power Supply</b>	52V DC, 1.8A	52V DC, 1.8A	12V DC, 2A	12V DC, 2A
	<b>Power Consumption</b>	≤9W (without HDD)	≤9W (without HDD)	≤9W (without HDD)	≤9W (without HDD)
	<b>Working Environment</b>	-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
	<b>Dimensions(W×D×H)</b>	270mm × 205mm × 47mm (10.6"×8.1"×1.9")	270mm × 205mm × 47mm (10.6"×8.1"×1.9")	380mm×315mm×49mm (15.0"×12.4"×1.9")	380mm×315mm×49mm (15.0"×12.4"×1.9")
	<b>Weight(Without HDD)</b>	0.7 kg	0.7 kg	≤1.6kg	≤1.6kg

## Easy Series

Model		NVR302-08S-P8	NVR302-16S-P8	NVR302-16S-P16	NVR302-32S
<b>Appearance</b>					
<b>Video/Audio Input</b>	<b>IP Video Input</b>	8-ch	16-ch	16-ch	32-ch
	<b>Analog Video Input</b>	N/A	N/A	N/A	N/A
	<b>Input Bandwidth</b>	80 Mbps	160 Mbps	160 Mbps	160 Mbps
	<b>Audio Input</b>	1-ch	1-ch	1-ch	1-ch
<b>Video/Audio Output</b>	<b>HDMI</b>	1	1	1	1
	<b>VGA</b>	1	1	1	1
	<b>Audio Output</b>	1	1	1	1
	<b>Outgoing Bandwidth</b>	96 Mbps	96 Mbps	96 Mbps	64 Mbps
	<b>Decoding Capability</b>	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"
<b>Storage</b>	<b>HDD</b>	2 SATA interface	2 SATA interface	2 SATA interface	2 SATA interface
<b>External Interface</b>	<b>Network Interface</b>	1 x RJ45 1000M	1 x RJ45 1000M	1 x RJ45 1000M	2 x RJ45 1000M
	<b>PoE</b>	8 x PoE+	8 x PoE+	16 x PoE+	N/A
	<b>Serial Interface</b>	N/A	N/A	N/A	N/A
	<b>USB Interface</b>	2 x USB2.0	2 x USB2.0	2 x USB2.0	2 x USB2.0 1 x USB3.0
	<b>Alarm I/O</b>	4/1	4/1	4/1	N/A
<b>Other</b>	<b>Power Supply</b>	52V DC, 2.5A	52V DC, 4.6A	52V DC, 4.6A	12V DC, 3.3A
	<b>Power Consumption</b>	≤9W (without HDD)	≤9W (without HDD)	≤9W (without HDD)	≤15W (without HDD)
	<b>Working Environment</b>	-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
	<b>Dimensions(W×D×H)</b>	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")
	<b>Weight(Without HDD)</b>	≤1kg	≤1kg	≤1kg	≤2.48kg

## Easy Series

Model		NVR302-08S2-P8	NVR302-16S2-P16	NVR304-16S	NVR304-32S
<b>Appearance</b>					
<b>Video/Audio Input</b>	<b>IP Video Input</b>	8-ch	16-ch	16-ch	32-ch
	<b>Analog Video Input</b>	N/A	N/A	N/A	N/A
	<b>Input Bandwidth</b>	160 Mbps	160 Mbps	160 Mbps	160 Mbps
	<b>Audio Input</b>	1-ch	1-ch	1-ch	1-ch
<b>Video/Audio Output</b>	<b>HDMI</b>	1	1	1	1
	<b>VGA</b>	1	1	1	1
	<b>Audio Output</b>	1	1	1	1
	<b>Outgoing Bandwidth</b>	64 Mbps	64 Mbps	64 Mbps	64 Mbps
	<b>Decoding Capability</b>	32-ch@D1 16-ch@720P 8-ch@1080P 2-ch@8MP"	32-ch@D1 16-ch@720P 8-ch@1080P 2-ch@8MP"	16-ch@720P 8-ch@1080P 2-ch@8MP"	32-ch@D1 16-ch@720P 8-ch@1080P 2-ch@8MP"
<b>Storage</b>	<b>HDD</b>	2 SATA interface	2 SATA interface	4 SATA interface	4 SATA interface
<b>External Interface</b>	<b>Network Interface</b>	1 x RJ45 1000M	1 x RJ45 1000M	2 x RJ45 1000M	2 x RJ45 1000M
	<b>PoE</b>	8 x PoE+	16 x PoE+	N/A	N/A
	<b>Serial Interface</b>	N/A	N/A	N/A	N/A
	<b>USB Interface</b>	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
	<b>Alarm I/O</b>	N/A	N/A	N/A	N/A
<b>Other</b>	<b>Power Supply</b>	12V DC, 3.3A	12V DC, 3.3A	12V DC, 5A	12V DC, 5A
	<b>Power Consumption</b>	≤15W (without HDD)	≤15W (without HDD)	≤15W (without HDD)	≤15W (without HDD)
	<b>Working Environment</b>	-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
	<b>Dimensions(W×D×H)</b>	380mm×315mm×49mm (15.0"×12.4"×1.9")	380mm×315mm×49mm (15.0"×12.4"×1.9")	440mm × 344mm × 44mm (17.3" × 13.5" × 1.7")	440mm × 344mm × 44mm (17.3" × 13.5" × 1.7")
	<b>Weight(Without HDD)</b>	≤2.48kg	≤2.48kg	≤3.15kg	≤3.15kg






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
<b>Appearance</b>			
<b>Type</b>	PoE Kit	PoE Kit	PoE Kit
<b>IPC</b>	4 * IPC2122LR3-PF40-D	4 * IPC2122LR3-PF40M-D	4 * IPC2122LR3-PF40M-D
<b>Resolution</b>	1920×1080 25fps	1920×1080 25fps	1920×1080 25fps
<b>Lens</b>	Focus: 4mm Iris: F2.0 Angle of view: 112.7°/86.5°	Focus: 4mm Iris: F2.0 Angle of view: 112.7°/86.5°	Focus: 4mm Iris: F2.0 Angle of view: 112.7°/86.5°
<b>IR</b>	Up to 30m (98ft)	Up to 30m (98ft)	Up to 30m (98ft)
<b>NVR</b>	1 * NVR301-04LB-P4	1 * NVR301-04LB-P4	1 * NVR301-04B-P4
<b>Video Input</b>	4	4	4
<b>Input Bandwidth</b>	40Mbps	40Mbps	40Mbps
<b>POE</b>	4 x PoE+	4 x PoE+	4 x PoE+
<b>Decoding Capacity</b>	4-ch@720P 4-ch@1080P	4-ch@720P 4-ch@1080P	4-ch@720P 4-ch@1080P

Model	KIT/301-08LB-P8/4*2122LR3-PF40M-D	KIT/301-08LB-P8/8*2122LR3-PF40M-D	KIT/301-04LB-P4/4*3612LR3-PF28-D
<b>Appearance</b>			
<b>Type</b>	PoE Kit	PoE Kit	PoE Kit
<b>IPC</b>	4 * IPC2122LR3-PF40M-D	8 * IPC2122LR3-PF40M-D	4 * IPC3612LR3-PF28-D
<b>Resolution</b>	1920×1080 25fps	1920×1080 25fps	1920×1080 25fps
<b>Lens</b>	Focus: 4mm Iris: F2.0 Angle of view: 112.7°/86.5°	Focus: 4mm Iris: F2.0 Angle of view: 112.7°/86.5°	Focus: 2.8mm Iris: F2.0 Angle of view (H): 112.7°/86.5°
<b>IR</b>	Up to 30m (98ft)	Up to 30m (98ft)	Up to 30m (98ft)
<b>NVR</b>	1 * NVR301-08LB-P8	1 * NVR301-08LB-P8	1 * NVR301-04LB-P4
<b>Video Input</b>	8	8	4
<b>Input Bandwidth</b>	40Mbps	40Mbps	40Mbps
<b>POE</b>	8 x PoE+	8 x PoE+	4 x PoE+
<b>Decoding Capacity</b>	4-ch@720P 4-ch@1080P	4-ch@720P 4-ch@1080P	4-ch@720P 4-ch@1080P






Kit				
Model	KIT/301-08LB-P8/4*3612LR3-PF28-D	KIT/301-04LB-P4/4*322LR3-VSPF28-D	KIT/301-08LB-P8/4*322LR3-VSPF28-D	KIT/301-04LB-P4/4*2122LR3-PF40-E
<b>Appearance</b>				
<b>Type</b>	PoE Kit	PoE Kit	PoE Kit	PoE Kit
<b>IPC</b>	4 * IPC3612LR3-PF28-D	4 * IPC322LR3-VSPF28-D	4 * IPC322LR3-VSPF28-D	4*2122LR3-PF40-E
<b>Resolution</b>	1920×1080 25fps	1920×1080 25fps	1920×1080 25fps	1920×1080 25fps
<b>Lens</b>	Focus: 2.8mm Iris: F2.0 Angle of view (H): 112.7°/86.5°	Focus: 2.8mm Iris: F2.0 Angle of view (H): 112.7°/86.5°	Focus: 2.8mm Iris: F2.0 Angle of view (H): 112.7°/86.5°	Focus: 4mm Iris: F2.0 Angle of view (H): 86.5°
<b>IR</b>	Up to 30m (98ft)	Up to 30m (98ft)	Up to 30m (98ft)	Up to 30m (98ft)
<b>NVR</b>	1 * NVR301-08LB-P8	1 * NVR301-04LB-P4	1 * NVR301-08LB-P8	1*301-04LB-P4
<b>Video Input</b>	8	4	8	4
<b>Input Bandwidth</b>	40Mbps	40Mbps	40Mbps	40Mbps
<b>POE</b>	8 x PoE+	4 x PoE+	8 x PoE+	4 x PoE+
<b>Decoding Capacity</b>	4-ch@720P 4-ch@1080P	4-ch@720P 4-ch@1080P	4-ch@720P 4-ch@1080P	4-ch@720P 4-ch@1080P

WIFI Kit			
Model	KIT/301-04LB-W/4*2122SR3-F40W-D	KIT/301-04LB-W/4*322SR3-VSF28W-D	KIT/NVR301-04LS2-W/4*IPC2122LR3-F40W-E
<b>Appearance</b>			
<b>Type</b>	WIFI Kit	WIFI Kit	WIFI Kit
<b>IPC</b>	4 * IPC2122SR3-F40W-D	4 * IPC322SR3-VSF28W-D	4*IPC2122LR3-F40W-E
<b>Resolution</b>	1920×1080 20fps	1920×1080 20fps	2560×1440 15fps
<b>Lens</b>	Focus: 4mm Iris: F2.0 Angle of view: 112.7°/86.5°	Focus: 2.8mm Iris: F2.0 Angle of view (H): 112.7°/86.5°	Focus: 4mm Iris: F2.0 Angle of view: 86.5°/44.1°
<b>IR</b>	Up to 30m (98ft)	Up to 30m (98ft)	Up to 30m (98ft)
<b>NVR</b>	1* NVR301-04LB-W	1* NVR301-04LB-W	NVR301-04LS2-W
<b>Video Input</b>	4	4	4
<b>Input Bandwidth</b>	40Mbps	40Mbps	40Mbps
<b>Wifi</b>	2.4GHz/IEEE 802.11b/g/n	2.4GHz/IEEE 802.11b/g/n	2.4GHz/IEEE 802.11b/g/n
<b>Decoding Capacity</b>	4-ch@720P 4-ch@1080P	4-ch@720P 4-ch@1080P	2-ch@4MP 4-ch@1080P






### Hybrid Series

Model Name		NVR301-04Q	NVR301-08Q	NVR302-08Q	NVR302-08U	NVR302-16Q
<b>Appearance</b>						
<b>Video/Audio Input</b>	<b>IP Video Input</b>	2-ch	4-ch	4-ch	8-ch	8-ch
	<b>Analog Video Input</b>	4-ch	8-ch	8-ch	8-ch	16-ch
	<b>Input Bandwidth</b>	48 Mbps	56 Mbps	56 Mbps	80 Mbps	72 Mbps
	<b>Audio Input</b>	1-ch, RCA	1-ch, RCA	1-ch, RCA	4-ch, RCA	1-ch, RCA
<b>Video/Audio Output</b>	<b>HDMI</b>	1	1	1	1	1
	<b>VGA</b>	1	1	1	1	1
	<b>Audio Output</b>	1-ch, RCA	1-ch, RCA	1-ch, RCA	1-ch, RCA	1-ch, RCA
	<b>Outgoing Bandwidth</b>	60 Mbps	64 Mbps	64 Mbps	64 Mbps	80 Mbps
<b>Encoding</b>	<b>Recording Frame Rate</b>	Main stream: 8MP Lite@8fps(channel1) 5MP Lite@12fps 4MP Lite@15fps 3MP@15fps(channel1) 2MP@15fps 720P@30fps Sub stream: D1@30fps(Max)	Main stream: 8MP Lite@8fps(channel1-channel2) 5MP Lite@12fps 4MP Lite@15fps 3MP@15fps(channel1 - channel2) 2MP@15fps 720P@30fps Sub stream: D1@30fps(Max)	Main stream: 8MP Lite@8fps(channel1-channel2) 5MP Lite@12fps 4MP Lite@15fps 3MP@15fps(channel1 - channel2) 2MP@15fps 720P@30fps Sub stream: D1@30fps(Max)	Main stream: 8MP Lite@8fps 5MP@12fps 4MP Lite@15fps 3MP@18fps 2MP@25fps 720P@30fps Sub stream: D1@30fps(Max)	Main stream: 8MP Lite@8fps 5MP@12fps 4MP Lite@15fps 3MP@15fps(channel1 - channel4) 2MP@15fps 720P@30fps Sub stream: D1@30fps(Max)
<b>Storage</b>	<b>HDD</b>	1 SATA interface	1 SATA interface	2 SATA interface	2 SATA interface	2 SATA interface
<b>External Interface</b>	<b>Network Interface</b>	1 x RJ45 100M	1 x RJ45 100M	1 x RJ45 100M	1 x RJ45 1000M	1 x RJ45 1000M
	<b>PoE</b>	N/A	N/A	N/A	N/A	N/A
	<b>Serial Interface</b>	N/A	N/A	1 x RS485	1 x RS485	1 x RS485
	<b>USB Interface</b>	2 x USB2.0	2 x USB2.0	2 x USB2.0	2 x USB2.0	2 x USB2.0
	<b>Alarm I/O</b>	N/A	N/A	N/A	N/A	N/A
<b>Other</b>	<b>Power Supply</b>	12V DC	12V DC	12V DC	12V DC	12V DC
	<b>Power Consumption</b>	≤ 8 W (without HDD)	≤ 8 W (without HDD)	≤ 8W (without HDD)	≤ 12W (without HDD)	≤ 12W (without HDD)
	<b>Working Environment</b>	-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
	<b>Dimensions(W×D×H)</b>	260mm×240mm×46mm (10.2"×9.4"×1.8")	260mm×240mm×46mm (10.2"×9.4"×1.8")	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"×1.8")
	<b>Weight(Without HDD)</b>	≤1.1 Kg	≤1.1 Kg	≤1.9kg	≤1.9kg	≤1.9kg






### Prime Series


Model		NVR302-09E-B	NVR302-16E-B	NVR302-08E-P8-B	NVR302-16E-P8-B	NVR302-16E-P16-B
<b>Appearance</b>						
<b>Video/Audio Input</b>	<b>IP Video Input</b>	9-ch	16-ch	8-ch	16-ch	16-ch
	<b>Analog Video Input</b>	N/A	N/A	N/A	N/A	N/A
	<b>Input Bandwidth</b>	320 Mbps	320 Mbps	320 Mbps	320 Mbps	320 Mbps
	<b>Audio Input</b>	1-ch	1-ch	1-ch	1-ch	1-ch
<b>Video/Audio Output</b>	<b>HDMI</b>	1	1	1	1	1
	<b>VGA</b>	1	1	1	1	1
	<b>Audio Output</b>	1	1	1	1	1
	<b>Outgoing Bandwidth</b>	180Mbps	320Mbps	160 Mbps	320 Mbps	320 Mbps
	<b>Decoding Capability</b>	16-ch@1080P 4-ch@8MP	16-ch@1080P 4-ch@8MP	8-ch@1080P 4-ch@8MP	16-ch@1080P 4-ch@8MP	16-ch@1080P 4-ch@8MP
<b>Storage</b>	<b>HDD</b>	2 SATA interface	2 SATA interface	2 SATA interfaces	2 SATA interfaces	2 SATA interfaces
<b>External Interface</b>	<b>Network Interface</b>	2 x RJ45 1000M	2 x RJ45 1000M	1 x RJ45 1000M	1 x RJ45 1000M	1 x RJ45 1000M
	<b>PoE</b>	N/A	N/A	8 x PoE+	8 x PoE+	16 x PoE+
	<b>Serial Interface</b>	1 x RS-485	1 x RS-485	N/A	N/A	N/A
	<b>USB Interface</b>	2 x USB2.0 1 x USB3.0	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
	<b>Alarm I/O</b>	8/2	8/2	4/1	4/1	4/1
<b>Other</b>	<b>Power Supply</b>	12V DC,3.3A	12V DC,3.3A	100 ~ 240V AC	100 ~ 240V AC	100 ~ 240V AC
	<b>Power Consumption</b>	≤20W (without HDD)	≤20W (without HDD)	≤20W (without HDD)	≤20W (without HDD)	≤20W (without HDD)
	<b>Working Environment</b>	-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
	<b>Dimensions(W×D×H)</b>	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")	380mm×315mm×46mm (15.0"×12.4"×1.8")
	<b>Weight(Without HDD)</b>	≤2.48kg	≤2.48kg	≤2.48kg	≤2.48kg	≤2.48kg



## Prime Series

Model	NVR304-16E-B	NVR304-32E-B	NVR304-16EP-B	NVR304-32EP-B	NVR308-16E-B	
<b>Appearance</b>						
<b>Video/Audio Input</b>	<b>IP Video Input</b>	16-ch	32-ch	16-ch	32-ch	16-ch
	<b>Analog Video Input</b>	N/A	N/A	N/A	N/A	N/A
	<b>Input Bandwidth</b>	320 Mbps	320 Mbps	320 Mbps	320 Mbps	320 Mbps
	<b>Audio Input</b>	1-ch	1-ch	1-ch	1-ch	1-ch
<b>Video/Audio Output</b>	<b>HDMI</b>	2	2	2	2	2
	<b>VGA</b>	1	1	1	1	1
	<b>Audio Output</b>	1	1	1	1	1
	<b>Outgoing Bandwidth</b>	320 Mbps	320 Mbps	320 Mbps	320 Mbps	320 Mbps
	<b>Decoding Capability</b>	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	16-ch@1080P 4-ch@8MP
<b>Storage</b>	<b>HDD</b> 4 SATA interfaces	4 SATA interfaces	4 SATA interfaces	4 SATA interfaces	8 SATA interfaces 1 eSATA interface	
<b>External Interface</b>	<b>Network Interface</b>	2 x RJ45 1000M	2 x RJ45 1000M	1 x RJ45 1000M	1 x RJ45 1000M	2 x RJ45 1000M
	<b>PoE</b>	N/A	N/A	16 x PoE+	16 x PoE+	N/A
	<b>Serial Interface</b>	1 x RS-485	1 x RS-485	1 x RS-485	1 x RS-485	1 x RS-232 1 x RS-485
	<b>USB Interface</b>	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
	<b>Alarm I/O</b>	16/4	16/4	16/4	16/4	16/4
<b>Other</b>	<b>Power Supply</b>	12V DC, 5A	12V DC, 5A	100 ~ 240V AC	100 ~ 240V AC	100 ~ 240V AC
	<b>Power Consumption</b>	≤12W (without HDD)	≤12W (without HDD)	≤12W (without HDD)	≤12W (without HDD)	≤20W (without HDD)
	<b>Working Environment</b>	-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
	<b>Dimensions(W×D×H)</b>	440mm×344mm×44mm (17.3"×13.5"×1.7")	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")
	<b>Weight(Without HDD)</b>	≤3.2kg	≤3.2kg	≤5.2kg	≤5.2kg	≤5.2kg

## Prime Series

Model	NVR308-32E-B	NVR308-64E-B	NVR308-32R-B	NVR308-64R-B	NVR316-32R-B	
<b>Appearance</b>						
<b>Video/Audio Input</b>	<b>IP Video Input</b>	32-ch	64-ch	32-ch	64-ch	32-ch
	<b>Analog Video Input</b>	N/A	N/A	N/A	N/A	N/A
	<b>Input Bandwidth</b>	320 Mbps	320 Mbps	320 Mbps	320 Mbps	320 Mbps
	<b>Audio Input</b>	1-ch	1-ch	1-ch	1-ch	1-ch
<b>Video/Audio Output</b>	<b>HDMI</b>	2	2	2	2	2
	<b>VGA</b>	1	1	1	1	1
	<b>Audio Output</b>	1	1	1	1	1
	<b>Outgoing Bandwidth</b>	320 Mbps	320 Mbps	320 Mbps	320 Mbps	320 Mbps
	<b>Decoding Capability</b>	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	32-ch@720P 16-ch@1080P 4-ch@8MP
<b>Storage</b>	<b>HDD</b> 8 SATA interfaces 1 eSATA interface	8 SATA interfaces 1 eSATA interface	8 SATA interfaces 1 eSATA interface	8 SATA interfaces 1 eSATA interface	16 SATA interfaces 1 eSATA interface	
<b>External Interface</b>	<b>Network Interface</b>	2 x RJ45 1000M	2 x RJ45 1000M	2 x RJ45 1000M	2 x RJ45 1000M	2 x RJ45 1000M
	<b>PoE</b>	N/A	N/A	N/A	N/A	N/A
	<b>Serial Interface</b>	1 x RS-232 1 x RS-485	1 x RS-232 1 x RS-485	1 x RS-232 1 x RS-485	1 x RS-232 1 x RS-485	1 x RS-232 1 x RS-485
	<b>USB Interface</b>	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
	<b>Alarm I/O</b>	16/4	16/4	16/4	16/4	16/10
<b>Other</b>	<b>Power Supply</b>	100 ~ 240V AC	100 ~ 240V AC	100 ~ 240V AC	100 ~ 240V AC	100 ~ 240V AC
	<b>Power Consumption</b>	≤20W (without HDD)	≤20W (without HDD)	≤20W (without HDD)	≤20W (without HDD)	≤23W (without HDD)
	<b>Working Environment</b>	-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
	<b>Dimensions(W×D×H)</b>	442mm×425mm×86mm (17.4"×16.7"×3.4")	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")
	<b>Weight(Without HDD)</b>	≤5.2kg	≤5.2kg	≤7.8kg	≤7.8kg	≤8.19kg

Prime Series		
Model	NVR316-64R-B	
Appearance		
Video/Audio Input	IP Video Input	64-ch
	Analog Video Input	N/A
	Input Bandwidth	320 Mbps
	Audio Input	1-ch
Video/Audio Output	HDMI	2
	VGA	1
	Audio Output	1
	Outgoing Bandwidth	320 Mbps
	Decoding Capability	64-ch@D1 32-ch@720P 16-ch@1080P 4-ch@8MP
Storage	HDD	16 SATA interfaces 1 eSATA interface
	Network Interface	2 x RJ45 1000M
External Interface	PoE	N/A
	Serial Interface	1 x RS-232 1 x RS-485
	USB Interface	2 x USB2.0 1 x USB3.0
	Alarm I/O	16/10
	Power Supply	100 ~ 240V AC
Other	Power Consumption	≤23W (without HDD)
	Working Environment	-10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH
	Dimensions(W×D×H)	477.1mm×481.6mm×130.5mm (18.78"×18.96"×5.14")
	Weight(Without HDD)	≤ 8.19kg



Pro Series			
Model	NVR516-64	NVR516-128	
Appearance			
Video/Audio Input	IP Video Input	64-ch	128-ch
	Input Bandwidth	384 Mbps	512 Mbps
	Audio Input	1-ch	1-ch
Video/Audio Output	HDMI	2	2
	VGA	1	1
	Audio Output	1	1
	Outgoing Bandwidth	384 Mbps	384 Mbps
	Decoding Capability	64-ch@D1 36-ch@720P 18-ch@1080P 9-ch@4MP 4-ch@4K	64-ch@D1 36-ch@720P 18-ch@1080P 9-ch@4MP 4-ch@4K
Storage	HDD	16 SATA interfaces 1 eSATA interface	16 SATA interfaces 1 eSATA interface
	Network Interface	4 x RJ45 1000M 2 x RJ45 1000M SFP	4 x RJ45 1000M 2 x RJ45 1000M SFP
External Interface	PoE	N/A	N/A
	Serial Interface	1 x RS232 1 x RS485	1 x RS232 1 x RS485
	USB Interface	4 x USB3.0	4 x USB3.0
	Alarm I/O	24/8	24/8
	Power Supply	100 ~ 240V AC	100 ~ 240V AC
Other	Power Consumption	≤50W (without HDD)	≤50W (without HDD)
	Working Environment	-10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH	-10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH
	Dimensions(W×D×H)	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
	Decode Card	FB-HDMI4-C-NB FB-HDMI6-C-NB	FB-HDMI4-C-NB FB-HDMI6-C-NB
Disk Enclosure	DEU1008-IN/DEU1016	DEU1008-IN/DEU1016	

## VMS

UNV VMS products are powerful and highly reliable video surveillance management platforms which offer a comprehensive solution by connecting with other UNV products including IP camera, NVR, decoder, network keyboard, etc. They are compatible with ONVIF-compliant IP cameras and open to integrate with other systems. UNV VMS products have been widely used in various scenarios such as public security, finance, transportation, electric power, energy, education, and healthcare, and in diverse scenarios including large parks and buildings.



## VMS






Item		Unicorn	VMS-B800-A
Appearance			
Video management	Number of connected cameras per server	1,000 devices or 2,000 channels	2,000 devices or 10,000 channels
	Device management	IPC, NVR, network keyboard, cloud devices, alarm control panels, access control, smart devices, decoder (built-in, expanded)	IPC, NVR, network keyboard, cloud devices, alarm control panels, access control, smart devices, decoder
	Numbers of online users	300	1,000
	Numbers of roles per user	16	16
	Number of mobile clients	64	64
	Bandwidth of video input per server	512Mbps	1024Mbps
Decoding	Bandwidth of video output per server	384Mbps	1536Mbps
	Video compression	Ultra265, H.265, H.264	Ultra265, H.265, H.264
Storage	Decoding	4×4K@30, 16×1080p@30, 36×720p@30, 64×D1	N/A
	Decoding card (optional)	Max 2 cards supported; models: HDMI4-C and HDMI6-C	N/A
Storage	HDD installation	Hot-swappable HDDs; Support 16 HDDs (3.5", up to 14TB for each)	N/A
	Bandwidth of video storage per server	512Mbps	N/A
	Disk enclosure (optional)	Max 2 disk enclosures supported; models: DEU1008 and DEU1016	N/A
Play control	HDD installation	Hot-swappable HDDs; Support 16 HDDs (3.5", up to 14TB for each)	N/A
	Bandwidth of video storage per server	512Mbps	N/A
	Disk enclosure (optional)	Max 2 disk enclosures supported; models: DEU1008 and DEU1016	N/A
Playback	Play control	1 / 3 / 4 / 5 / 6 / 7 / 8 / 9 / 10 / 13 / 16 / 17 / 25 / 32 / 36 / 64 window display Corridor format Up to 3 auxiliary monitors	1 / 3 / 4 / 5 / 6 / 7 / 8 / 9 / 10 / 13 / 16 / 17 / 25 / 32 / 36 / 64 window display Corridor format Up to 3 auxiliary monitors
	Playback	Play NVR recordings Synchronous playback up to 16 channels for single client; up to 24 channels for multiple clients Speed: -256, -128, -64, -32, -16, -8, -4, -2, -1, 1/4, 1/2, 1, 2, 4, 8, 16, 32, 64, 128, 256	Play NVR recordings Synchronous playback up to 16 channels on single client Speed: -256, -128, -64, -32, -16, -8, -4, -2, -1, 1/4, 1/2, 1, 2, 4, 8, 16, 32, 64, 128, 256
	Interface	Network USB HDMI VGA Serial Alarm input/output Power supply Expansion	4×10M/100M/1000M Base-T adaptive Ethernet interfaces; 2×1000M SFP optical interfaces 4×USB3.0 2×HDMI 1×VGA 1×RS232 (RJ45), 1×RS485 (RJ45) 24×alarm inputs, 8×alarm outputs 100-240V AC, with power switch 1×power module; 1×eSATA interface; 2×miniSAS interfaces; 2×decoding cards
Others	Operation system	Linux	Linux
	Power consumption	≤ 50W (not including HDD); ≤ 165W (including HDD)	≤ 150 W
	Operating temperature	-10°C to 55°C (14°F to 131°F)	0°C to 40°C (32°F to 104°F)
	Operating humidity	10% to 90% (non-condensing)	20% to 80% RH (non-condensing)
	Weight	≤ 10.0 Kg (without HDD)	≤ 14.0 Kg
Dimensions(D×W×H)		477.1mm×481.6mm×130.5mm (18.8"×19"×5.1")	482mm×551mm×87mm (19"×21.7"×3.4")

## Professional Storage




Nebula, with high performance, high reliability, high availability, high density, high scalability and high usability, is a new-generation unified network storage developed especially for video surveillance. Integrating a wide range of features such as iSCSI storage, RAID processing, failover protection, permanent data protection and cutting-edge disk management technology, Nebula offers concurrent block access performance (iSCSI), and thus forms a comprehensive solution to storage in video surveillance.



### Single Controller



Model	VX1616-C	VX1624-C	VX1824-V2	VX1848-V2	VX3060-V2@S
<b>Appearance</b>					
<b>Controller</b>	Single	Single	Single	Single	Single
<b>Video Input</b>	Up to 320 channels /640Mbps	Up to 320 channels /640Mbps	Up to 512 channels /1024Mbps	Up to 512channels /1024Mbps	Up to 512channels /1024Mbps
<b>Front-end Service Interface</b>	3-port 10/100/1000 Mbps Ethernet interface 4-port 10/100/1000 Mbps Ethernet interface module (optional)	3-port 10/100/1000 Mbps Ethernet interface 4-port 10/100/1000 Mbps Ethernet 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)	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)	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)
<b>Back-end Expansion Interface</b>	N/A	N/A	2-port 4×12 Gbps Mini SAS HD	2-port 4×12 Gbps Mini SAS HD	2-port 4×12 Gbps Mini SAS HD
<b>RAID</b>	JBOD and RAID 0,1, 5, 6 Dedicated hot-spare disk and global hot-spare disk	JBOD and RAID 0,1, 5, 6 Dedicated hot-spare disk and global hot-spare disk	JBOD and RAID 0,1, 10, 5, 50, 6 Dedicated hot-spare disk and global hot-spare disk	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
<b>Protocol</b>	iSCSI	iSCSI	iSCSI	iSCSI	iSCSI
<b>Processor</b>	Intel 64-bit multi-core 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
<b>Memory</b>	4GB	4GB	8 GB, up to 64 GB	8 GB, up to 64 GB	8 GB, up to 64 GB
<b>HDD</b>	16 SATA interfaces	24 SATA interfaces	24 SATA interfaces	48 SATA interfaces	60 SATA interfaces
<b>Features</b>	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	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
<b>Power Supply</b>	1+1 Redundant	1+1 Redundant	1+1 Redundant	1+1 Redundant	2+1 Redundant
<b>Fan</b>	1+1 Redundant	1+1 Redundant	1+1 Redundant	1+1 Redundant	1+1 Redundant
<b>Consumption</b>	Controller enclosure: <200 W (fully configured)	Controller enclosure: <280 W (fully configured)	Controller enclosure: <350 W (fully configured)	Controller enclosure: <600 W (fully configured)	Controller enclosure: <900W (fully configured)
<b>Weight</b>	Controller enclosure: Fully configured: <24 kg	Controller enclosure: Fully configured: <32 kg	Controller enclosure: Fully configured: <43 kg	Controller enclosure: Fully configured: <60 kg	Controller enclosure: Fully configured: <93kg
<b>Dimensions(H×W×D)</b>	Controller enclosure: 131mm×481.6mm×583mm	Controller enclosure: 175.0mm×481.6mm×583.0mm	Controller enclosure: 175.0mm×481.6mm×589.0mm	Controller enclosure: 178mm×481.6mm×801mm	Controller enclosure: 178mm×482mm×981mm
<b>Disk Enclosure</b>	N/A	N/A	DE1824-V2	DE1848-V2	DE3160-V2@S

### Dual Controller

Model	VX3024-V2	VX3048-V2	VX3060-V2
<b>Appearance</b>			
<b>Controller</b>	Dual	Dual	Dual
<b>Video Input</b>	Up to 512 channels /1024Mbps	Up to 512 channels /1024Mbps	Up to 512 channels /1024Mbps
<b>Front-end Service Interface</b>	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)	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)	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)
<b>Back-end Expansion Interface</b>	4-port 4*12 Gbps Mini SAS HD	4-port 4*12 Gbps Mini SAS HD	4-port 4*12 Gbps Mini SAS HD
<b>RAID</b>	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
<b>Protocol</b>	iSCSI	iSCSI	iSCSI
<b>Processor</b>	Intel 64-bit multi-core processor	Intel 64-bit multi-core processor	Intel 64-bit multi-core processor
<b>Memory</b>	Default 16 GB (Up to 128 GB optional)	Default 16 GB (Up to 128 GB optional)	Default 16 GB (Up to 128 GB optional)
<b>HDD</b>	24 SATA/SAS/NL SAS interfaces	48 SATA/SAS/NL SAS interfaces	60 SATA/SAS/NL SAS interfaces
<b>Features</b>	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
<b>Power Supply</b>	2 default (1+1)	2 default (1+1)	3 default (2+1)
<b>Fan</b>	1+1 Redundant	1+1 Redundant	1+1 Redundant
<b>Consumption</b>	Controller enclosure: <550W (fully configured)	Controller enclosure: <700W (fully configured)	Controller enclosure: <1000W (fully configured)
<b>Weight</b>	Controller enclosure: Fully configured: <45kg	Controller enclosure: Fully configured: <68 kg	Controller enclosure: Fully configured: <96kg
<b>Dimensions(H×W×D)</b>	Controller enclosure: 175mm×482mm×589mm	Controller enclosure: 178mm×482mm×801mm	Controller enclosure: 178mm×482mm×981mm
<b>Disk Enclosure</b>	DE3124-V2	DE3148-V2	DE3160-V2



## Expansion Unit

Model	DE1824-V2	DE1848-V2	DE3124-V2
<b>Appearance</b>			
<b>Expand Interface</b>	2-port 4*12 Gbps Mini SAS HD	2-port 4*12 Gbps Mini SAS HD	4-port 4*12Gbps Mini SAS HD
<b>Management Interface</b>	2 Serial port	2 Serial port	2 Serial port
<b>HDD</b>	24HDDs	48HDDs	24HDDs
<b>Consumption</b>	250W (fully loaded)	410W (fully loaded)	270W (fully loaded)
<b>Weight</b>	Fully loaded: <38kg	Fully loaded: <60kg	Fully loaded: <40kg
<b>Dimensions (H×W×D)</b>	482mm×589mm×175mm	482mm×801mm×178mm	482.0mm×589.0mm×175.0 mm




Model	DE3148-V2	DE3160-V2	DE3160-V2@S
<b>Appearance</b>			
<b>Expand Interface</b>	4-port 4*12Gbps Mini SAS HD	4-port 4*12Gbps Mini SAS HD	2-port 4*12Gbps Mini SAS HD
<b>Management Interface</b>	2 Serial port	2 Serial port	2 Serial port
<b>HDD</b>	48HDDs	60HDDs	60HDDs
<b>Consumption</b>	450W (fully loaded)	700W (fully loaded)	700W (fully loaded)
<b>Weight</b>	Fully loaded: <61kg	Fully loaded: <92kg	Fully loaded: <90kg
<b>Dimensions (H×W×D)</b>	482.0mm×801.0mm×178.0 mm	480.6mm×981.0mm×178.0 mm	480.6mm×981.0mm×178.0 mm

## Display &amp; Control

- **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
- **Professional Video Wall Controller**  
Powerful display control and management functions



## LCD Video Wall

Model	MW-A46-B1	MW-A49-B1	MW-A55-B1
<b>Appearance</b>			
<b>Product</b>	46" LCD Video Wall	49" LCD Video Wall	55" LCD Video Wall
<b>Pixel Pitch(mm)</b>	0.53025(H)×0.17675(V)	0.559(H)×0.1865(V)	0.63(H)×0.21(V)
<b>Backlight</b>	LED	LED	LED
<b>Resolution</b>	1920×1080	1920×1080	1920×1080
<b>Bezel Width</b>	3.5mm	3.5mm	3.5mm
<b>Display Color</b>	16.7M	16.7M	16.7M
<b>Brightness</b>	500cd/m2	500cd/m2	500cd/m2
<b>Contrast</b>	1200:1	1200:1	1200:1
<b>Response Time</b>	8ms	8ms	8ms
<b>Viewing Angle</b>	178°(H) 178°(V)	178°(H) 178°(V)	178°(H) 178°(V)
<b>Signal Input</b>	1×VGA, 1×DVI, 1×HDMI, 1×USB, 1×RS-232 IN, 1×IR	1×VGA, 1×DVI, 1×HDMI, 1×USB, 1×RS-232 IN, 1×IR	1×VGA, 1×DVI, 1×HDMI, 1×USB, 1×RS-232 IN, 1×IR
<b>Signal Output</b>	1×RS-232 OUT	1×RS-232 OUT	1×RS-232 OUT
<b>Dimension(W×H×D)</b>	1022mm×577mm×125mm (40.2"×22.7"×4.9")	1078mm×608mm×124mm (42.4"×23.9"×4.9")	1214mm×685mm×126mm (47.8"×27.0"×4.9")
<b>Consumption</b>	141.6W	136W	220W
<b>Power Supply</b>	AC100-240V 50/60Hz	AC100-240V 50/60Hz	AC100-240V 50/60Hz
<b>Weight</b>	22.5kg(49.6lb)	23.5kg(51.8lb)	24.5kg(54.0lb)
<b>Work Condition</b>	0~+40°C(32°F~104°F)/20%~90%RH altitudes≤5000m	0~+40°C(32°F~104°F)/20%~90%RH altitudes≤5000m	0~+40°C(32°F~104°F)/20%~90%RH altitudes≤5000m
<b>Lifespan</b>	50000h	50000h	50000h



## LED Displays


Model	XE Series			
	MW7212-E-U	MW7214-E-U	MW7215-E-U	MW7216-E-U
<b>Appearance</b>				
<b>Product</b>	1.2mm Indoor fine pixel LED	1.4mm Indoor fine pixel LED	1.5mm Indoor fine pixel LED	1.6mm Indoor fine pixel LED
<b>Pixel Pitch</b>	1.24mm	1.45mm	1.55mm	1.67mm
<b>LED Type</b>	Surface mounted trinity LED	Surface mounted trinity LED	Surface mounted trinity LED	Surface mounted trinity LED
<b>Module Resolution(W×H)</b>	128×145	110×124	102×116	96×108
<b>Module Size(W×H)</b>	160mm×180mm (6.3"×7.1")	160mm×180mm (6.3"×7.1")	160mm×180mm (6.3"×7.1")	160mm×180mm (6.3"×7.1")
<b>Cabinet Size(W×H×D)</b>	640mm×360mm×54.5mm (25.2"×14.2"×2.1")	640mm×360mm×54.5mm (25.2"×14.2"×2.1")	640mm×360mm×54.5mm (25.2"×14.2"×2.1")	640mm×360mm×54.5mm (25.2"×14.2"×2.1")
<b>Modules/Cabinet(W×H)</b>	4×2	4×2	4×2	4×2
<b>Cabinet Resolution(W×H)</b>	512×290	440×248	408×232	384×216
<b>Cabinet Weight(pcs)</b>	6.95kg(15.3lb)	6.95kg(15.3lb)	6.95kg(15.3lb)	6.95kg(15.3lb)
<b>Cabinet Area</b>	0.2304m <sup>2</sup>	0.2304m <sup>2</sup>	0.2304m <sup>2</sup>	0.2304m <sup>2</sup>
<b>Pixel Density</b>	644444dots/m <sup>2</sup>	473790dots/m <sup>2</sup>	410833dots/m <sup>2</sup>	360000dots/m <sup>2</sup>
<b>Brightness(cd/m2)</b>	50-800(adjustable)	50-800(adjustable)	50-1500(adjustable)	50-800(adjustable)
<b>Cabinet Flatness</b>	≤0.1mm	≤0.1mm	≤0.1mm	≤0.1mm
<b>Cabinet Material</b>	Die-cast aluminum	Die-cast aluminum	Die-cast aluminum	Die-cast aluminum
<b>Viewing Angle</b>	160°(H) 140°(V)	160°(H) 140°(V)	160°(H) 140°(V)	160°(H) 140°(V)
<b>Brightness Uniformity</b>	≥97%	≥97%	≥97%	≥97%
<b>Color Uniformity</b>	≥97%	≥97%	≥97%	≥97%
<b>Contrast</b>	≥4000:1	≥4000:1	≥4000:1	≥4000:1
<b>Color Temperature</b>	3000K-10000K adjustable	3000K-10000K adjustable	3000K-10000K adjustable	3000K-10000K adjustable
<b>Refresh Rate</b>	1920~3840Hz	1920~3840Hz	1980Hz	1920~3840Hz
<b>Gray Scale Processing</b>	16bit	14bit	14bit	14bit
<b>Scanning Mode</b>	1/29 scan	1/31 scan	1/29 scan	1/27 scan
<b>Driving Mode</b>	Constant Current Driving	Constant Current Driving	Constant Current Driving	Constant Current Driving
<b>Frame Rate</b>	50/60Hz	50/60Hz	50/60Hz	50/60Hz
<b>Input Voltage</b>	AC100-240V	AC100-240V	AC100-240V	AC100-240V
<b>Input Power(avg)</b>	230W/m <sup>2</sup>	217W/m <sup>2</sup>	210W/m <sup>2</sup>	180W/m <sup>2</sup>
<b>Input Power(max)</b>	630W/m <sup>2</sup>	600W/m <sup>2</sup>	590W/m <sup>2</sup>	530W/m <sup>2</sup>
<b>Maintenance Mode</b>	Front Maintenance	Front Maintenance	Front Maintenance	Front Maintenance
<b>Power/signal Redundancy</b>	Optional	Optional	Optional	Optional
<b>LED Lifespan</b>	100000h	100000h	100000h	100000h
<b>Ingress Protection</b>	IP5X	IP5X	IP5X	IP5X
<b>Work Condition</b>	-10~+40°C(14°F~104°F)/8~85%RH	-10~+40°C(14°F~104°F)/8~85%RH	-10~+40°C(14°F~104°F)/8~85%RH	-10~+40°C(14°F~104°F)/8~85%RH
<b>Storage Condition</b>	-10~+55°C(14°F~131°F)/10~90%RH	-10~+55°C(14°F~131°F)/10~90%RH	-10~+55°C(14°F~131°F)/10~90%RH	-10~+55°C(14°F~131°F)/10~90%RH


## LED Displays





Model	XL Series				
	MW7212-E-BL-U	MW7214-E-BL-U	MW7215-E-BL-U	MW7216-E-BL-U	MW7218-E-DL-U
<b>Appearance</b>					
<b>Product</b>	1.2mm Indoor fine pixel LED	1.4mm Indoor fine pixel LED	1.5mm Indoor fine pixel LED	1.6mm Indoor fine pixel LED	1.8mm Indoor fine pixel LED
<b>Pixel Pitch</b>	1.24mm	1.45mm	1.55mm	1.67mm	1.87mm
<b>LED Type</b>	Surface mounted trinity LED	Surface mounted trinity LED	Surface mounted trinity LED	Surface mounted trinity LED	Surface mounted trinity LED
<b>Module Resolution(W×H)</b>	128×145	110×124	102×116	96×108	85×96
<b>Module Size(W×H)</b>	160mm×180mm (6.3"×7.1")	160mm×180mm (6.3"×7.1")	160mm×180mm (6.3"×7.1")	160mm×180mm (6.3"×7.1")	160mm×180mm (6.3"×7.1")
<b>Cabinet Size(W×H×D)</b>	640mm×360mm×54.5mm (25.2"×14.2"×2.1")	640mm×360mm×54.5mm (25.2"×14.2"×2.1")	640mm×360mm×54.5mm (25.2"×14.2"×2.1")	640mm×360mm×54.5mm (25.2"×14.2"×2.1")	640mm×360mm×54.5mm (25.2"×14.2"×2.1")
<b>Modules/Cabinet(W×H)</b>	4×2	4×2	4×2	4×2	4×2
<b>Cabinet Resolution(W×H)</b>	512×290	440×248	408×232	384×216	340×192
<b>Cabinet Weight(pcs)</b>	6.95kg(15.3lb)	6.95kg(15.3lb)	6.95kg(15.3lb)	6.95kg(15.3lb)	6.95kg(15.3lb)
<b>Cabinet Area</b>	0.2304m <sup>2</sup>	0.2304m <sup>2</sup>	0.2304m <sup>2</sup>	0.2304m <sup>2</sup>	0.2304m <sup>2</sup>
<b>Pixel Density</b>	644444dots/m <sup>2</sup>	473790dots/m <sup>2</sup>	410833dots/m <sup>2</sup>	360000dots/m <sup>2</sup>	283333dots/m <sup>2</sup>
<b>Brightness(cd/m2)</b>	50-800(adjustable)	50-800(adjustable)	50-1500(adjustable)	50-800(adjustable)	50-800(adjustable)
<b>Cabinet Flatness</b>	≤0.1mm	≤0.1mm	≤0.1mm	≤0.1mm	≤0.1mm
<b>Cabinet Material</b>	Die-cast aluminum	Die-cast aluminum	Die-cast aluminum	Die-cast aluminum	Die-cast aluminum
<b>Viewing Angle</b>	160°(H) 140°(V)	160°(H) 140°(V)	160°(H) 140°(V)	160°(H) 140°(V)	160°(H) 140°(V)
<b>Brightness Uniformity</b>	≥97%	≥97%	≥97%	≥97%	≥97%
<b>Color Uniformity</b>	≥97%	≥97%	≥97%	≥97%	≥97%
<b>Contrast</b>	≥4000:1	≥4000:1	≥4000:1	≥4000:1	≥4000:1
<b>Color Temperature</b>	3000K-10000K adjustable	3000K-10000K adjustable	3000K-10000K adjustable	3000K-10000K adjustable	3000K-10000K adjustable
<b>Refresh Rate</b>	1920-3840Hz	1920Hz	1980Hz	1920Hz	1920Hz
<b>Gray Scale Processing</b>	16bit	14bit	14bit	14bit	14bit
<b>Scanning Mode</b>	1/29 scan	1/31 scan	1/29 scan	1/27 scan	1/32 scan
<b>Driving Mode</b>	Constant Current Driving	Constant Current Driving	Constant Current Driving	Constant Current Driving	Constant Current Driving
<b>Frame Rate</b>	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz
<b>Input Voltage</b>	AC100-240V	AC100-240V	AC100-240V	AC100-240V	AC100-240V
<b>Input Power(avg)</b>	230W/m <sup>2</sup>	217W/m <sup>2</sup>	210W/m <sup>2</sup>	180W/m <sup>2</sup>	150W/m <sup>2</sup>
<b>Input Power(max)</b>	630W/m <sup>2</sup>	600W/m <sup>2</sup>	590W/m <sup>2</sup>	530W/m <sup>2</sup>	415W/m <sup>2</sup>
<b>Maintenance Mode</b>	Front Maintenance	Front Maintenance	Front Maintenance	Front Maintenance	Front Maintenance
<b>Power/signal Redundancy</b>	-	-	-	-	-
<b>LED Lifespan</b>	100000h	100000h	100000h	100000h	100000h
<b>Ingress Protection</b>	IP5X	IP5X	IP5X	IP5X	IP5X
<b>Work Condition</b>	-10~+40°C(14°F~104°F)/8-85%RH	-10~+40°C(14°F~104°F)/8-85%RH	-10~+40°C(14°F~104°F)/8-85%RH	-10~+40°C(14°F~104°F)/8-85%RH	-10~+40°C(14°F~104°F)/8-85%RH
<b>Storage Condition</b>	-10~+55°C(14°F~131°F)/10-90%RH	-10~+55°C(14°F~131°F)/10-90%RH	-10~+55°C(14°F~131°F)/10-90%RH	-10~+55°C(14°F~131°F)/10-90%RH	-10~+55°C(14°F~131°F)/10-90%RH





## LED Displays


Model	XA Series			
	MW7215-A-FL-U	MW7216-A-FL-U	MW7218-A-FL-U	MW7225-A-FL-U
<b>Appearance</b>				
<b>Product</b>	1.5mm Indoor fine pixel LED	1.6mm Indoor fine pixel LED	1.8mm Indoor fine pixel LED	2.5mm Indoor fine pixel LED
<b>Pixel Pitch</b>	1.5mm	1.6mm	1.8mm	2.5mm
<b>LED Type</b>	Surface mounted trinity LED	Surface mounted trinity LED	Surface mounted trinity LED	Surface mounted trinity LED
<b>Module Resolution(W×H)</b>	152×152	144×144	128×128	96×96
<b>Module Size(W×H)</b>	240mm×240mm (9.4"×9.4")	240mm×240mm (9.4"×9.4")	240mm×240mm (9.4"×9.4")	240mm×240mm (9.4"×9.4")
<b>Cabinet Size(W×H×D)</b>	480mm×480mm×59.6mm (18.9"×18.9"×2.3")	480mm×480mm×59.6mm (18.9"×18.9"×2.3")	480mm×480mm×59.6mm (18.9"×18.9"×2.3")	480mm×480mm×59.6mm (18.9"×18.9"×2.3")
<b>Modules/Cabinet(W×H)</b>	2×2	2×2	2×2	2×2
<b>Cabinet Resolution(W×H)</b>	304×304	288×288	256×256	192×192
<b>Cabinet Weight(pcs)</b>	5.18kg(11.4lb)	5.18kg(11.4lb)	5.18kg(11.4lb)	5.18kg(11.4lb)
<b>Cabinet Area</b>	0.2304m <sup>2</sup>	0.2304m <sup>2</sup>	0.2304m <sup>2</sup>	0.2304m <sup>2</sup>
<b>Pixel Density</b>	401111dots/m <sup>2</sup>	360000dots/m <sup>2</sup>	284444dots/m <sup>2</sup>	160000dots/m <sup>2</sup>
<b>Brightness(cd/m2)</b>	50-700(adjustable)	50-700(adjustable)	50-700(adjustable)	50-700(adjustable)
<b>Cabinet Flatness</b>	≤0.15mm	≤0.15mm	≤0.15mm	≤0.15mm
<b>Cabinet Material</b>	Die-cast aluminum	Die-cast aluminum	Die-cast aluminum	Die-cast aluminum
<b>Viewing Angle</b>	160°(H) 140°(V)	160°(H) 140°(V)	160°(H) 140°(V)	160°(H) 140°(V)
<b>Brightness Uniformity</b>	≥97%	≥97%	≥97%	≥97%
<b>Color Uniformity</b>	≥97%	≥97%	≥97%	≥97%
<b>Contrast</b>	≥4000:1	≥4000:1	≥4000:1	≥4000:1
<b>Color Temperature</b>	3000K-10000K adjustable	3000K-10000K adjustable	3000K-10000K adjustable	3000K-10000K adjustable
<b>Refresh Rate</b>	3840Hz	3840Hz	3840Hz	3840Hz
<b>Gray Scale Processing</b>	14bit	14bit	14bit	14bit
<b>Scanning Mode</b>	1/38 scan	1/48 scan	1/64 scan	1/48 scan
<b>Driving Mode</b>	Constant Current Driving	Constant Current Driving	Constant Current Driving	Constant Current Driving
<b>Frame Rate</b>	50/60Hz	50/60Hz	50/60Hz	50/60Hz
<b>Input Voltage</b>	AC100-240V	AC100-240V	AC100-240V	AC100-240V
<b>Input Power(avg)</b>	395W/m <sup>2</sup>	352W/m <sup>2</sup>	386W/m <sup>2</sup>	309W/m <sup>2</sup>
<b>Input Power(max)</b>	629W/m <sup>2</sup>	634W/m <sup>2</sup>	192W/m <sup>2</sup>	130W/m <sup>2</sup>
<b>Maintenance Mode</b>	Front/Rear Maintenance	Front/Rear Maintenance	Front/Rear Maintenance	Front/Rear Maintenance
<b>Power/signal Redundancy</b>	-	-	-	-
<b>LED Lifespan</b>	100000h	100000h	100000h	100000h
<b>Ingress Protection</b>	IP5X	IP5X	IP5X	IP5X
<b>Work Condition</b>	-10~+40°C(14°F~104°F)/8-85%RH	-10~+40°C(14°F~104°F)/8-85%RH	-10~+40°C(14°F~104°F)/8-85%RH	-10~+40°C(14°F~104°F)/8-85%RH
<b>Storage Condition</b>	-10~+55°C(14°F~131°F)/10-90%RH	-10~+55°C(14°F~131°F)/10-90%RH	-10~+55°C(14°F~131°F)/10-90%RH	-10~+55°C(14°F~131°F)/10-90%RH


LED Displays	
Model	Sending Box
	UNV-S4
Appearance	
Video Source Interface	1xDVI, 1xHDMI, 1xHDMI_LOOP
Input Resolution	1920x1200 pixels maximum
Video Source Frame Rate	60Hz(support auto-adjustment)
Control Area	2.3million pixels maximum (W 4096 pixels, H 2560 pixels)
Output Signal	4xgigabit ethernet interface
Transmission Distance	CAT5s140m, CAT6s170m, optical fiber: no limitation
Transmission Mode	Frame mode (Gigabit Ethernet) with CRC
Configuration Interface	1xUSB 2.0
Dimensions(W×H×D)	440mm×44mm×240mm(17.3"×1.7"×9.4")
Weight	2.0kg(4.4lb)
Power Supply	AC 100~240V
Power Consumption	20W

LED Displays	
Model	LED Video Processor
	UNV-X16
Appearance	
Video Source Interface	4xDVI, 1xHDMI, 2xSDI
Input Resolution	4096x2160@60Hz pixels maximum
Control Area	8.88million pixels maximum (W 8192 pixels, H 8192 pixels)
Output Signal	16xgigabit ethernet Interface
Network control	LAN(communication with PC, or access network)
Configuration Interface	1xUSB in(connects with PC to configure parameters) 1xUSB out(cascading with the next controller)
Genlock	Genlock signal input ensures synchronism of display image
Genlock Loop	Genlock synchronous signal loop output
Size	2U standard box
Dimensions(W×H×D)	483mm×88mm×380mm(19.0"×3.5"×15.0")
Weight	6.8kg(15.0lb)
Power Supply	AC 100~240V
Power Consumption	80W


Monitor				
Model	Entry Series			
	MW3219-V	MW3222-L	MW3222-V	MW3224-V
Appearance				
Product	19" LED Monitor	22" LED Monitor	22" LED Monitor	24" LED Monitor
Panel Size	18.5 inch	21.5 inch	21.5 inch	23.8 inch
Pixel Pitch(mm)	0.3(H)×0.3(V)	0.2482(H)×0.2482(V)	0.2482(H)×0.2482(V)	0.2745(H)×0.2745(V)
Backlight	LED	LED	LED	LED
Resolution	1366×768	1920×1080	1920×1080	1920×1080
Brightness	200cd/m2	250cd/m2	250cd/m2	250cd/m2
Contrast	600:1	1000:1	1000:1	1000:1
Response time	5ms	5ms	5ms	14ms
Display Color	16.7M	16.7M	16.7M	16.7M
Viewing Angle	90°(H) 65°(V)	170°(H) 160°(V)	170°(H) 160°(V)	178°(H) 178°(V)
Video Input	1xVGA	1xHDMI, 1xVGA	1xHDMI, 1xVGA	1xHDMI, 1xVGA
Audio Input	-	-	1x3.5mm mini-jack	1x3.5mm mini-jack
Speaker	-	-	2x2W	2x2W
Language	16 (English, France, Spanish, Portuguese, German, Italian, Dutch, Swedish, Finnish, Polish, Czech, Russia, Korea, Simplified Chinese, Traditional Chinese, Japanese)	11 (English, French, German, Italian, Simplified Chinese, Traditional Chinese, Korean, Japanese, Espanola, Portuguese, Russian)	11 (English, French, German, Italian, Simplified Chinese, Traditional Chinese, Korean, Japanese, Espanola, Portuguese, Russian)	11 (English, French, German, Italian, Simplified Chinese, Traditional Chinese, Korean, Japanese, Espanola, Portuguese, Russian)
Wall Mount(mm)	100×100	100×100	100×100	100×100
Power Supply	DC 12V, 2.5A	DC 12V, 2A	DC 12V, 2A	DC 12V, 2.5A
Consumption (Standard)	<20W	20W	20W	30W
Consumption (Standby)	<0.5W	0.5W	0.5W	0.5W
Work Condition	0~40°C(32°F~104°F)/20%~90%RH	0~40°C(32°F~104°F)/20%~85%RH	0~+40°C(32°F~104°F)/20%~85%RH	0~+40°C(32°F~104°F)/20%~85%RH
Storage Condition	-20~60°C(-4°F~140°F)/10%~90%RH	-20~60°C(-4°F~140°F)/10%~90%RH	-20~+60°C(-4°F~140°F)/10%~90%RH	-20~+60°C(-4°F~140°F)/10%~90%RH
Dimension(W×H×D)	447mm×276mm×39mm (17.6"×10.9"×1.5") 447mm×355mm×142mm(with pedestal) (17.6"×14.0"×5.6")	510mm×305mm×35mm (20.1"×12.0"×1.4") 510mm×381mm×190mm(with pedestal) (20.1"×15.0"×7.5")	510mm×305mm×35mm (20.1"×12.0"×1.4") 510mm×381mm×190mm(with pedestal) (20.1"×15.0"×7.5")	541mm×322mm×39mm (21.3"×12.7"×1.5") 541mm×407mm×210mm(with pedestal) (21.3"×16.0"×8.3")
Weight(net/gross)	2.1kg(4.6lb)/3.2kg(7.1lb)	2.5kg(5.5lb)/3.5kg(7.7lb)	2.3kg(5.1lb)/3.8kg(8.4lb)	3.3kg(7.3lb)/4.2kg(9.3lb)

Monitor				
Model	Entry Series	Pro Series		
	MV3232-V	MW3228-F	MW3232-E	MW3243-E
Appearance				
Product	32" LED Monitor	28" LED Monitor	32" LED Monitor	43" LED Monitor
Panel Size	31.5 inch	28 inch	32 inch	43 inch
Pixel Pitch(mm)	0.364(H)×0.364(V)	0.16(H)×0.16(V)	0.364(H)×0.364(V)	0.49(H)×0.49(V)
Backlight	LED	LED	LED	LED
Resolution	1920×1080	3840×2160	1920×1080	1920×1080
Brightness	350cd/m2	300cd/m2	300cd/m2	300cd/m2
Contrast	1400:1	1000:1	1400:1	1200:1
Response time	6ms	5ms	8ms	8ms
Display Color	16.7M	1.07B	16.7M	16.7M
Viewing Angle	178°(H) 178°(V)	170°(H) 160°(V)	178°(H) 178°(V)	178°(H) 178°(V)
Video Input	1×HDMI, 1×DVI, 1×VGA	1×VGA, 1×HDMI, 1×DP, 1×DVI	1×DVI, 1×VGA, 1×HDMI	1×DVI, 1×VGA, 1×HDMI
Audio Input	1×3.5mm mini-jack	1×3.5mm mini-jack	1×3.5mm mini-jack	1×3.5mm mini-jack
Speaker	2×2W	2×3W	2×3W	2×3W
Language	8 (English, French, German, Simplified Chinese, Korean, Japanese, Espanola, Russian)	7(English, Spanish ,Korea, Simplified Chinese, France, Russia, Japanese)	12 (English, French, German, Italian, Simplified Chinese, Espanol, Portuguese, Russian, Korean, Nederlands, Turkic, Polskl)	12 (English, French, German, Italian, Simplified Chinese, Espanol, Portuguese, Russian, Korean, Nederlands, Turkic, Polskl)
Wall Mount(mm)	100×100	100×100	200×240/200×300	400×300/400×400
Power Supply	AC 100~240V, 50/60Hz	AC 100~240V, 50/60Hz	AC 100~240V, 50/60Hz	AC 100~240V, 50/60Hz
Consumption (Standard)	45W	<40W	<70W	<80W
Consumption (Standby)	0.5W	<1W	<1W	<1W
Work Condition	0~+40°C(32°F~104°F)/20%~85%RH	0~+40°C(32°F~104°F)/10%~85%RH	0~+50°C(32°F~122°F)/10%~90%RH	0~+50°C(32°F~122°F)/10%~90%RH
Storage Condition	-10~+60°C(-14°F~140°F)/10~90%RH	-10~+50°C(-14°F~122°F)/10%~90%RH	-10~+60°C(-14°F~140°F)/10%~90%RH	-10~+60°C(-14°F~140°F)/10%~90%RH
Dimension(W×H×D)	725mm×426mm×50mm (28.5"×16.8"×2.0")	661mm×388mm×49mm (26.0"×15.3"×1.9")	750mm×453mm×48mm (29.5"×17.8"×1.9")	994mm×586mm×50mm (39.1"×23.1"×2.0")
Weight(net/gross)	6.3kg(13.9lb)/8.0kg(17.6lb)	7.8kg(17.2lb)/9.4kg(20.7lb)	12.0kg(16.5lb)/13.5kg(29.8lb)	18.2kg(40.1lb)/22.1kg(48.7lb)


Video Wall Controller	
Model	DMC8000
Appearance	
Product	Video Wall Controller
Case	3U
Dimensions(W×H×D)	442mm×132mm×469mm(17.4"×5.2"×18.5")
Weight	4kg(8.8lb)
Consumption	<300W
Host Power Consumption	<60W
Card Slots	4
Master Control Interface	1×GE, 4×RS-232, 4×RS-485, 2×USB 3.0, 1×Reset
Power Supply	100V~240V AC, 50Hz/60Hz
Work Condition	0°C~+50°C(32°F~122°F)
Signal Input Cards	HDMI, DVI, VGA cards
HDMI, DVI, VGA Input Format	XGA:1024×768@60Hz, 720P:1280×720@60Hz, SXGA:1280×1024@60Hz, 1080P:1920×1080@60Hz, UXGA:1600×1200@60Hz, 1680×1050@60Hz
Signal Output Cards	DVI Cards
DVI Output Format	XGA:1024×768@60Hz, 720P:1280×720@60Hz, SXGA:1280×1024@60Hz, UXGA:1600×1200@60Hz, WUXGA+1440×900@60Hz, 1080P:1920×1080@60Hz, WUXGA:1920×1200@60Hz
Main Control Panel	SC80-MPUS (Main control panel)
Optional Cards	SC80-H08E (HDMI input card with 8 ports)
	SC80-D08E (DVI input card with 8 ports)
	SC80-V08E (VGA input card with 8 ports)
	SC80-D08D (DVI output card with 8 ports)

Decoder ADU8612-E	
Model	ADU8612-E
Appearance	
Product	12-Channel High Definition Video Decoder
Output Channel	12×DVI
DVI Output Format	XGA:1024×768@60Hz, 720P:1280×720@60Hz, SXGA:1280×1024@60Hz, WUXGA+1440×900@60Hz, UXGA:1600×1200@60Hz, 1080P:1920×1080@60Hz, WUXGA:1920×1200@60Hz
Input Channel	2×DVI, 2×VGA
DVI Input Format	1024×768@60Hz, 1280×720@60Hz, 1280×720@50Hz, 1280×1024@60Hz, 1440×900@60Hz, 1600×1200@60Hz, 1920×1080@60Hz, 1920×1080@50Hz
VGA Input Format	1024×768@60Hz, 1280×720@60Hz, 1280×720@50Hz, 1280×1024@60Hz, 1440×900@60Hz, 1600×1200@60Hz, 1920×1080@60Hz, 1920×1080@50Hz
Video Stream Format	H.265, H.264
Decoding Capability	16×1200W@20, 16×4K@30, 64×1080P@30, 144×720P@30
Display Split	1/2/3/4/5/6/7/8/9/10/13/16
Serial Interface	1×RS-232, 1×RS485
Network Interface	2×RJ-45, 10M/100M/1000M adaptive Ethernet Interfaces
Power Supply	100V~240V AC, 50Hz/60Hz
Consumption	80W
Work Condition	-10~+55°C(14°F~131°F)/10%~90%RH
Weight	5kg(11.0lb)
Dimensions (W×H×D)	442mm×89mm×420mm(17.4"×3.5"×16.5")

## Decoder DC5301

Model	DC5301-IN
Appearance	
Product	Single Channel High Definition Video Decoder
HDMI Output	1 ch 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
VGA Output	1 ch 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
CVBS Output	PAL
Video Decoding Resolution	12MP, 8MP, 6MP, 5MP, 4MP, 3MP, 1080P, 1080i, 960P, 720P, D1, CIF
Decoding Capability	2×1200W@30, 4×8MP@30, 8×1080P@60, 16×1080P@30
Display Split	1/2/3/4/7/9/16/25/36
Audio I/O	1/1
Audio Compression	G.711 μ, G.711A
Network Interface	2×RJ-45 10M/100M/1000M adaptive ethernet
USB Interface	1×USB2.0
Serial Interface	1×RS-232, 1×RS-485/422
Alarm I/O	4/2
Power Supply	12V DC
Consumption	15 W
Work Condition	-10~+60°C(-14°F~140°F)/10%~90%RH
Weight	2.0kg(4.4lb)
Dimensions(W×H×D)	189mm×40mm×250mm(7.4"×1.6"×9.8")

## Decoder DC550X

Model	DC5506	DC5509
Appearance		
Product	6-Channel High Definition Video Decode	9-Channel High Definition Video Decode
Input Channel	1×DVI	
DVI Input	XGA:1024×768@60Hz, 720P:1280×720@60Hz, SXGA:1280×1024@60Hz, WSXGA:1440×900@60Hz, UXGA:1600×1200@60Hz, 1080P:1920×1080@60Hz	
Output Channel	6×DVI	9×DVI
DVI Output	XGA:1024×768@60Hz, 720P:1280×720@60Hz, SXGA:1280×1024@60Hz, WSXGA:1440×900@60Hz, UXGA:1600×1200@60Hz, 1080P:1920×1080@60Hz	
Video Stream Format	H.265/H.264	
Decoding Capability	6×4K@30, 24×1080P@30, 54×720P@30, 96×D1	9×4K@30, 36×1080P@30, 81×720P@30, 144×D1
Display Split	1/2/3/4/6/7/9/16	
Serial Interface	1×RS-232, 1×RS485	
Network Interface	1×RJ-45, 10M/100M/1000M adaptive Ethernet Interfaces	
Power Supply	100~240V AC	
Consumption	<54 W	
Work Condition	-10~+55(14°F~131°F)/5%~95%RH	
Weight	3.5kg(7.7lb)	
Dimensions(W×H×D)	440mm×44mm×339mm(17.3"×1.7"×13.3")	

## Keyboard

Model	KB-1100
Appearance	
Product	Network keyboard
Joystick	Four-dimensional joystick
Network Interface	1×RJ-45 10M/100M adaptive ethernet
USB Interface	1×USB2.0
Serial Interface	1×RS-232, 2×RS-485
Power Supply	12V DC
Consumption	5W
Work Condition	-10~+55°C(14°F~131°F)/10%~90%RH
Dimensions(W×H×D)	440mm×47mm×270mm(17.3"×1.9"×10.6")
Weight	1.0kg(2.2lb)

## Accessories



IP Camera Bracket



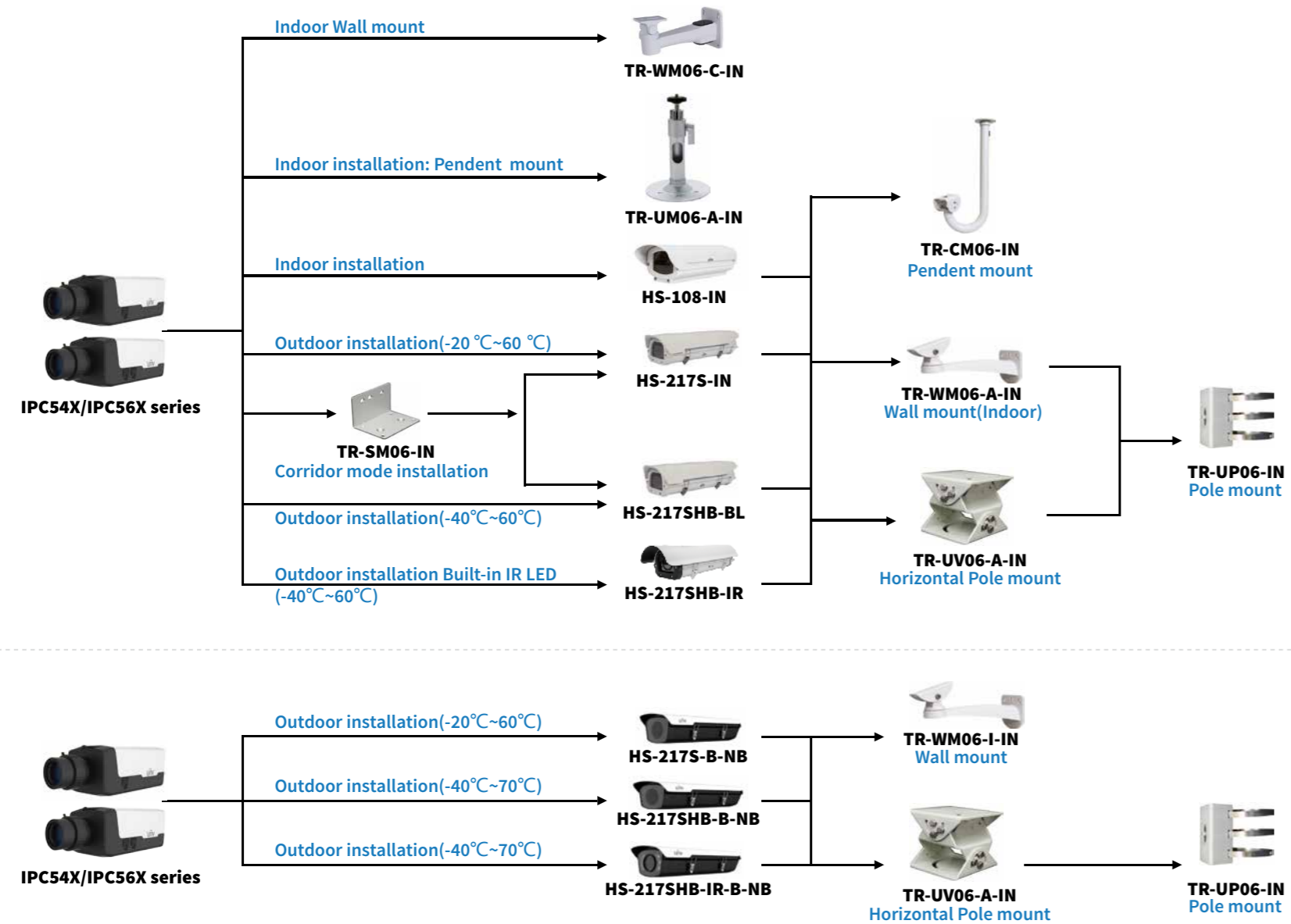
Switch



Network Cable

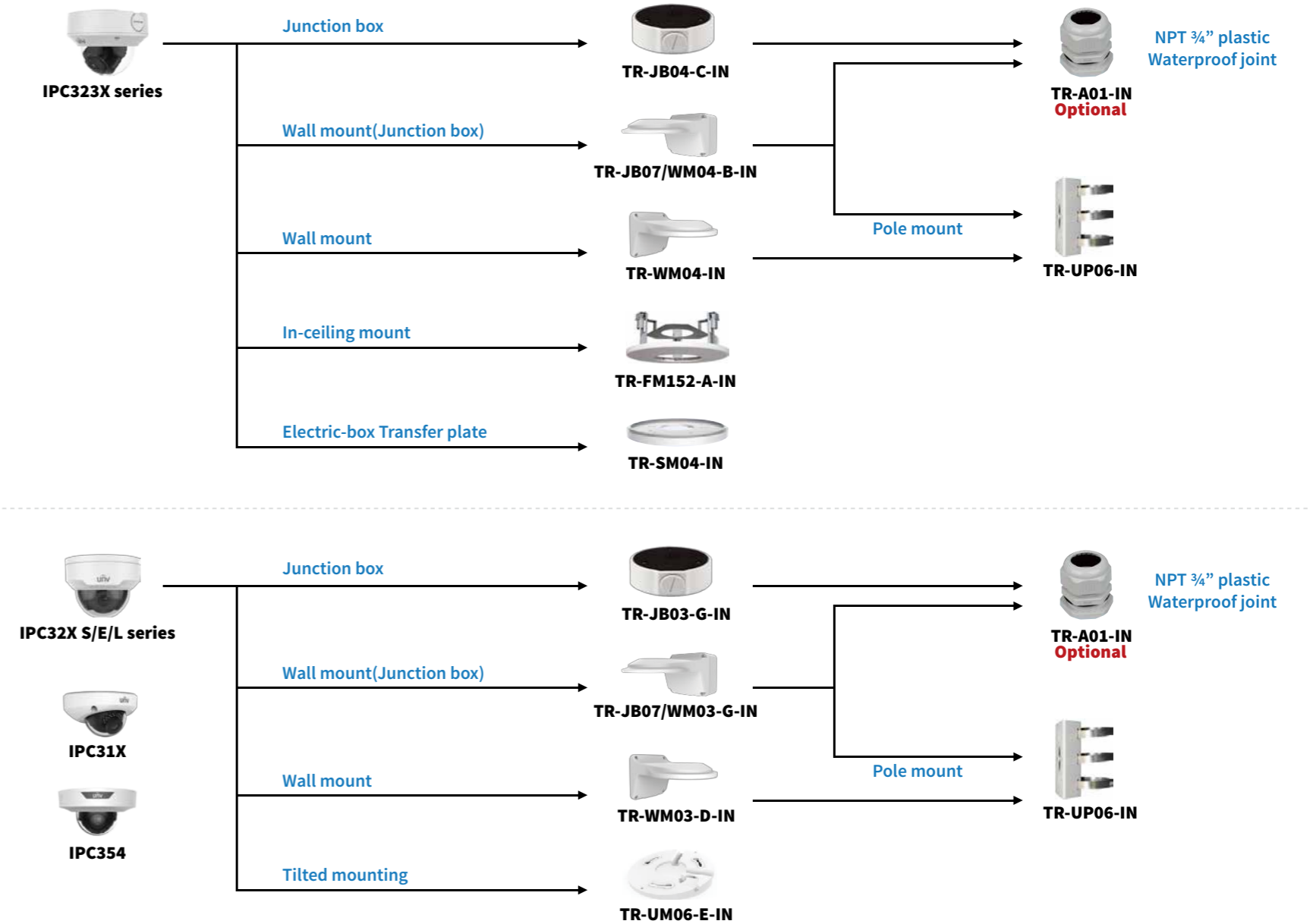
**IP Camera Bracket**

Box camera mount



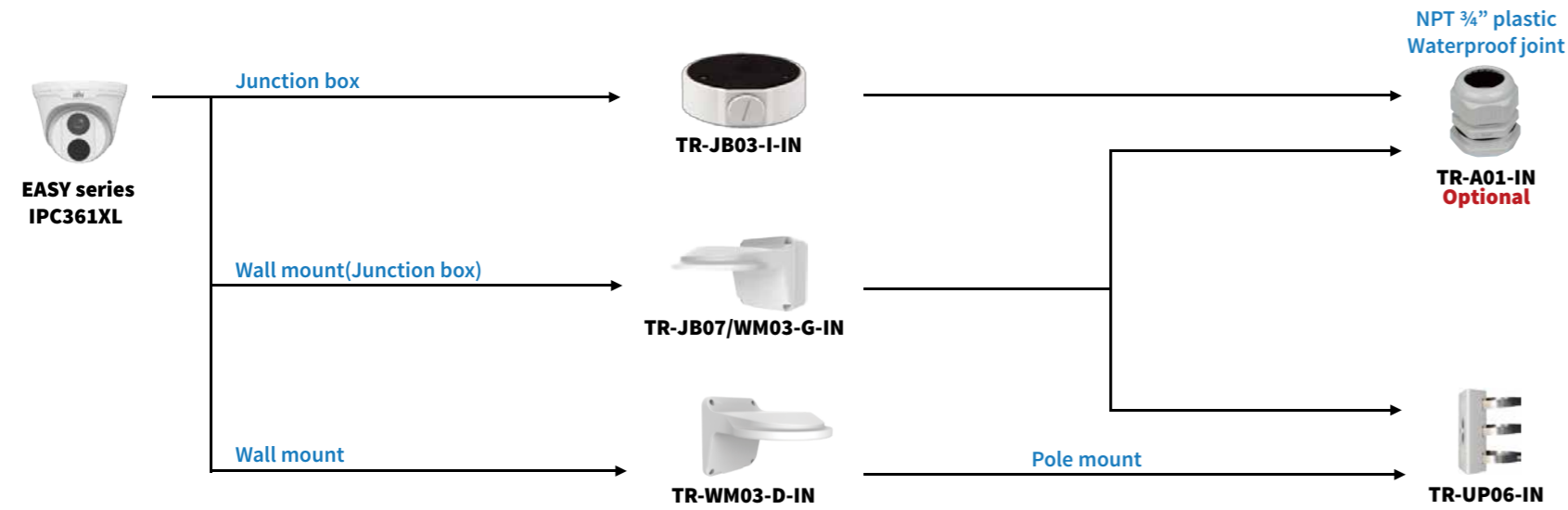
**IP Camera Bracket**

Dome camera mount



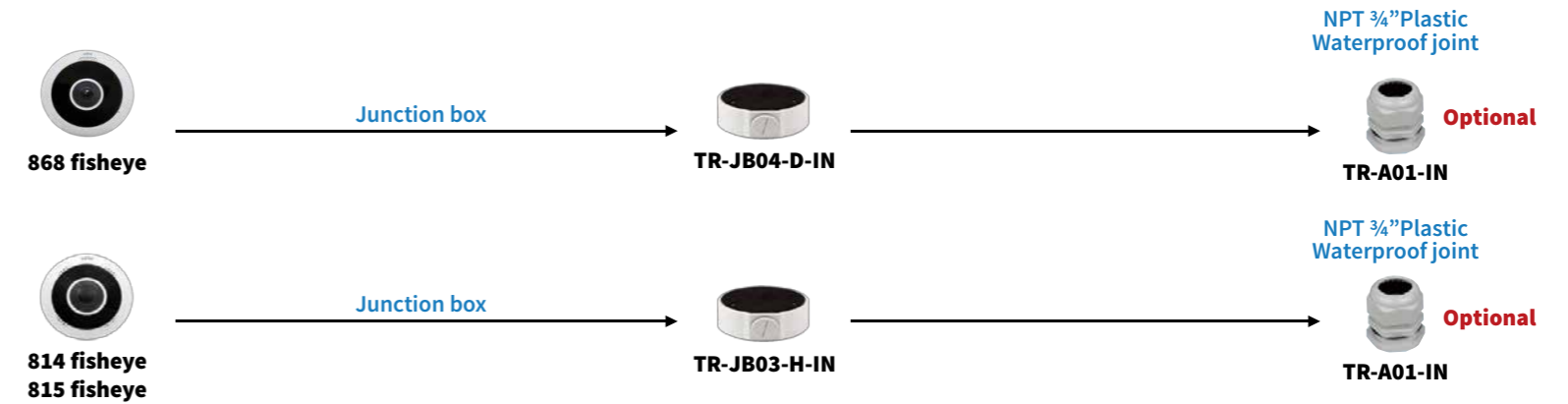
### IP Camera Bracket

#### Dome camera mount



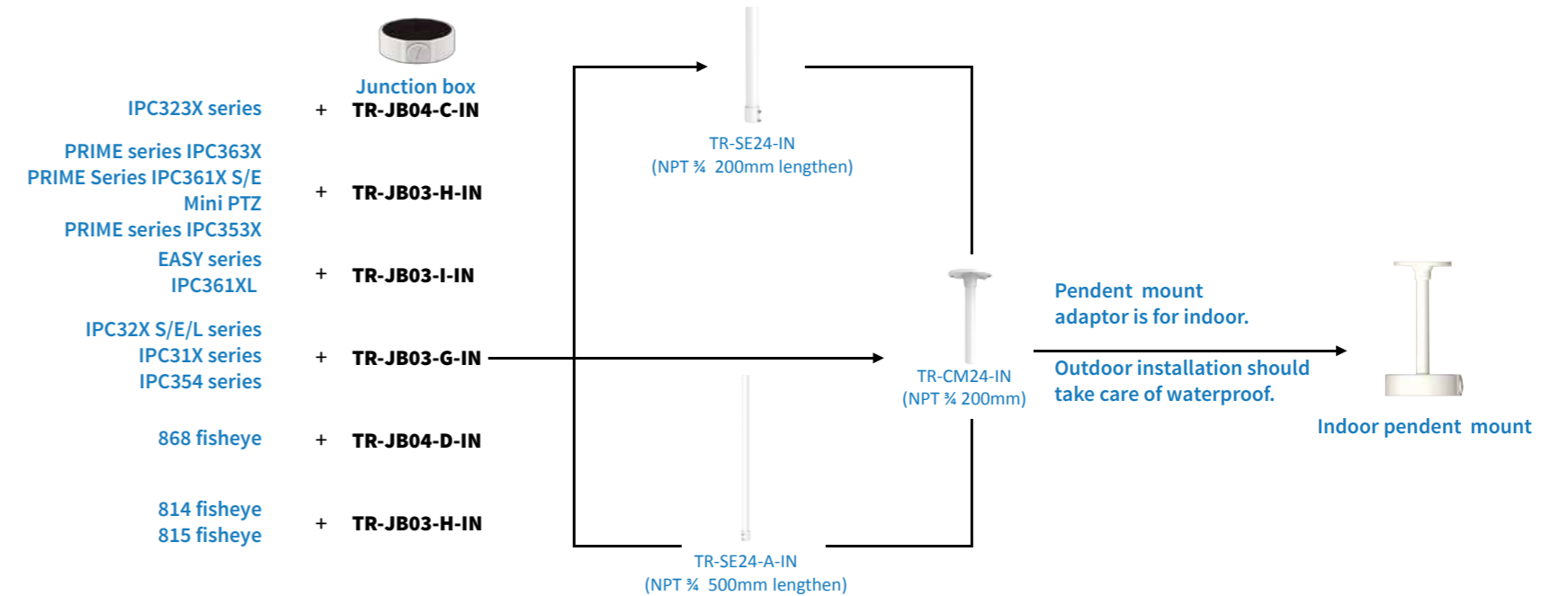
### IP Camera Bracket

#### Fisheye camera mount



### IP Camera Bracket

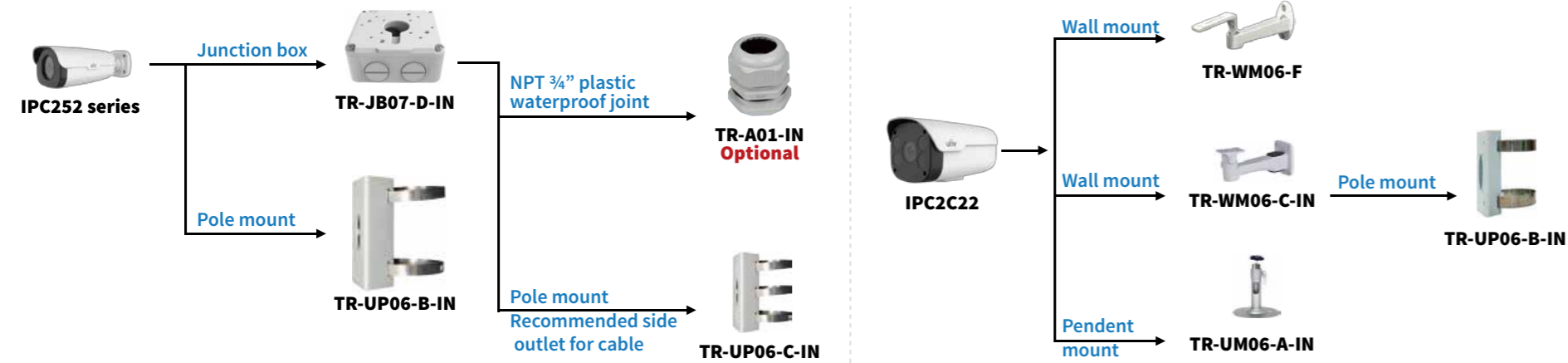
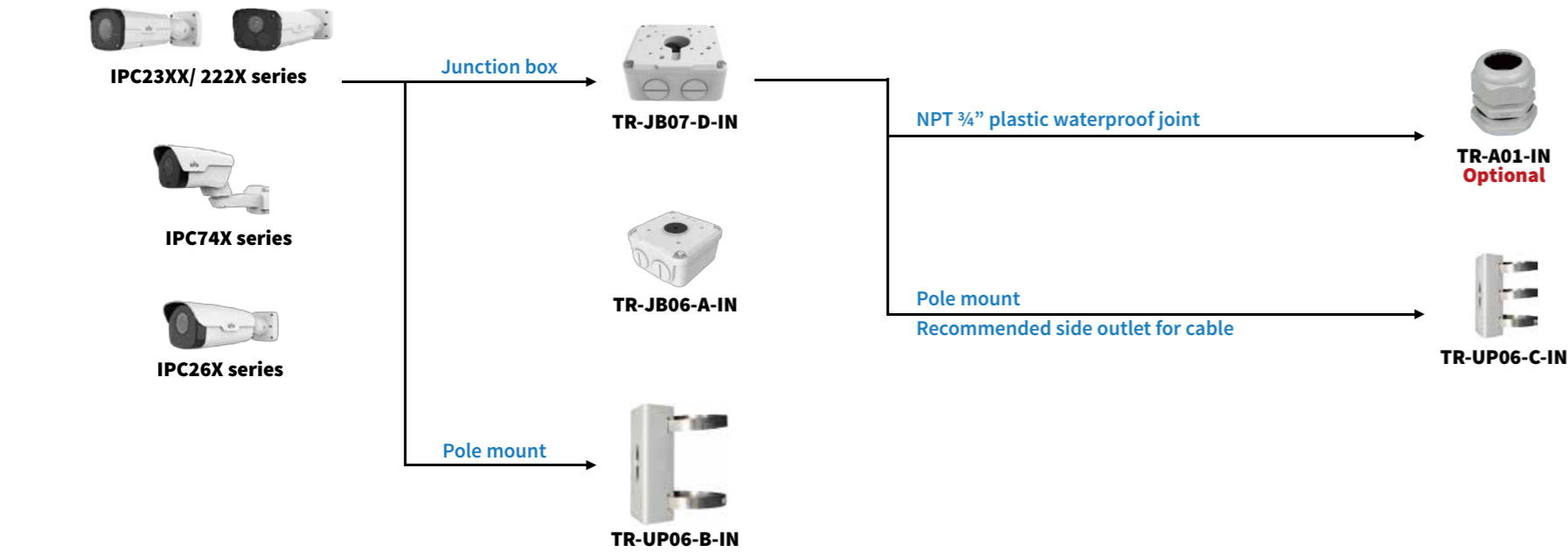
#### Dome camera Indoor pendent mount





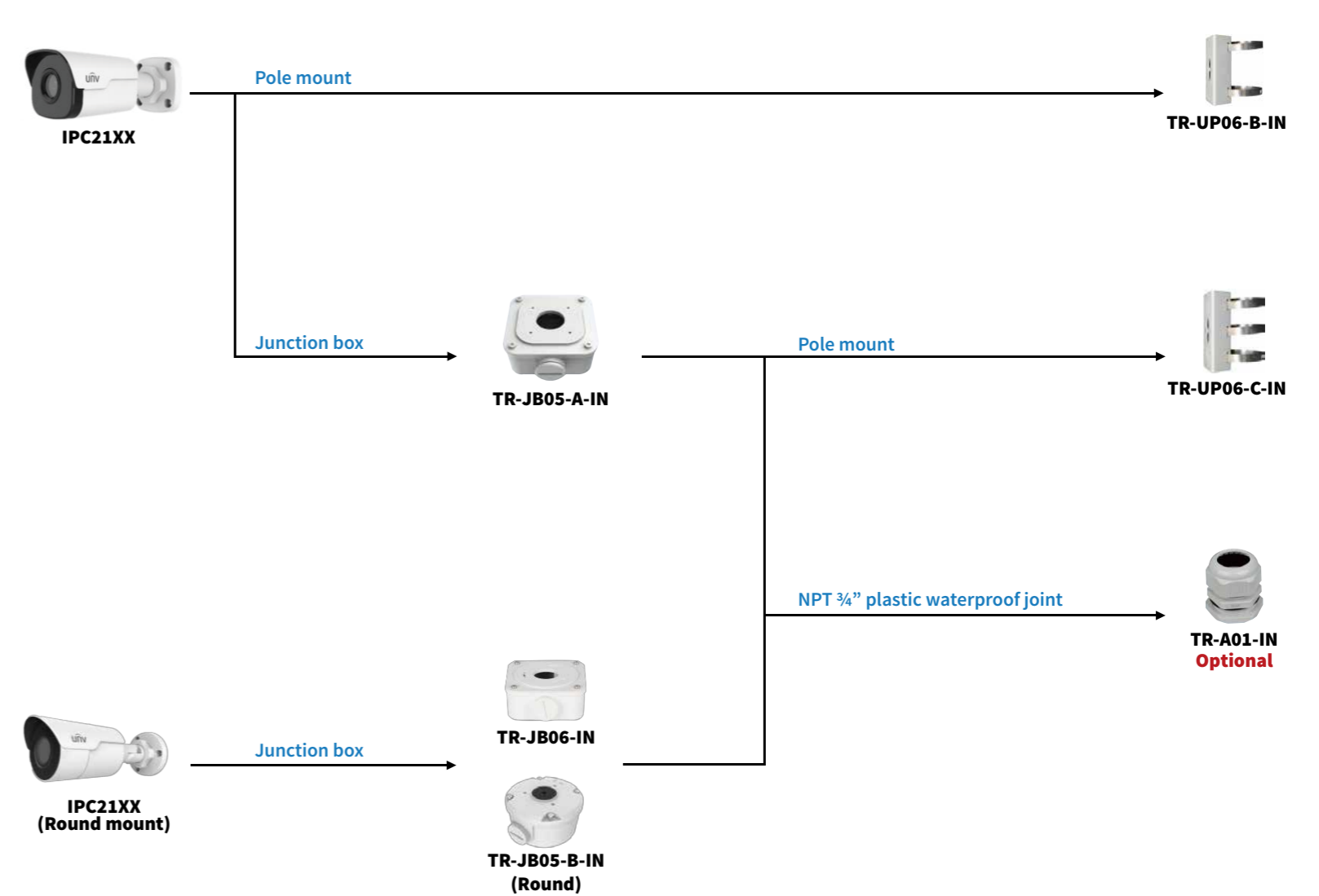
**IP Camera Bracket**

Dome camera mount



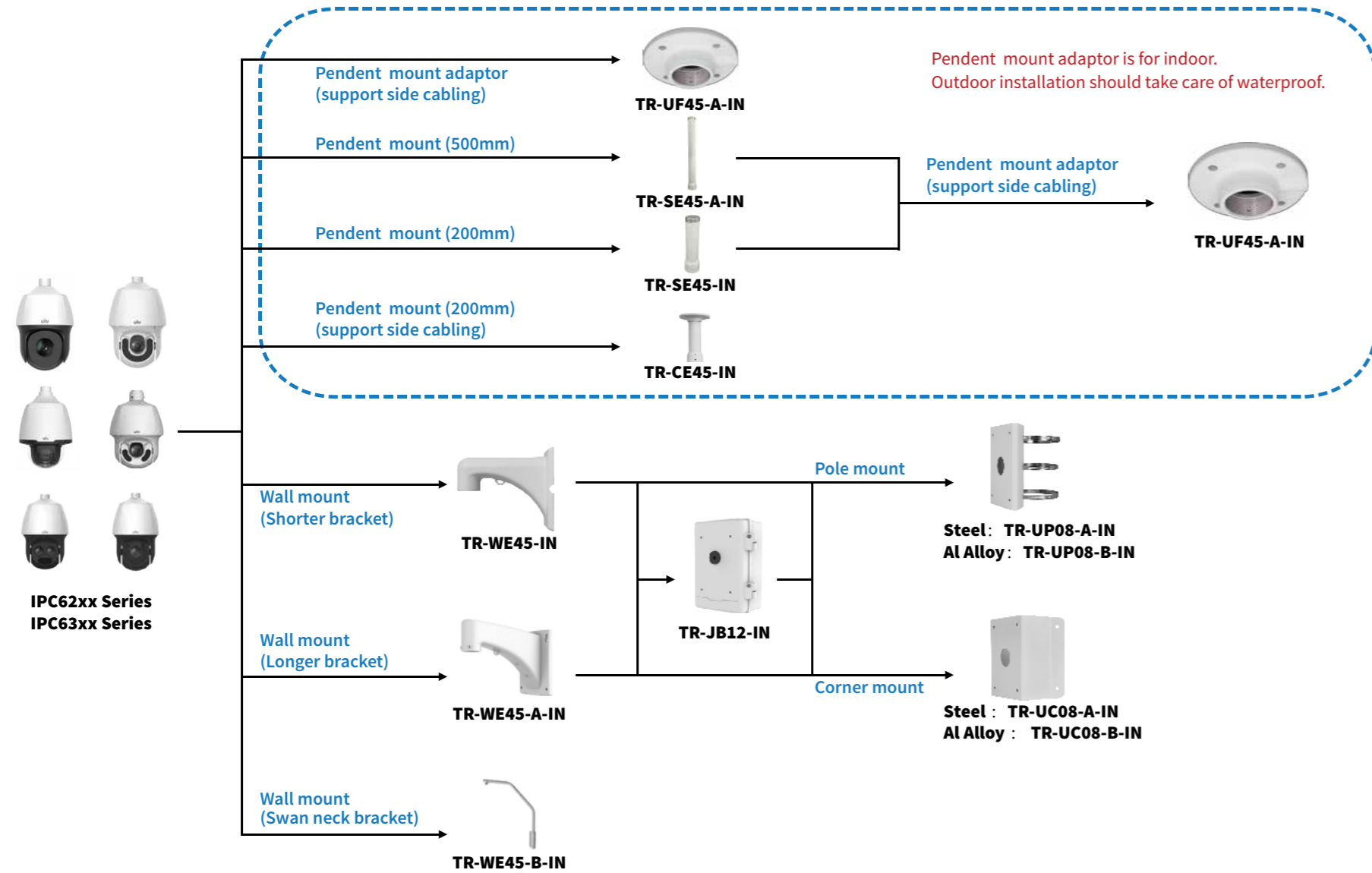
**IP Camera Bracket**

Mini Bullet camera mount



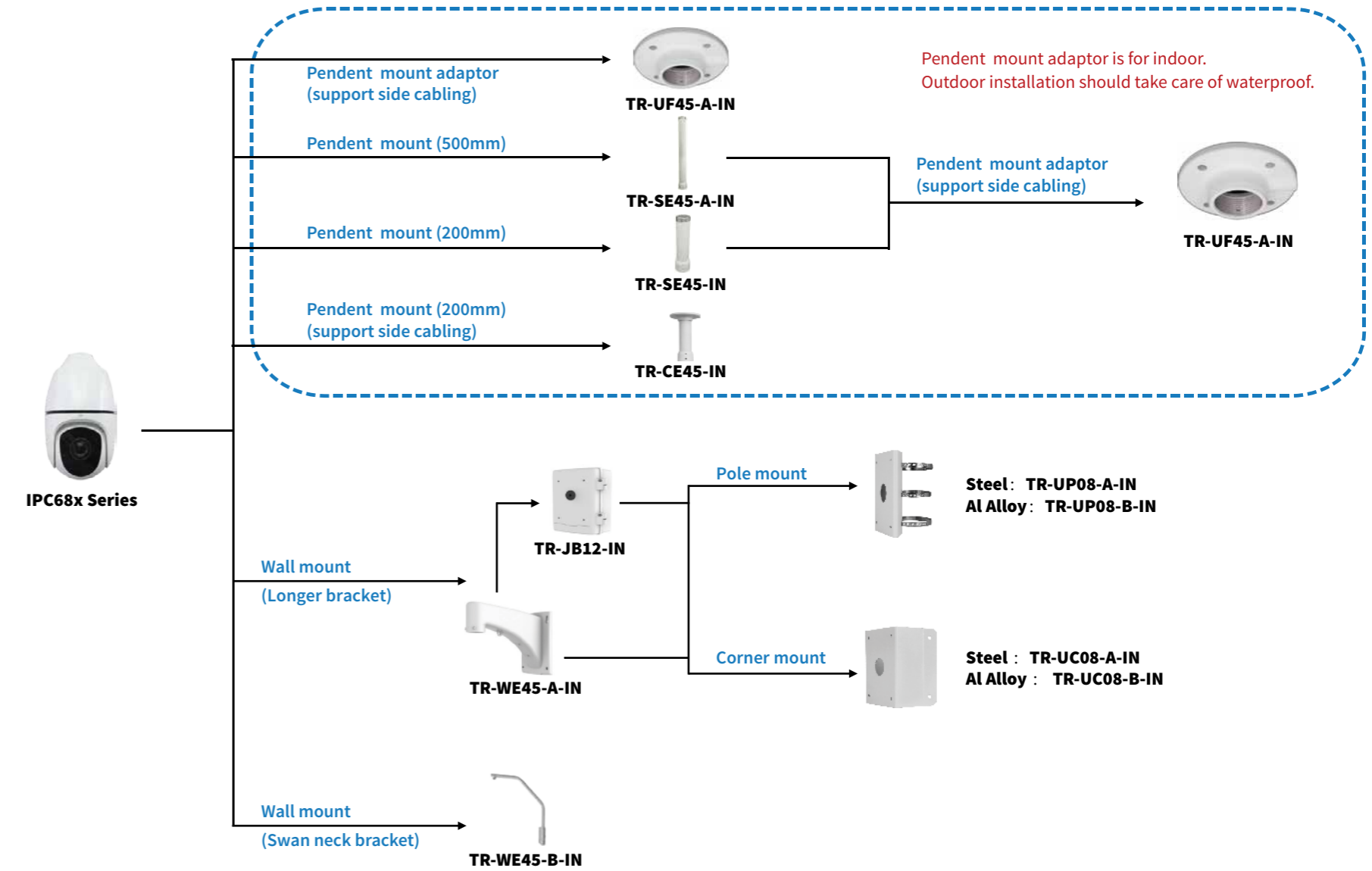
**IP Camera Bracket**

PTZ camera mount



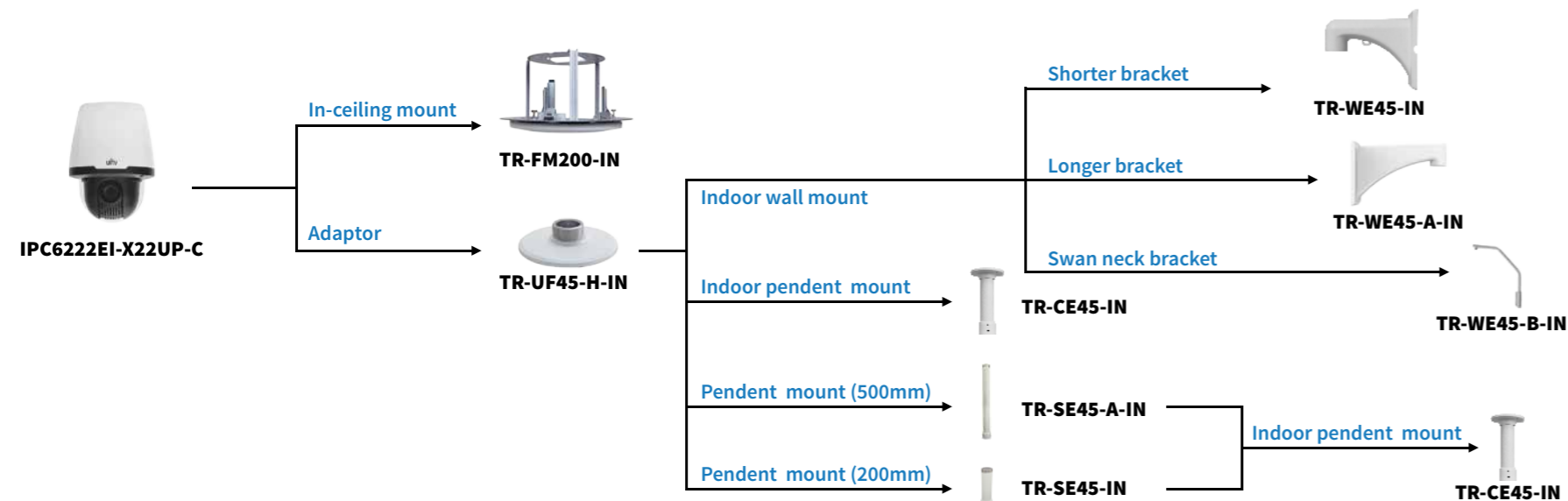
**IP Camera Bracket**

PTZ camera mount



### IP Camera Bracket

Indoor PTZ camera mount



### Switch

Model	NSW2010-6T-POE-IN	NSW2010-10T-POE-IN	NSW2010-16T2GC-POE-IN	NSW2010-24T2GC-POE-IN
<b>Appearance</b>				
<b>Ports</b>	6x100Mbps network ports (RJ45), including 4 PoE ports	10x100Mbps network ports (RJ45), including 8 PoE ports	16x100Mbps PoE ports (RJ45)+2x1000Mbps Combo ports	24x100Mbps PoE ports (RJ45)+2x1000Mbps Combo ports
<b>Standards</b>	IEEE802.3,IEEE802.3u,IEEE802.3az,IEEE802.3x,IEEE802.3af,IEEE802.3at	IEEE802.3,IEEE802.3u,IEEE802.3az,IEEE802.3x,IEEE802.3af,IEEE802.3at	IEEE802.3,IEEE802.3u,IEEE802.3z,IEEE802.3ab,IEEE802.3x,IEEE802.3af,IEEE802.3at,IEEE802.3az	IEEE802.3,IEEE802.3u,IEEE802.3z,IEEE802.3ab,IEEE802.3x,IEEE802.3af,IEEE802.3at,IEEE802.3az
<b>MAC</b>	2K	8K	16K	16K
<b>Packet forwarding rate</b>	0.90Mpps	1.49Mpps	5.36Mpps	6.55Mpps
<b>Switching capacity</b>	1.2Gbps	2Gbps	7.2Gbps	8.8Gbps
<b>EXTEND mode</b>	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.	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.	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.
<b>PoE</b>	802.3at/af Max capacity: 65W Max capacity for single port: 30W	802.3at/af Max capacity: 120W Max capacity for single port: 30W	802.3at/af Max capacity: 250W Max capacity for single port: 30W	802.3at/af Max capacity: 370W Max capacity for single port: 30W
<b>Mean Time Between Failure (MTBF)</b>	>50000 hours	>50000 hours	>50000 hours	>50000 hours
<b>DC voltage/AC voltage</b>	AC: 100-240V, 50/60Hz	AC: 100-240V, 50/60Hz	AC: 100-240V, 50/60Hz	AC: 100-240V, 50/60Hz
<b>Operating temperature</b>	0°C-40°C (32°F-104°F)	0°C-40°C (32°F-104°F)	0°C-40°C (32°F-104°F)	0°C-40°C (32°F-104°F)
<b>Operating humidity</b>	10%-90% (noncondensing)	10%-90% (noncondensing)	10%-90% (noncondensing)	10%-90% (noncondensing)
<b>Storage humidity</b>	5%-90% (noncondensing)	5%-90% (noncondensing)	5%-90% (noncondensing)	5%-90% (noncondensing)
<b>Dimensions (WxDxH)</b>	160mm x 93mm x 32mm(6.3"x3.7"x1.3")	220mm x 150mm x 44mm(8.7"x5.9"x1.7")	440mm x 207mm x 44mm(17.3"x8.1"x1.7")	440mm x 207mm x 45mm(17.3"x8.1"x1.8")

### Network Cable

Model	CAB-LC2100B-IN	Model	CAB-LC3100B-IN	Model	CAB-LC3200A-IN	Model	CAB-LC3110B-E-IN
<b>appearance</b>		<b>appearance</b>		<b>appearance</b>		<b>appearance</b>	
<b>Cable Type</b>	CAT5E	<b>Cable Type</b>	CAT6	<b>Cable Type</b>	CAT6	<b>Cable Type</b>	CAT6
<b>Material/Copper Content</b>	OFC	<b>Material/Copper Content</b>	OFC	<b>Material/Copper Content</b>	OFC	<b>Material/Copper Content</b>	OFC
<b>AWG</b>	24	<b>AWG</b>	23	<b>AWG</b>	23	<b>AWG</b>	24
<b>Insulation Material</b>	HDPE	<b>Insulation Material</b>	HDPE	<b>Insulation Material</b>	HDPE	<b>Insulation Material</b>	HDPE
<b>Sheath Material</b>	PVC(complies RoHS/REACH)	<b>Sheath Material</b>	PVC(complies RoHS/REACH)	<b>Sheath Material</b>	PVC(complies RoHS/REACH)	<b>Sheath Material</b>	PVC(complies RoHS/REACH)(IN Jacket) LDPE(OUT Jacket)
<b>Ambient Temperature</b>	-20°C-60°C	<b>Ambient Temperature</b>	-20°C-60°C	<b>Ambient Temperature</b>	-20°C-60°C	<b>Ambient Temperature</b>	-20°C-60°C
<b>Certification</b>	UL, CPR	<b>Certification</b>	UL, CPR	<b>Certification</b>	UL	<b>Certification</b>	N/A