Better Security, Better World.

www.uniview.com

Sales: overseasbusiness@uniview.com

Technical Support: globalsupport@uniview.com

2019.12 OM - 191201 - SD V1.0

Disclaimer: All rights reserved, including final interpretation and content amendm

UNIVIEW
PRODUCT GUIDE

VERSION 1

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

CONTENTS

01 **Network Camera**

- Easy Series ---- 03
- Prime Series ---- 11
- Pro Series ---- 27
- PTZ Camera ---- 33

39 **NVR**

- Easy Series ---- 41
- Kit ---- 49
- Hybrid NVR ---- 51
- Prime Series ---- 52
- Pro Series ---- 55

56 **VMS**

58 **Professional Storage**

- Single Controller ---- 59
- Dual Controller ---- 60
- Expansion Unit ---- 61

62 **Face Recognition Terminal**

64 **Display & Control**

- LCD Video Wall ---- 65
- LED Displays ---- 66
- Monitor ---- 70
- Control ---- 72

74 **Accessories**

- IP Camera Bracket ---- 75
- Switch ---- 84
- Network Cable ---- 84

EASY

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, ±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, ±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
Appearance					
Axis	3-Axis	3-Axis	3-Axis	3-Axis	2-Axis
Low illumination characteristics	Low-light	Low-light	Low-light	Low-light	Low-light
Adjustment angle	Pan: 0°~360° Tilt: 0°~90° Rotate: 0°~360°	Pan: 0°~360° Tilt: 0°~90° Rotate: 0°~360°	Pan: 0°~360° Tilt: 0°~90° Rotate: 0°~360°	Pan: 0°~360° Tilt: 0°~68° Rotate: 0°~360°	Pan: 0°~360° Tilt: 0°~75°
Sensor	1/2.7"/2MP/CMOS	1/2.7"/2MP/CMOS	1/2.7"/2MP/CMOS	1/2.7"/2MP/CMOS	1/2.7"/2MP/CMOS
Wide Dynamic Range	Digital WDR	Digital WDR	Digital WDR	Digital WDR	Digital WDR
Zoom	Fixed	Fixed	Fixed	Fixed	Fixed
Lens	Focus: 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°
Iris	Fixed	Fixed	Fixed	Fixed	Fixed
Min. illumination	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
IR	Up to 30m (98ft)	Up to 30m (98ft)	Up to 30m (98ft)	Up to 30m (98ft)	Up to 30m (98ft)
Video Compression	Ultra265,H.265, H.264, MJPEG	Ultra265,H.265, H.264, MJPEG	Ultra265, H.265,H.264, MJPEG	Ultra265, H.265,H.264, MJPEG	Ultra265, H.265,H.264, MJPEG
Smart Function	√	√	√	√	√
Frame Rate	1920×1080 30fps	1920×1080 30fps	1920×1080 20fps	1920×1080 20fps	1920×1080 30fps
9:16 Corridor Mode	N/A	N/A	N/A	N/A	N/A
Video Streaming	Triple Streams	Triple Streams	Triple Streams	Triple Streams	Triple Streams
Privacy Mask	√	√	√	√	√
The number of OSD	Up to 4 OSDs	Up to 4 OSDs	Up to 4 OSDs	Up to 4 OSDs	Up to 4 OSDs
Audio I/O	N/A	N/A	N/A	N/A	N/A
Alarm I/O	N/A	N/A	N/A	N/A	N/A
BNC	N/A	N/A	N/A	N/A	N/A
Edge Storage	N/A	N/A	MicroSD, up to 256GB	MicroSD, up to 256GB	N/A
Network Interface	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet WIFI	10M/100M Base-TX Ethernet WIFI	10M/100M Base-TX Ethernet
Reset Button	√	√	√	√	N/A
Power	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)
Working Environment	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ +60°C (-22°F ~ 140°F)	-30°C ~ +60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)
Ingress Protection	IP67	IP67	IP67	IP67	IP67
Vandal Resistant	N/A	N/A	N/A	IK10	IK10
Weight	0.45kg (0.99lb)	0.37kg (0.81lb)	0.25 kg (0.55 lb)	0.45 kg (0.99 lb)	0.37kg (0.81lb)
Power Consumption	Max 6.4W	Max 4.5W	Max 5.5W	Max 5W	Max 4.5W
Dimensions (L × W × H)	165 × 63.1 × 62.5mm (6.5"×2.5"×2.5")	167.3×62.9×62.7mm (6.6"×2.5"×2.5")	162.6 × 62.4 ×62.7 mm (6.4" × 2.5" × 2.5")	Φ 109 x 81 mm (Ø4.29" x 3.2")	Φ 109×81mm (Ø4.3"×3.2")

Easy Basic

Model	IPC3612LR3-PF28(40)-D	IPC2322LBR3-SP-D	IPC2322LBR3-SPZ28-D	IPC3232LR3-VSP-D	IPC3232LR3-VSPZ28-D
Appearance					
Axis	3-Axis	3-Axis	3-Axis	3-Axis	3-Axis
Low illumination characteristics	Low-light	Low-light	Low-light	Low-light	Low-light
Adjustment angle	Pan: 0°~360° Tilt: 0°~90° Rotate: 0°~360°	Pan: 0°~360° Tilt: 0°~90° Rotate: 0°~360°	Pan: 0°~360° Tilt: 0°~90° Rotate: 0°~360°	Pan: 0°~360° Tilt: 0°~80° Rotate: 0°~360°	Pan: 0°~360° Tilt: 0°~80° Rotate: 0°~360°
Sensor	1/2.7"/2MP/CMOS	1/2.7"/2MP/CMOS	1/2.7"/2MP/CMOS	1/2.7"/2MP/CMOS	1/2.7"/2MP/CMOS
Wide Dynamic Range	Digital WDR	Digital WDR	Digital WDR	Digital WDR	Digital WDR
Zoom	Fixed	Manual	Motorized	Manual	Motorized
Lens	Focus: 2.8mm, 4.0mm Iris: F2.0 Angle of view (H): 112.7°/86.5°	Focus: 2.8~12mm Iris: F1.6 Angle of view (H): 95°~28.1°	Focus: 2.8~12mm Iris: F1.6 Angle of view (H): 95°~28.1°	Focus: 2.8~12mm Iris: F1.6 Angle of view (H): 116.5° ~ 31.1°	Focus: 2.8~12mm Iris: F1.6 Angle of view (H): 116.5° ~ 31.1°
Iris	Fixed	Fixed	Fixed	Fixed	Fixed
Min. illumination	Color: 0.02Lux (F2.0, AGC ON) 0Lux with IR	Color: 0.01Lux (F1.6, AGC ON) 0Lux with IR	Color: 0.01Lux (F1.6, AGC ON) 0Lux with IR	Color: 0.01Lux (F1.6, AGC ON) 0Lux with IR	Color: 0.01Lux (F1.6, AGC ON) 0Lux with IR
IR	Up to 30m (98ft)	Up to 30m (98ft)	Up to 30m (98ft)	Up to 30m (98ft)	Up to 30m (98ft)
Video Compression	Ultra265, H.265,H.264, MJPEG	Ultra265, H.265,H.264, MJPEG	Ultra265, H.265,H.264, MJPEG	Ultra265, H.265,H.264, MJPEG	Ultra265,H.265, H.264, MJPEG
Smart Function	√	√	√	√	√
Frame Rate	1920×1080 30fps	1920×1080 30fps	1920×1080 30fps	1920×1080 30fps	1920×1080 30fps
9:16 Corridor Mode	N/A	N/A	N/A	N/A	N/A
Video Streaming	Triple streams	Triple streams	Triple streams	Triple streams	Triple streams
Privacy Mask	√	√	√	√	√
The number of OSD	Up to 4 OSDs	Up to 4 OSDs	Up to 4 OSDs	Up to 4 OSDs	Up to 4 OSDs
Audio I/O	N/A	N/A	N/A	N/A	N/A
Alarm I/O	N/A	N/A	N/A	N/A	N/A
BNC	N/A	N/A	N/A	N/A	N/A
Edge Storage	N/A	MicroSD, up to 256GB	MicroSD, up to 256GB	MicroSD, up to 256GB	MicroSD, up to 256GB
Network Interface	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet
Reset Button	N/A	N/A	N/A	√	√
Power	DC 12V ±25% PoE (IEEE 802.3af)	DC 12V ±25% PoE (IEEE 802.3af)	DC 12V ±25% PoE (IEEE 802.3af)	DC 12V ±25% PoE (IEEE 802.3af)	DC 12V ±25% PoE (IEEE 802.3af)
Working Environment	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-40°C ~ 60°C (-40°F ~ 140°F)	-40°C ~ 60°C (-40°F ~ 140°F)
Ingress Protection	IP67	IP67	IP67	IP67	IP67
Vandal Resistant	N/A	N/A	N/A	IK10	IK10
Weight	0.3kg (0.66lb)	1kg(2.2lb)	1kg(2.2lb)	0.92kg (2.0lb)	0.92kg (2.0lb)
Power Consumption	Max 4.5W	Max 6.5W	Max 6.5W	Max 6.5W	Max 6.5W
Dimensions (L × W × H)	Φ118×96mm (Φ4.6"×3.8")	253.4×86×71.7mm (9.98"×3.4"×2.8")	253.4×86×71.7mm(9.98"×3.4"×2.8")	Φ148×111.3mm (Φ5.8"×4.4")	Φ148×111.3mm (Φ5.8"×4.4")

Easy Basic

Model	IPC2123LR3-PF28(40)M-F	IPC323LR3-VSPF28(40)-F	IPC3613LR3-PF28(40)-F	IPC2124LR3-PF28M-D	IPC2124LR3-PF40(60)M-D
Appearance					
Axis	3-Axis	2-Axis	3-Axis	3-Axis	3-Axis
Low illumination characteristics	Low-light	Low-light	Low-light	Low-light	Low-light
Adjustment angle	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°
Sensor	1/2.7"/3MP/CMOS	1/2.7"/3MP/CMOS	1/2.7"/3MP/CMOS	1/3"/4MP/CMOS	1/3"/4MP/CMOS
Wide Dynamic Range	Digital WDR	Digital WDR	Digital WDR	Digital WDR	Digital WDR
Zoom	Fixed	Fixed	Fixed	Fixed	Fixed
Lens	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°
Iris	Fixed	Fixed	Fixed	Fixed	Fixed
Min. illumination	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
IR	Up to 30m (98ft)	Up to 30m (98ft)	Up to 30m (98ft)	Up to 30m (98ft)	Up to 30m (98ft)
Video Compression	Ultra265, H.265,H.264	Ultra265, H.265,H.264	Ultra265, H.265,H.264	Ultra265, H.265,H.264, MJPEG	Ultra265, H.265,H.264, MJPEG
Smart Function	√	√	√	√	√
Frame Rate	2304x1296 20fps	2304x1296 20fps	2304x1296 20fps	2592×1520 20fps	2592×1520 20fps
9:16 Corridor Mode	N/A	N/A	N/A	N/A	N/A
Video Streaming	dual streams	dual streams	dual streams	Triple Streams	Triple Streams
Privacy Mask	√	√	√	√	√
The number of OSD	Up to 4 OSDs	Up to 4 OSDs	Up to 4 OSDs	Up to 4 OSDs	Up to 4 OSDs
Audio I/O	N/A	N/A	N/A	N/A	N/A
Alarm I/O	N/A	N/A	N/A	N/A	N/A
BNC	N/A	N/A	N/A	N/A	N/A
Edge Storage	N/A	N/A	N/A	N/A	N/A
Network Interface	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet
Reset Button	√	N/A	N/A	√	√
Power	DC 12V ±25% PoE (IEEE 802.3af)	DC 12V ±25% PoE (IEEE 802.3af)	DC 12V ±25% PoE (IEEE 802.3af)	DC 12V ±25% PoE (IEEE 802.3af)	DC 12V ±25% PoE (IEEE 802.3af)
Working Environment	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)
Ingress Protection	IP67	IP67	IP67	IP67	IP67
Vandal Resistant	N/A	IK10	N/A	N/A	N/A
Weight	0.37kg (0.81lb)	0.45kg (0.99lb)	0.3kg (0.66lb)	0.45kg (0.99lb)	0.37kg (0.81lb)
Power Consumption	4W	4W	4W	Max 6.4W	Max 4W
Dimensions (L × W × H)	167.3 × 62.9 × 62.7mm (6.6" × 2.5" × 2.5")	Φ109 x 81mm (Ø4.3" x 3.2")	Φ118 x 96mm (Φ4.6" x 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
Appearance					
Axis	3-Axis	2-Axis	3-Axis	3-Axis	3-Axis
Low illumination characteristics	Low-light	Low-light	Low-light	Low-light	Low-light
Adjustment angle	Pan: 0°~360° Tilt: 0°~90° Rotate: 0°~360°	Pan: 0°~360° Tilt: 0°~75°	Pan: 0°~360° Tilt: 0°~90° Rotate: 0°~360°	Pan: 0°~360° Tilt: 0°~90° Rotate: 0°~360°	Pan: 0°~360° Tilt: 0°~90° Rotate: 0°~360°
Sensor	1/2.7"/4MP/CMOS	1/3"/4MP/CMOS	1/3"/4MP/CMOS	1/3"/4MP/CMOS	1/3"/4MP/CMOS
Wide Dynamic Range	Digital WDR	Digital WDR	Digital WDR	Digital WDR	Digital WDR
Zoom	Fixed	Fixed	Fixed	Manual	Motorized
Lens	Focus: 4mm 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°
Iris	Fixed	Fixed	Fixed	Fixed	Fixed
Min. illumination	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
IR	Up to 30m (98ft)	Up to 30m (98ft)	Up to 30m (98ft)	Up to 30m (98ft)	Up to 30m (98ft)
Video Compression	Ultra265, H.265,H.264, MJPEG	Ultra265, H.265,H.264, MJPEG	Ultra265, H.265,H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG
Smart Function	√	√	√	√	√
Frame Rate	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;
9:16 Corridor Mode	N/A	N/A	N/A	N/A	N/A
Video Streaming	Triple Streams	Triple Streams	Triple streams	Triple streams	Triple streams
Privacy Mask	√	√	√	√	√
The number of OSD	Up to 4 OSDs	Up to 4 OSDs	Up to 4 OSDs	Up to 4 OSDs	Up to 4 OSDs
Audio I/O	N/A	N/A	N/A	N/A	N/A
Alarm I/O	N/A	N/A	N/A	N/A	N/A
BNC	N/A	N/A	N/A	N/A	N/A
Edge Storage	MicroSD, up to 256GB	N/A	N/A	MicroSD, up to 256GB	MicroSD, up to 256GB
Network Interface	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
Reset Button	√	N/A	N/A	N/A	N/A
Power	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)
Working Environment	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)
Ingress Protection	IP67	IP67	IP67	IP67	IP67
Vandal Resistant	N/A	IK10	N/A	N/A	N/A
Weight	0.25kg (0.55lb)	0.35kg (0.77lb)	0.35kg (0.77lb)	1kg (2.2lb)	1kg (2.2lb)
Power Consumption	Max 4W	Max 4W	Max 4W	Max 6.5W	Max 6.5W
Dimensions (L × W × H)	161.1×62.4×62.7 mm (6.3"×2.5"×2.5")	Φ109×81mm (Ø4.3"×3.2")	Φ118×96mm (Φ4.6"×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
Appearance				
Axis	3-Axis	3-Axis	3-Axis	2-Axis
Low illumination characteristics	Low-light	Low-light	Low-light	Low-light
Adjustment angle	Pan: 0°~360° Tilt: 0°~80° Rotate: 0°~360°	Pan: 0°~360° Tilt: 0°~80° Rotate: 0°~360°	Pan: 0°~360° Tilt: 0°~90° Rotate: 0°~360°	Pan: 0°~360° Tilt: 0°~75°
Sensor	1/3"/4MP/CMOS	1/3"/4MP/CMOS	1/2.7"/5MP/CMOS	1/2.7"/5MP/CMOS
Wide Dynamic Range	Digital WDR	Digital WDR	Digital WDR	Digital WDR
Zoom	Manual	Motorized	Fixed	Fixed
Lens	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°
Iris	Fixed	Fixed	Fixed	Fixed
Min. illumination	Color: 0.01Lux (F1.6, AGC ON) 0Lux with IR	Color: 0.01Lux (F1.6, AGC ON) 0Lux with IR	Color: 0.01Lux (F2.0, AGC ON) 0Lux with IR	Color: 0.01Lux (F2.0, AGC ON) 0Lux with IR
IR	Up to 30m (98ft)	Up to 30m (98ft)	Up to 30m (98ft)	Up to 30m (98ft)
Video Compression	Ultra265, H.265,H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG
Smart Function	√	√	√	√
Frame Rate	2592×1520 20 fps 2048×1520 20 fps 1920×1080 20 fps	2592×1520 20 fps 2048×1520 20 fps 1920×1080 20 fps	2592x1944 20fps 2592×1520 20fps 2048x1520 20fps 1920x1080 20fps	2592x1944 20fps 2592×1520 20fps 2048x1520 20fps 1920x1080 20fps
9:16 Corridor Mode	N/A	N/A	N/A	N/A
Video Streaming	Triple streams	Triple streams	Dual streams	Dual streams
Privacy Mask	√	√	√	√
The number of OSD	Up to 4 OSDs	Up to 4 OSDs	Up to 4 OSDs	Up to 4 OSDs
Audio I/O	N/A	N/A	N/A	N/A
Alarm I/O	N/A	N/A	N/A	N/A
BNC	N/A	N/A	N/A	N/A
Edge Storage	MicroSD, up to 256GB	MicroSD, up to 256GB	N/A	N/A
Network Interface	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet
Reset Button	√	√	√	N/A
Power	DC 12V ±25% PoE (IEEE 802.3af)	DC 12V ±25% PoE (IEEE 802.3af)	DC 12V ± 25% , PoE (IEEE 802.3af)	DC 12V ±25% PoE (IEEE 802.3af)
Working Environment	-40°C ~ 60°C (-40°F ~ 140°F)	-40°C ~ 60°C (-40°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)
Ingress Protection	IP67	IP67	IP67	IP67
Vandal Resistant	IK10	IK10	N/A	IK10
Weight	0.92kg (2.0lb)	0.92kg (2.0lb)	0.37kg (0.81lb)	0.35kg (0.77lb)
Power Consumption	Max 6.0W	Max 6.3W	Max 4W	Max 4W
Dimensions (L × W × H)	Φ148×111.3mm (Φ5.8"×4.4")	Φ148×111.3mm (Φ5.8"×4.4")	167.3×62.9×62.7mm (6.6"×2.5"×2.5")	Φ109×81mm (Ø4.3"×3.2")

Easy Basic

Model	IPC3615LR3-PF28(40)-D	IPC2325LBR3-SP-D	IPC2325LBR3-SPZ28-D	IPC3235LR3-VSP-D
Appearance				
Axis	3-Axis	3-Axis	3-Axis	3-Axis
Low illumination characteristics	Low-light	Low-light	Low-light	low-light
Adjustment angle	Pan: 0°~360° Tilt: 0°~90° Rotate: 0°~360°	Pan: 0°~360° Tilt: 0°~90° Rotate: 0°~360°	Pan: 0°~360° Tilt: 0°~90° Rotate: 0°~360°	Pan: 0°~360° Tilt: 0°~80° Rotate: 0°~360°
Sensor	1/2.7"/5MP/CMOS	1/2.7"/5MP/CMOS	1/2.7"/5MP/CMOS	1/2.7"/5MP/CMOS
Wide Dynamic Range	Digital WDR	Digital WDR	Digital WDR	Digital WDR
Zoom	Fixed	Manual	Motorized	manual
Lens	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°
Iris	Fixed	Fixed	Fixed	Fixed
Min. illumination	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
IR	Up to 30m (98ft)	Up to 30m (98ft)	Up to 30m (98ft)	Up to 30m (98ft)
Video Compression	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra 265,H.265, H.264,MJPEG
Smart Function	√	√	√	√
Frame Rate	2592x1944 20fps 2592×1520 20fps 2048x1520 20fps 1920x1080 20fps	2592x1944 20fps 2592×1520 20fps 2048x1520 20fps 1920x1080 20fps	2592x1944 20fps 2592×1520 20fps 2048x1520 20fps 1920x1080 20fps	2592x1944 20fps 2592×1520 20fps 2048x1520 20fps 1920x1080 20fps
9:16 Corridor Mode	N/A	N/A	N/A	N/A
Video Streaming	Dual streams	Dual streams	Dual streams	Dual streams
Privacy Mask	√	√	√	√
The number of OSD	Up to 4 OSDs	Up to 4 OSDs	Up to 4 OSDs	Up to 4 OSDs
Audio I/O	N/A	N/A	N/A	N/A
Alarm I/O	N/A	N/A	N/A	N/A
BNC	N/A	N/A	N/A	N/A
Edge Storage	N/A	MicroSD, up to 256GB	MicroSD, up to 256GB	MicroSD, up to 256GB
Network Interface	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet
Reset Button	N/A	N/A	N/A	√
Power	DC 12V ±25% PoE (IEEE 802.3af)	DC 12V ±25% PoE (IEEE 802.3af)	DC 12V ±25% PoE (IEEE 802.3af)	DC 12V ±25% PoE (IEEE 802.3af)
Working Environment	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-40°C ~ 60°C (-40°F ~ 140°F)
Ingress Protection	IP67	IP67	IP67	IP67
Vandal Resistant	N/A	N/A	N/A	IK10
Weight	0.35kg (0.77lb)	1kg (2.2lb)	1kg (2.2lb)	0.92kg (2.0lb)
Power Consumption	Max 4W	Max 7.0W	Max 7.0W	Max 8.7W
Dimensions (L × W × H)	Φ118×96 mm (Φ4.6"×3.8")	253.4×86×71.7mm(9.98"×3.4"×2.8")	253.4×86×71.7mm(9.98"×3.4"×2.8")	Φ148 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
Appearance				
Axis	3-Axis	3-Axis	3-Axis	3-Axis
Low illumination characteristics	low-light	Low-light	Low-light	Low-light
Adjustment angle	Pan: 0°~360° Tilt: 0°~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°
Sensor	1/2.7"/5MP/CMOS	1/3"/8MP/CMOS	1/3"/8MP/CMOS	1/3"/8MP/CMOS
Wide Dynamic Range	Digital WDR	120dB True WDR	120dB True WDR	120dB True WDR
Zoom	motorized	Fixed	Fixed	Fixed
Lens	Focus: 2.8~12mm Iris: F1.6 Angle of view (H):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°
Iris	Fixed	Fixed	Fixed	Fixed
Min. illumination	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
IR	Up to 30m (98ft)	Up to 30m (98ft)	Up to 30m (98ft)	Up to 30m (98ft)
Video Compression	Ultra 265,H.265, H.264,MJPEG	Ultra 265,H.265, H.264,MJPEG	Ultra 265,H.265, H.264,MJPEG	Ultra 265,H.265, H.264,MJPEG
Smart Function	√	√	√	√
Frame Rate	2592x1944 20fps 2592×1520 20fps 2048x1520 20fps 1920x1080 20fps	3840x2160 20fps 2592×1944 30fps 2944x1656 30fps 2560x1440 30fps 1920x1080 30fps	3840x2160 20fps 2592×1944 30fps 2944x1656 30fps 2560x1440 30fps 1920x1080 30fps	3840x2160 20fps 2592×1944 30fps 2944x1656 30fps 2560x1440 30fps 1920x1080 30fps
9:16 Corridor Mode	N/A	N/A	N/A	N/A
Video Streaming	Dual streams	Triple streams	Triple streams	Triple streams
Privacy Mask	√	√	√	√
The number of OSD	Up to 4 OSDs	Up to 4 OSDs	Up to 4 OSDs	Up to 4 OSDs
Audio I/O	N/A	N/A	N/A	N/A
Alarm I/O	N/A	N/A	N/A	N/A
BNC	N/A	N/A	N/A	N/A
Edge Storage	MicroSD, up to 256GB	N/A	N/A	N/A
Network Interface	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet
Reset Button	√	√	N/A	N/A
Power	DC 12V ±25% PoE (IEEE 802.3af)	DC 12V ±25% PoE (IEEE 802.3af)	DC 12V ±25% PoE (IEEE 802.3af)	DC 12V ±25% PoE (IEEE 802.3af)
Working Environment	-40°C ~ 60°C (-40°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-35°C ~ +60°C (-31°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)
Ingress Protection	IP67	IP67	IP67	IP67
Vandal Resistant	IK10	N/A	IK10	N/A
Weight	0.92kg (2.0lb)	0.45kg (0.99lb)	0.45kg (0.99lb)	0.33kg (0.73lb)
Power Consumption	Max 8.7W	Max 5.5W	Max 5.5W	Max 5W
Dimensions (L × W × H)	Φ148 x 111.3 mm (Ø5.8" x 4.4")	167.3×62.9×62.7 mm(6.6"×2.5"×2.5")	Φ108.7 x 81.1mm (Ø4.3" x 3.2")	Φ118×96mm (Φ4.6"×3.8")

EASY EasyStar

Model	IPC2122LR5-UPF28(40)M-F	IPC322LR3-UVSPF28(40)-F	IPC3612LR3-UPF28(40)-F	IPC2124LR5-DUPF28(40)M-F
Appearance				
Axis	3-Axis	2-Axis	3-Axis	3-Axis
Low illumination characteristics	Easystar	Easystar	Easystar	Easystar
Adjustment angle	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°
Sensor	1/2.7"/2MP/CMOS	1/2.7"/2MP/CMOS	1/2.7"/2MP/CMOS	1/3"/2MP/CMOS
Wide Dynamic Range	Digital WDR	Digital WDR	Digital WDR	120dB True WDR
Zoom	Fixed	Fixed	Fixed	Fixed
Lens	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°
Iris	Fixed	Fixed	Fixed	Fixed
Min. illumination	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
IR	Up to 50m (164ft)	Up to 30m (98ft)	Up to 30m (98ft)	Up to 50m (164ft)
Video Compression	Ultra265, H.265,H.264	Ultra265, H.265,H.264	Ultra265, H.265,H.264	Ultra265,H.265, H.264, MJPEG
Smart Function	√	√	√	√
Frame Rate	1920×1080 30fps	1920×1080 30fps	1920×1080 30fps	2592*1520 25fps
9:16 Corridor Mode	N/A	N/A	N/A	N/A
Video Streaming	dual streams	dual streams	dual streams	Dual Streams
Privacy Mask	√	√	√	√
The number of OSD	Up to 4 OSDs	Up to 4 OSDs	Up to 4 OSDs	Up to 4 OSDs
Audio I/O	N/A	N/A	N/A	N/A
Alarm I/O	N/A	N/A	N/A	N/A
BNC	N/A	N/A	N/A	N/A
Edge Storage	N/A	N/A	N/A	N/A
Network Interface	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet
Reset Button	N/A	N/A	N/A	N/A
Power	DC 12V ±25% PoE (IEEE 802.3af)	DC 12V ±25% PoE (IEEE 802.3af)	DC 12V ±25% PoE (IEEE 802.3af)	DC 12V ±25% PoE (IEEE 802.3af)
Working Environment	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)
Ingress Protection	IP67	IP67	IP67	IP67
Vandal Resistant	N/A	IK10	N/A	N/A
Weight	0.5kg (1.1lb)	0.37kg (0.81lb)	0.3kg (0.44lb)	0.5kg (1.1lb)
Power Consumption	Max 6W	Max 4.5W	Max 4.5W	Max 6W
Dimensions (L × W × H)	191.3×72.6×70.9mm (7.5"×2.9"×2.8")	Φ109 x 81mm (Ø4.3" x 3.2")	Φ118 x 96mm (Φ4.6" x 3.8")	191.3×72.6×70.9mm (7.5"×2.9"×2.8")

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-IV cameras are featured with AI algorithm that is able to reduce false alarm intelligently. Prime-III are professional cameras for color imaging in ultra-low light conditions that powered by LightHunter, Uniview's brand-new imaging technology. Prime-II series are standard cameras that have a wide range of smart functions, resolutions. 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
- Smart function: face detection, intrusion detection, scene change, crossing line detection, auto tracking, defocus detection, audio exception
- Minimum 0.0005 Lux illumination, produce clear image at low light situation
- 120dB true WDR
- Audio 1/1/, Alarm 1/1
- Support up to 128GB Micro SD card storage

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

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.

Smart Functions

Cameras in Prime series support a wide range of smart functions. For instance, crossing line, intrusion, face detection, audio exception, scene change, tampering, defocus, people counting, object abandon/removal, human body detection. Especially Prime-IV series are embedded with deep learning algorithm and chip, capable of filtering out other target such as leaves, animals, rain, birds to precisely get higher correct alarm trigger rate. In addition, Prime-I series features human body detection that only detects human figure, which can improve detection rate, prevent false trigger by other objects.

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.

Deep Learning Intelligence

Prime-IV series cameras utilize AI chip and algorithm that can filter out useless target like leaves, animals, rain, birds to get precise target classification of vehicle and human. Besides, Prime-IV cameras support accurate perimeter protection that effectively reduce false alarm. What's more, face detection, people counting are also featured.

Prime I

Model	IPC2124SR3-ADPF28(40)M-F	IPC324SR3-DVPF28(40)-F	IPC3614SR3-ADPF28(40)-F	IPC354SR3-ADNPF28-F	IPC2324SBR5-DPZ-F
Appearance					
Axis	3-Axis	3-Axis	3-Axis	3-Axis	3-Axis
Low illumination characteristics	Low-light	Low-light	Low-light	Low-light	Low-light
Adjustment angle	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: 3°~360° Tilt: 0°~68° Rotate: 3°~360°	Pan: 0°~360° Tilt: 0°~90° Rotate: 0°~360°
Sensor	1/3"/4MP/CMOS	1/3"/4MP/CMOS	1/3"/4MP/CMOS	1/3"/4MP/CMOS	1/3"/4MP/CMOS
Wide Dynamic Range	120dB True WDR	120dB True WDR	120dB True WDR	120dB True WDR	120dB True WDR
Zoom	Fixed	Fixed	Fixed	Fixed	Motorized
Lens	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°
Iris	Fixed	Fixed	Fixed	Fixed	Fixed
Min. illumination	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
IR	Up to 30m (98ft)	Up to 30m (98ft)	Up to 30m (98ft)	Up to 30m (98ft)	Up to 50m (164ft)
Video Compression	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG
Smart Function	√	√	√	√	√
Frame Rate	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 x 1080 30fps	2688*1520 30fps 2560*1440 30fps 2304*1296 30fps 1920*1080 30fps
9:16 Corridor Mode	N/A	N/A	N/A	N/A	N/A
Video Streaming	Triple streams	Triple streams	Triple streams	Triple streams	Triple streams
Privacy Mask	√	√	√	√	√
The number of OSD	Up to 4 OSDs	Up to 4 OSDs	Up to 4 OSDs	Up to 4 OSDs	Up to 4 OSDs
Audio I/O	Built-in Mic	1 / 1	Built-in Mic	1 / 1	1 / 1
Alarm I/O	N/A	1 / 1	N/A	1 / 1	1 / 1
BNC	N/A	N/A	N/A	N/A	N/A
Edge Storage	MicroSD, up to 256GB	MicoSD, up to 256G	N/A	MicoSD, up to 256G	MicroSD, up to 256GB
Network Interface	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet
Reset Button	N/A	N/A	N/A	√	N/A
Power	DC 12V ±25% PoE (IEEE 802.3af)	DC 12V ±25% PoE (IEEE 802.3af)	DC 12V ±25% PoE (IEEE 802.3af)	DC 12V ±25% PoE (IEEE 802.3af)	DC 12V ±25% PoE (IEEE 802.3af)
Working Environment	-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)
Ingress Protection	IP67	IP67	IP67	N/A	IP67
Vandal Resistant	N/A	IK10	N/A	N/A	N/A
Weight	0.45kg (0.99lb)	0.45kg (0.99lb)	0.33kg (0.73lb)	0.22kg (0.49lb)	1kg (2.2lb)
Power Consumption	Max 6.4W	Max 5.5W	Max 5.5W	Max 5.5W	Max 9.5W
Dimensions(L × W × H)	"165×63.1×62.5mm (6.5" × 2.5" × 2.5")"	Φ108.7 x 81.1mm (Ø4.3" x 3.2")	Φ118x96mm (Φ4.6"x3.8")	Φ108.5 x 61.6mm (Ø4.28" x 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
Appearance					
Axis	3-Axis	3-Axis	3-Axis	3-Axis	3-Axis
Low illumination characteristics	Low-light	Low-light	Low-light	Low-light	Low-light
Adjustment angle	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: 0°~360° Tilt: 0°~90° Rotate: 0°~360°	Pan: 3°~360° Tilt: 0°~68° Rotate: 3°~360°
Sensor	1/3"/4MP/CMOS	1/3"/4MP/CMOS	1/3"/4MP/CMOS	1/2.7"/5MP/CMOS	1/2.7"/5MP/CMOS
Wide Dynamic Range	120dB True WDR	120dB True WDR	120dB True WDR	120dB True WDR	120dB True WDR
Zoom	Motorized	Motorized	Motorized	Fixed	Fixed
Lens	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°
Iris	Fixed	Fixed	Fixed	Fixed	Fixed
Min. illumination	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
IR	Up to 30m (98ft)	Up to 30m (98ft)	Up to 30m (98ft)	Up to 30m (98ft)	Up to 30m (98ft)
Video Compression	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra 265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG
Smart Function	√	√	√	√	√
Frame Rate	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
9:16 Corridor Mode	N/A	N/A	N/A	N/A	N/A
Video Streaming	Triple streams	Triple streams	Triple streams	Triple streams	Triple streams
Privacy Mask	√	√	√	√	√
The number of OSD	Up to 4 OSDs	Up to 4 OSDs	Up to 4 OSDs	Up to 4 OSDs	Up to 4 OSDs
Audio I/O	1 / 1	1 / 1	Built-in Mic	Built-in Mic	1 / 1
Alarm I/O	1 / 1	1 / 1	N/A	N/A	1 / 1
BNC	N/A	N/A	N/A	N/A	N/A
Edge Storage	MicroSD, up to 256GB	MicroSD, up to 256GB	MicroSD, up to 256GB	MicroSD, up to 256GB	MicoSD, up to 256G
Network Interface	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet
Reset Button	√	√	√	N/A	N/A
Power	DC 12V ±25% PoE (IEEE 802.3af)	DC 12V ±25% PoE (IEEE 802.3af)	DC 12V ±25% PoE (IEEE 802.3af)	DC 12V ±25% PoE (IEEE 802.3af)	DC 12V ±25% PoE (IEEE 802.3af)
Working Environment	-35°C ~ 60°C (-31°F ~ 140°F)	-35°C ~ 60°C (-31°F ~ 140°F)	-40°C ~ 60°C (-40°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-35°C ~ 60°C (-31°F ~ 140°F)
Ingress Protection	IP67	IP66	IP67	IP67	IP67
Vandal Resistant	IK10	IK10	N/A	N/A	IK10
Weight	0.57kg (1.26lb)	0.57kg (1.26lb)	0.67kg (1.48lb)	0.45kg (0.99lb)	0.45kg (0.99lb)
Power Consumption	Max 8.7W	Max 8.7W	Max 8.16W	Max 6.4W	Max 5.5W
Dimensions(L × W × H)	Φ182.2mmx99.9mm (Ø7.2" x 3.93")	Φ182.2mmx99.9mm (Ø7.2" x 3.93")	Φ129 x 110mm (Ø5.1" x 4.3")	165×63.1×62.5mm (6.5" × 2.5" × 2.5")	Φ108.7 x 81.1mm (Ø4.3" x 3.2")

Prime I

Model	IPC3615SR3-ADPF28(40)-F	IPC2325SBR5-DPZ-F	IPC3535SR3-DVPZ-F	IPC3635SR3-ADPZ-F
Appearance				
Axis	3-Axis	3-Axis	3-Axis	3-Axis
Low illumination characteristics	Low-light	Low-light	Low-light	Low-light
Adjustment angle	Pan: 0°~360° Tilt: 0°~80° Rotate: 0°~360°	Pan: 0°~360° Tilt: 0°~90° Rotate: 0°~360°	Pan: 0°~360° Tilt: 0°~70° Rotate: 0°~360°	Pan: 0°~360° Tilt: 0°~90° Rotate: 0°~360°
Sensor	1/2.7"/5MP/CMOS	1/2.7"/5MP/CMOS	1/2.7"/5MP/CMOS	1/2.7"/5MP/CMOS
Wide Dynamic Range	120dB True WDR	120dB True WDR	120dB True WDR	120dB True WDR
Zoom	Fixed	Motorized	Motorized	Motorized
Lens	Focus: 2.8mm, 4mm Iris: F2.0 Angle of view (H): 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°
Iris	Fixed	Fixed	Fixed	Fixed
Min. illumination	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
IR	Up to 30m (98ft)	Up to 30m (98ft)	Up to 30m (98ft)	Up to 50m (164ft)
Video Compression	Ultra265, H.264, MJPEG	Ultra 265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG
Smart Function	√	√	√	√
Frame Rate	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
9:16 Corridor Mode	√	√	√	√
Video Streaming	Triple streams	Triple streams	Triple streams	Triple streams
Privacy Mask	√	√	√	√
The number of OSD	Up to 4 OSDs	Up to 4 OSDs	Up to 4 OSDs	Up to 4 OSDs
Audio I/O	Built-in Mic	Built-in Mic	1 / 1	1 / 1
Alarm I/O	N/A	N/A	1 / 1	1 / 1
BNC	N/A	N/A	N/A	N/A
Edge Storage	N/A	MicroSD, up to 256GB	MicroSD, up to 256GB	MicroSD, up to 256GB
Network Interface	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet
Reset Button	N/A	√	√	N/A
Power	DC 12V ±25% PoE (IEEE 802.3af)	DC 12V ±25% PoE (IEEE 802.3af)	DC 12V ±25% PoE (IEEE 802.3af)	DC 12V ±25% PoE (IEEE 802.3af)
Working Environment	-30°C ~ 60°C (-22°F ~ 140°F)	-40°C ~ 60°C (-40°F ~ 140°F)	-35°C ~ 60°C (-31°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)
Ingress Protection	IP67	IP67	IP67	IP67
Vandal Resistant	N/A	N/A	IK10	N/A
Weight	0.33kg (0.73lb)	0.67kg (1.48lb)	0.57kg (1.26lb)	1kg (2.2lb)
Power Consumption	Max 5.5W	Max 8.16W	Max 8.7W	Max 9.5W
Dimensions(L × W × H)	Φ118x96mm (Φ4.6"x3.8")	Φ129 x 110mm (Ø5.1" x 4.3")	Φ182.2mmx99.9mm (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
Appearance					
Axis	3-Axis	3-Axis	3-Axis	3-Axis	3-Axis
Low illumination characteristics	Low-light	Low-light	Low-light	Low-light	Low-light
Adjustment angle	Pan: 0°~360° Tilt: 0°~90° Rotate: 0°~360°	Pan: 0°~360° Tilt: 0°~90° Rotate: 0°~360°	Pan: 0°~360° Tilt: 0°~75° Rotate: 0°~360°	Pan: 0°~360° Tilt: 0°~90° Rotate: 0°~360°	Pan: 0°~360° Tilt: 0°~90° Rotate: 0°~360°
Sensor	1/2.7"/2MP/CMOS	1/2.7"/2MP/CMOS	1/2.8"/2MP/CMOS	1/2.7"/2MP/CMOS	1/2.7"/2MP/CMOS
Wide Dynamic Range	Digital WDR	Digital WDR	120dB True WDR	Digital WDR	Digital WDR
Zoom	Fixed	Fixed	Fixed	Fixed	Fixed
Lens	Focus: 4mm, 6mm Iris: F1.6 Angle of view(H): 80.8°/54.9°	Focus: 4mm, 6mm Iris: F1.6 Angle of view(H):80.8°/54.9°	Focus: 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°
Iris	Fixed	Fixed	Fixed	Fixed	Fixed
Min. illumination	Color: 0.005Lux (F1.6, AGC ON) 0Lux with IR	Color: 0.005Lux (F1.6, AGC ON) 0Lux with IR	Color: 0.003Lux (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
IR	Up to 30m (98ft)	Up to 30m (98ft)	Up to 30m (98ft)	Up to 30m (98ft)	Up to 30m (98ft)
Video Compression	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG
Smart Function	√	√	√	√	√
Frame Rate	1920×1080 30fps	1920×1080 30fps	1920×1080 30fps	1920×1080 30fps	1920×1080 30fps
9:16 Corridor Mode	√	√	√	√	√
Video Streaming	Triple Streams	Triple streams	Triple streams	Triple Streams	Triple Streams
Privacy Mask	√	√	√	√	√
The number of OSD	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs
Audio I/O	N/A	Built-in Mic	2 / 1 (Stereo)	N/A	N/A
Alarm I/O	N/A	1 / 1	1 / 1	N/A	N/A
BNC	N/A	N/A	N/A	N/A	N/A
Edge Storage	N/A	N/A	MicoSD, up to 256G	N/A	N/A
Network Interface	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet
Reset Button	√	√	N/A	N/A	N/A
Power	DC 12V ±25% PoE (IEEE 802.3af)	DC 12V ±25% PoE (IEEE 802.3af)	DC 12V ±25% PoE (IEEE 802.3af)	DC 12V±25% PoE (IEEE 802.3af)	DC 12V±25% PoE (IEEE 802.3af)
Working Environment	-35°C ~ 60°C (-31°F ~ 140°F)	-35°C ~ 60°C (-31°F ~ 140°F)	-35°C ~ 60°C (-31°F ~ 140°F)	-35°C ~ 60°C (-31°F ~ 140°F)	-35°C ~ 60°C (-31°F ~ 140°F)
Ingress Protection	IP67	IP67	IP67	IP67	IP67
Vandal Resistant	N/A	N/A	IK10	N/A	N/A
Weight	0.45kg (0.99lb)	0.45kg (0.99lb)	0.45kg (0.99lb)	0.33 kg (0.73lb)	0.45kg (0.99lb)
Power Consumption	Max 6W	Max 6W	Max 4W	Max 4.5W	Max 4.5W
Dimensions(L × W × H)	157.3×62.4×63mm (6.2"×2.5"×2.5")	157.3×62.4×63mm (6.2"×2.5"×2.5")	Φ108.5×81mm (Ø4.28"×3.2")	Φ126×94mm (Φ5.0"×3.7")	Φ126×94mm (Φ5.0"×3.7")

Prime II

Model	IPC312SR-VPF28(40)-C	IPC2322EBR5-P-C	IPC2322EBR5-DPZ28-C	IPC3232ER-VS-C	IPC3232ER-DV-C
Appearance					
Axis	3-Axis	3-Axis	3-Axis	3-Axis	3-Axis
Low illumination characteristics	Low-light	Low-light	Low-light	Low-light	Low-light
Adjustment angle	Pan: 0°~90° Tilt: 0°~65° Rotate: 0°~360°	Pan: 0°~360° Tilt: 0°~90° Rotate: 0°~360°	Pan: 0°~360° Tilt: 0°~90° Rotate: 0°~360°	Pan: 0°~360° Tilt: 0°~80° Rotate: 0°~360°	Pan: 0°~360° Tilt: 0°~80° Rotate: 0°~360°
Sensor	1/2.9"/2MP/CMOS	1/2.8"/2MP/CMOS	1/2.8"/2MP/CMOS	1/2.8"/2MP/CMOS	1/2.8"/2MP/CMOS
Wide Dynamic Range	Digital WDR	120dB True WDR	120dB True WDR	120dB True WDR	120dB True WDR
Zoom	Fixed	Manual	Motorized	Manual	Manual
Lens	Focus: 2.8mm, 4.0mm Iris: F2.0 Angle of view (H): 107.8°/82.0°	Focus: 2.8 ~ 12mm Iris: F1.6 Angle of view(H): 94.0° ~ 28°	Focus: 2.8 ~ 12mm Iris: F1.6 Angle of view(H): 94.0° ~ 28°	Focus: 2.8~12mm Iris: F1.6 Angle of view (H): 94.0°~28°	Focus: 2.8~12mm Iris: F1.6 Angle of view (H): 94.0°~28°
Iris	Fixed	Fixed	Fixed	Fixed	Fixed
Min. illumination	Color: 0.005Lux (F2.0, AGC ON) 0Lux with IR	Color: 0.001Lux (F1.6, AGC ON) 0Lux with IR	Color: 0.001Lux (F1.6, AGC ON) 0Lux with IR	Color: 0.001Lux (F1.6, AGC ON) 0Lux with IR	Color: 0.001Lux (F1.6, AGC ON) 0Lux with IR
IR	Up to 15m (49ft)	Up to 50m (164ft)	Up to 50m (164ft)	Up to 30m (98ft)	Up to 30m (98ft)
Video Compression	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG
Smart Function	√	√	√	√	√
Frame Rate	1920×1080 30fps	1920×1080 30fps	1920×1080 30fps	1920×1080 30fps	1920×1080 30fps
9:16 Corridor Mode	√	√	√	√	√
Video Streaming	Triple streams	Triple streams	Triple Streams	Triple streams	Triple streams
Privacy Mask	√	√	√	√	√
The number of OSD	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs
Audio I/O	1 / 1 and Built-in Mic	1 / 1	1 / 1	N/A	1 / 1
Alarm I/O	N/A	1 / 1	1 / 1	N/A	1 / 1
BNC	N/A	N/A	N/A	1	1
Edge Storage	MicroSD, up to 256GB	MicroSD, up to 256GB	MicroSD, Up to 256GB	MicroSD, up to 256GB	MicroSD, up to 256GB
Network Interface	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet
Reset Button	N/A	N/A	N/A	√	√
Power	DC 12V ±25% PoE (IEEE 802.3af)	DC 12V ±25% PoE (IEEE 802.3af)	DC 12V ±25% PoE (IEEE 802.3af)	DC 12V ±25% PoE (IEEE 802.3af)	DC 12V ±25% PoE (IEEE 802.3af)
Working Environment	-35°C ~ 60°C (-31°F ~ 140°F)	-35°C ~ 60°C (-31°F ~ 140°F)	-35°C ~ 60°C (-31°F ~ 140°F)	-40°C ~ 60°C (-40°F ~ 140°F)	-40°C ~ 60°C (-40°F ~ 140°F)
Ingress Protection	IP67	IP67	IP67	IP67	IP67
Vandal Resistant	IK10	N/A	N/A	IK10	IK10
Weight	0.25kg (0.55lb)	1kg (2.2lb)	1kg (2.2lb)	0.92kg (2.0lb)	0.92kg (2.0lb)
Power Consumption	Max 4.5W	Max 9W	Max 9W	Max 7.2W	Max 7.2W
Dimensions(L × W × H)	Φ110×61mm (Φ4.3"×2.4")	253.4×86×71.7mm (9.98"×3.4"×2.8")	253.4×86×71.7mm (9.98"×3.4"×2.8")	Φ148×111.3mm (Φ5.8"×4.4")	Φ148×111.3mm (Φ5.8"×4.4")

Prime II

Model	IPC3232ER3-DVZ28-C	IPC3632ER3-DPZ28-C	IPC2124SR3-DPF36(60)	IPC2124SR3-APF40(60)	IPC2124ER3-DPF40(60)
Appearance					
Axis	3-Axis	3-Axis	3-Axis	3-Axis	3-Axis
Low illumination characteristics	Low-light	Low-light	Low-light	Low-light	Low-light
Adjustment angle	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°
Sensor	1/2.8"/2MP/CMOS	1/2.8"/2MP/CMOS	1/3"/4MP/CMOS	1/3"/4MP/CMOS	1/3"/4MP/CMOS
Wide Dynamic Range	120dB True WDR	120dB True WDR	120dB True WDR	120dB True WDR	120dB True WDR
Zoom	Motorized	Motorized	Fixed	Fixed	Fixed
Lens	Focus: 2.8~12mm Iris: F1.6 Angle of view (H): 94.0°~28°	Focus: 2.8~12mm Iris: F1.6 Angle of View (H): 94.0°~28°	Focus: 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°
Iris	Fixed	Fixed	Fixed	Fixed	Fixed
Min. illumination	Color: 0.001Lux (F1.6, AGC ON) 0Lux with IR	Color: 0.001Lux (F1.6, AGC ON) 0Lux with IR	Color: 0.03Lux (F2.0, AGC ON) 0Lux with IR	Color: 0.03Lux (F2.0, AGC ON) 0Lux with IR	Color: 0.03Lux (F2.0, AGC ON) 0Lux with IR
IR	Up to 30m (98ft)	Up to 30m (98ft)	Up to 30m (98ft)	Up to 30m (98ft)	Up to 30m (98ft)
Video Compression	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG
Smart Function	√	√	√	√	√
Frame Rate	1920×1080 30fps	1920×1080 30fps	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
9:16 Corridor Mode	√	√	√	√	√
Video Streaming	Triple streams	Triple streams	Triple streams	Triple streams	Triple streams
Privacy Mask	√	√	√	√	√
The number of OSD	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs
Audio I/O	1 / 1	Built-in Mic	N/A	Built-in Mic	N/A
Alarm I/O	1 / 1	N/A	N/A	1 / 1	N/A
BNC	1	N/A	N/A	N/A	N/A
Edge Storage	MicroSD, up to 256GB	MicroSD, up to 256GB	N/A	N/A	MicroSD, up to 256GB
Network Interface	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet
Reset Button	√	√	√	√	√
Power	DC 12V ±25% PoE (IEEE 802.3af)	DC 12V ±25% PoE (IEEE 802.3af)	DC 12V ±25% PoE (IEEE 802.3af)	DC 12V ±25% PoE (IEEE 802.3af)	DC 12V ±25% PoE (IEEE 802.3af)
Working Environment	-40°C ~ 60°C (-40°F ~ 140°F)	-40°C ~ 60°C (-40°F ~ 140°F)	-35°C ~ 60°C (-31°F ~ 140°F)	-35°C ~ 60°C (-31°F ~ 140°F)	-35°C ~ 60°C (-31°F ~ 140°F)
Ingress Protection	IP67	IP67	IP67	IP67	IP67
Vandal Resistant	IK10	N/A	N/A	N/A	N/A
Weight	0.92kg (2.0lb)	0.67kg (1.48lb)	0.45kg (0.99lb)	0.45kg (0.99lb)	0.45kg (0.99lb)
Power Consumption	Max 7.2W	Max 8.16W	Max 6W	Max 6W	Max 6.5W
Dimensions(L × W × H)	Φ148×111.3mm (Φ5.8"×4.4")	Φ129×110mm (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)
Appearance					
Axis	3-Axis	3-Axis	3-Axis	3-Axis	3-Axis
Low illumination characteristics	Low-light	Low-light	Low-light	Low-light	Low-light
Adjustment angle	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°~90° Tilt: 0°~65° Rotate: 0°~360°
Sensor	1/3"/4MP/CMOS	1/3"/4MP/CMOS	1/3"/4MP/CMOS	1/3"/4MP/CMOS	1/3"/4MP/CMOS
Wide Dynamic Range	120dB True WDR	120dB True WDR	120dB True WDR	120dB True WDR	120dB True WDR
Zoom	Fixed	Fixed	Fixed	Fixed	Fixed
Lens	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°
Iris	Fixed	Fixed	Fixed	Fixed	Fixed
Min. illumination	Color: 0.03Lux (F2.0, AGC ON) 0Lux with IR	Color: 0.03Lux (F2.0, AGC ON) 0Lux with IR	Color: 0.03Lux (F2.0, AGC ON) 0Lux with IR	Color: 0.03Lux (F2.0, AGC ON) 0Lux with IR	Color: 0.03Lux (F2.0, AGC ON) 0Lux with IR
IR	Up to 50m (164ft)	Up to 30m (98ft)	Up to 30m (98ft)	Up to 30m (98ft)	Up to 15m (49ft)
Video Compression	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG
Smart Function	√	√	√	√	√
Frame Rate	2592×1520 20fps 2560×1440 25fps 2048×1520 30fps 1920×1080 30fps	2592 × 1520 20fps 2560 × 1440 25fps 2048 x 1520 30fps 1920 x 1080 30fps	2592 × 1520 20fps 2560 × 1440 25fps 2048 x 1520 30fps 1920 x 1080 30fps	2592 × 1520 20fps 2560 × 1440 25fps 2048 x 1520 30fps 1920 x 1080 30fps	2592 × 1520 20fps 2560 × 1440 25fps 2048 x 1520 30fps 1920 x 1080 30fps
9:16 Corridor Mode	√	√	√	√	√
Video Streaming	Triple Streams	Triple streams	Triple streams	Triple streams	Triple streams
Privacy Mask	√	√	√	√	√
The number of OSD	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs
Audio I/O	N/A	2 / 1 (Stereo)	N/A	N/A	1 / 1 and Built-in Mic
Alarm I/O	N/A	1 / 1	N/A	N/A	N/A
BNC	N/A	N/A	N/A	N/A	N/A
Edge Storage	MicroSD, up to 256GB	MicoSD, up to 256G	N/A	N/A	MicroSD, up to 256GB
Network Interface	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet
Reset Button	N/A	N/A	N/A	N/A	N/A
Power	DC 12V ±25% PoE (IEEE 802.3af)	DC 12V ±25% PoE (IEEE 802.3af)	DC 12V ±25% PoE (IEEE 802.3af)	DC 12V ±25% PoE (IEEE 802.3af)	DC 12V ±25% PoE (IEEE 802.3af)
Working Environment	-35°C ~ 60°C (-31°F ~ 140°F)	-35°C ~ 60°C (-31°F ~ 140°F)	-35°C ~ 60°C (-31°F ~ 140°F)	-35°C ~ 60°C (-31°F ~ 140°F)	-35°C ~ 60°C (-31°F ~ 140°F)
Ingress Protection	IP67	IP67	IP67	IP67	IP66
Vandal Resistant	N/A	IK10	N/A	N/A	IK10
Weight	1kg (2.2lb)	0.45kg (0.99lb)	0.33kg (0.73lb)	0.45kg (0.99lb)	0.25kg (0.55lb)
Power Consumption	Max 9W	Max 5W	Max 5W	Max 5W	Max 4.5W
Dimensions(L × W × H)	253.4×86×71.7mm (9.98"×3.4"×2.8")	Φ108.5x81mm (Ø4.28"x3.2")	Φ126×94mm (Φ5.0"x3.7")	Φ126×94mm (Φ5.0"x3.7")	Φ110×61mm (Φ4.3"x2.4")

Prime II

Model	IPC2324EBR-DP	IPC2324EBR-DPZ28	IPC3234SR-DV	IPC3234SR3-DVZ28	IPC3634ER3-DPZ28
Appearance					
Axis	3-Axis	3-Axis	3-Axis	3-Axis	3-Axis
Low illumination characteristics	Low-light	Low-light	Low-light	Low-light	Low-light
Adjustment angle	Pan: 0°~360° Tilt: 0°~90° Rotate: 0°~360°	Pan: 0°~360° Tilt: 0°~90° Rotate: 0°~360°	Pan: 0°~360° Tilt: 0°~80° Rotate: 0°~360°	Pan: 0°~360° Tilt: 0°~90° Rotate: 0°~360°	Pan: 0°~360° Tilt: 0°~90° Rotate: 0°~360°
Sensor	1/3"/4MP/CMOS	1/3"/4MP/CMOS	1/3"/4MP/CMOS	1/3"/4MP/CMOS	1/3"/4MP/CMOS
Wide Dynamic Range	120dB True WDR	120dB True WDR	120dB True WDR	120dB True WDR	120dB True WDR
Zoom	Manual	Motorized	Manual	motorized	Motorized
Lens	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°
Iris	Fixed	Fixed	Fixed	Fixed	Fixed
Min. illumination	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
IR	Up to 30m (98ft)	Up to 30m (98ft)	Up to 30m (98ft)	Up to 30m (98ft)	Up to 30m (98ft)
Video Compression	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG
Smart Function	√	√	√	√	√
Frame Rate	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 x 1520 30fps 1920 x 1080 30fps	2592 × 1520 20fps 2560 × 1440 25fps 2048 x 1520 30fps 1920 x 1080 30fps	2592 × 1520 20fps 2560 × 1440 25fps 2048 x 1520 30fps 1920 x 1080 30fps
9:16 Corridor Mode	√	√	√	√	√
Video Streaming	Triple streams	Triple Streams	Triple streams	Triple streams	Triple streams
Privacy Mask	√	√	√	√	√
The number of OSD	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs
Audio I/O	1 / 1	1 / 1	1 / 1	1 / 1	Built-in Mic
Alarm I/O	1 / 1	1 / 1	1 / 1	1 / 1	N/A
BNC	1	N/A	1	1	N/A
Edge Storage	MicroSD, up to 256GB	MicroSD, Up to 256GB	MicroSD, up to 256GB	MicroSD, up to 256GB	MicroSD, up to 256GB
Network Interface	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet
Reset Button	N/A	N/A	√	√	√
Power	DC 12V ±25% PoE (IEEE 802.3af)	DC 12V ±25% PoE (IEEE 802.3af)	DC 12V ±25% PoE (IEEE 802.3af)	DC 12V ±25% PoE (IEEE 802.3af)	DC 12V ±25% PoE (IEEE 802.3af)
Working Environment	-35°C ~ 60°C (-31°F ~ 140°F)	-35°C ~ 60°C (-31°F ~ 140°F)	-40°C ~ 60°C (-40°F ~ 140°F)	-40°C ~ 60°C (-40°F ~ 140°F)	-40°C ~ 60°C (-40°F ~ 140°F)
Ingress Protection	IP67	IP67	IP67	IP67	IP67
Vandal Resistant	N/A	N/A	IK10	IK10	N/A
Weight	1kg (2.2lb)	1kg (2.2lb)	0.92kg (2.0lb)	0.75kg (1.7lb)	0.82kg (1.8lb)
Power Consumption	Max 9W	Max 9W	Max 7.2W	Max 7.2W	Max 8.16W
Dimensions(L × W × H)	253.4×86×71.7mm (9.98"×3.4"×2.8")	253.4×86×71.7mm (9.98"×3.4"×2.8")	Φ148×111.3mm (Φ5.8"×4.4")	Φ148×111.3mm (Φ5.8"×4.4")	Φ129×110mm (Ø5.08"×4.3")

Prime II

Model	IPC2125SR3-ADUPF40(60)	IPC325ER3-DUVPF28(40)	IPC3615ER3-ADUPF28(40)M	IPC2325EBR5-DUPZ	IPC3235ER3-DUVZ
Appearance					
Axis	3-Axis	3-Axis	3-Axis	3-Axis	3-Axis
Low illumination characteristics	Lighthunter	Lighthunter	Lighthunter	Lighthunter	Lighthunter
Adjustment angle	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°
Sensor	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
Wide Dynamic Range	120dB True WDR	120dB True WDR	120dB True WDR	120dB True WDR	120dB True WDR
Zoom	Fixed	Fixed	Fixed	Motorized	Motorized
Lens	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°
Iris	Fixed	Fixed	Fixed	Fixed	Fixed
Min. illumination	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
IR	Up to 30m (98ft)	Up to 30m (98ft)	Up to 30m (98ft)	Up to 50m (164ft)	Up to 30m (98ft)
Video Compression	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG
Smart Function	√	√	√	√	√
Frame Rate	2592×1944 20fps 2592x1944 25fps (WDR OFF) 2560×1440 30fps 2048x1536 30fps 1920x1080 30fps	2592×1944 20fps 2592x1944 25fps (WDR OFF) 2560×1440 30fps 2048x1536 30fps 1920x1080 30fps	2592×1944 20fps 2592x1944 25fps (WDR OFF) 2560×1440 30fps 2048x1536 30fps 1920x1080 30fps	2592×1944 20fps 2592x1944 25fps (WDR OFF) 2560×1440 30fps 2048x1536 30fps 1920x1080 30fps	2592×1944 20fps 2592x1944 25fps (WDR OFF) 2560×1440 30fps 2048x1536 30fps 1920x1080 30fps
9:16 Corridor Mode	√	√	√	√	√
Video Streaming	Triple streams	Triple streams	Triple streams	Triple Streams	Triple streams
Privacy Mask	√	√	√	√	√
The number of OSD	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs
Audio I/O	Built-in Mic	2 / 1 (Stereo)	Built-in Mic	1 / 1	1 / 1
Alarm I/O	N/A	1 / 1	N/A	1 / 1	1 / 1
BNC	N/A	N/A	N/A	N/A	1
Edge Storage	N/A	MicoSD, up to 256G	N/A	MicroSD, Up to 256GB	MicroSD, up to 256GB
Network Interface	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet
Reset Button	√	N/A	N/A	N/A	√
Power	DC 12V ±25% PoE (IEEE 802.3af)	DC 12V ±25% PoE (IEEE 802.3af)	DC 12V ±25% PoE (IEEE 802.3af)	DC 12V ±25% PoE (IEEE 802.3af)	DC 12V ±25% PoE (IEEE 802.3af)
Working Environment	-35°C ~ 60°C (-31°F ~ 140°F)	-35°C ~ 60°C (-31°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)	-35°C ~ 60°C (-31°F ~ 140°F)	-40°C ~ 60°C (-40°F ~ 140°F)
Ingress Protection	IP67	IP67	IP67	IP67	IP67
Vandal Resistant	N/A	IK10	N/A	N/A	IK10
Weight	0.45kg (0.99lb)	0.45kg (0.99lb)	0.45kg (0.99lb)	1kg (2.2lb)	0.92kg (2.0lb)
Power Consumption	Max 6W	Max 5W	Max 5W	Max 10W	Max 8.7W
Dimensions(L × W × H)	157.3×62.4×63mm (6.2"×2.5"×2.5")	Φ108.5×81mm (Ø4.28"x3.2")	Φ126×94mm (Φ5.0"×3.7")	253.4×86.4×78.7mm (10.0"×3.4"×3.1")	Φ148×111.3mm (Φ5.8"x4.4")

Prime II

Model	IPC3635ER3-DUPZ	IPC815SR-DVSPF14	IPC815SR-DVPF14	IPC2128SR3-DPF40/60
Appearance				
Axis	3-Axis	NA	NA	3-Axis
Low illumination characteristics	Lighthunter	Low-light	Low-light	Low-light
Adjustment angle	Pan: 0°~360° Tilt: 0°~90° Rotate: 0°~360°	N/A	N/A	Pan: 0°~360° Tilt: 0°~90° Rotate: 0°~360°
Sensor	1/2.7"/5MP/CMOS	1/2.8"/5MP/CMOS	1/2.8"/5MP/CMOS	1/2.5"/8MP/CMOS
Wide Dynamic Range	120dB True WDR	120dB True WDR	120dB True WDR	120dB True WDR
Zoom	Motorized	Fixed	Fixed	Fixed
Lens	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°
Iris	Fixed	Fixed	Fixed	Fixed
Min. illumination	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
IR	Up to 30m (98ft)	Up to 10m (33ft)	Up to 10m (33ft)	Up to 30m (98ft)
Video Compression	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG
Smart Function	√	√	√	√
Frame Rate	2592×1944 20fps 2592x1944 25fps (WDR OFF) 2560×1440 30fps 2048x1536 30fps 1920x1080 30fps	2592×1944 30fps 2592×1944 25fps	2592×1944 30fps 2592×1944 25fps	3840×2160 20fps 2592x1944 30fps 2944x1656 30fps 2560x1440 30fps 1920×1080 30fps
9:16 Corridor Mode	√	√	√	√
Video Streaming	Triple streams	Triple streams	Triple streams	Triple Streams
Privacy Mask	√	√	√	√
The number of OSD	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs
Audio I/O	Built-in Mic	N/A	1 / 1 and Built-in Mic	N/A
Alarm I/O	N/A	N/A	1 / 1	N/A
BNC	N/A	N/A	1	N/A
Edge Storage	MicroSD, up to 256GB	MicroSD, up to 256GB	MicroSD, up to 256GB	N/A
Network Interface	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet
Reset Button	√	√	√	√
Power	DC 12V ±25% PoE (IEEE 802.3af)	DC 12V ±25% PoE (IEEE 802.3af)	DC 12V ±25% PoE (IEEE 802.3af)	DC 12V ±25% PoE (IEEE 802.3af)
Working Environment	-40°C ~ 60°C (-40°F ~ 140°F)	-40°C ~ 60°C (-40°F ~ 140°F)	-40°C ~ 60°C (-40°F ~ 140°F)	-30°C ~ 60°C (-22°F ~ 140°F)
Ingress Protection	IP67	IP66	IP66	IP67
Vandal Resistant	N/A	IK10	IK10	N/A
Weight	0.82kg (1.8lb)	0.39kg(0.86lb)	0.39kg(0.86lb)	0.5kg (1.1lb)
Power Consumption	Max 8.16W	Max 11W	Max 11W	Max 8W
Dimensions(L × W × H)	Φ129×110mm (Ø5.08"×4.3")	Φ125×43.7mm (Φ4.9"×1.7")	Φ125×43.7mm (Φ4.9"×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
Appearance				
Axis	3-Axis	N/A	NA	NA
Low illumination characteristics	Low-light	Low-light	Low-light	Low-light
Adjustment angle	Pan: 0°~360° Tilt: 0°~90° Rotate: 0°~360°	N/A	N/A	N/A
Sensor	1/2.5"/8MP/CMOS	1/2.8"/2MP/CMOS	1/2.8"/2MP/CMOS	1/3"/4MP/CMOS
Wide Dynamic Range	120dB True WDR	120dB True WDR	Digital WDR	120dB True WDR
Zoom	Fixed	Manual(No Zoom/focus interface)	2X optical zoom 16X digital zoom	Fixed
Lens	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°
Iris	Fixed	DC-Iris/P-Iris	Fixed	Fixed
Min. illumination	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
IR	Up to 30m (98ft)	N/A	Up to 100m (328ft)	Up to 50m (164ft)
Video Compression	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG
Smart Function	√	√	√	√
Frame Rate	3840×2160 20fps 2592x1944 30fps 2944x1656 30fps 2560x1440 30fps 1920×1080 30fps	1920×1080 30fps	1920×1080 30fps	2592×1520 20fps 2560×1440 25fps 2048×1520 30fps 1920×1080 30fps
9:16 Corridor Mode	√	√	N/A	N/A
Video Streaming	Triple Streams	Triple streams	Triple Streams	Triple Streams
Privacy Mask	√	√	√	√
The number of OSD	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs
Audio I/O	N/A	1 / 1	1 / 1	1 / 1
Alarm I/O	N/A	2 / 1	2 / 1	2 / 1
BNC	N/A	1	N/A	N/A
Edge Storage	N/A	MicroSD, up to 256GB	Built-in 32 GB eMMC	Built-in 32 GB eMMC
Network Interface	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet
Reset Button	N/A	√	N/A	N/A
Power	DC 12V ±25% PoE (IEEE 802.3af)	AC 24V ±10%, DC 12V ±10% PoE (IEEE802.3af)	DC 12V ±25% PoE (IEEE 802.3at)	DC 12V ±25% PoE (IEEE 802.3at)
Working Environment	-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)
Ingress Protection	IP67	N/A	IP66	IP66
Vandal Resistant	N/A	N/A	N/A	N/A
Weight	0.45kg (0.99lb)	0.48kg(1.1lb)	1.16kg(2.6lb)	1.16kg(2.6lb)
Power Consumption	Max 5.5W	Max 6.8W	Max 17.23W	Max 17.23W
Dimensions(L × W × H)	Φ126×94mm (Φ5.0"x3.7")	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
Appearance					
Axis	3-Axis	3-Axis	3-Axis	3-Axis	3-Axis
Low illumination characteristics	Lighthunter	Lighthunter	Lighthunter	Lighthunter	Lighthunter
Adjustment angle	Pan: 0°~360° Tilt: 0°~90° Rotate: 0°~360°	Pan: 0°~360° Tilt: 0°~90° Rotate: 0°~360°	Pan: 0°~360° Tilt: 0°~90° Rotate: 0°~360°	Pan: 0°~360° Tilt: 0°~75° Rotate: 0°~360°	Pan: 0°~360° Tilt: 0°~90° Rotate: 0°~360°
Sensor	1/2.8"/2MP/CMOS	1/2.8"/2MP/CMOS	1/2.8"/2MP/CMOS	1/2.8"/2MP/CMOS	1/2.8"/2MP/CMOS
Wide Dynamic Range	120dB True WDR	120dB True WDR	120dB True WDR	120dB True WDR	120dB True WDR
Zoom	Fixed	Fixed	Fixed	Fixed	Motorized
Lens	Focus: 4mm, 6mm Iris: F1.6 Angle of view(H): 78.7°/53.3°	Focus: 4mm, 6mm Iris: F1.2 Angle of view(H):78.7°/53.3°	Focus: 4mm, 6mm Iris: F1.6 Angle of view(H): 78.7°/53.3°	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°
Iris	Fixed	Fixed	Fixed	Fixed	Fixed
Min. illumination	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
IR	Up to 30m (98ft)	Up to 50m (164ft)	Up to 50m (164ft)	Up to 30m (98ft)	Up to 50m (164ft)
Video Compression	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG
Smart Function	√	√	√	√	√
Frame Rate	1920×1080 30fps	1920×1080 30fps	1920×1080 60fps(WDR OFF)	1920×1080 30fps	1920×1080 60fps(WDR OFF)
9:16 Corridor Mode	√	√	√	√	√
Video Streaming	Triple streams	Triple streams	Triple streams	Triple streams	Triple Streams
Privacy Mask	√	√	√	√	√
The number of OSD	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs
Audio I/O	N/A	N/A	1 / 1	2 / 1 (Stereo)	1 / 1
Alarm I/O	N/A	N/A	1 / 1	1 / 1	1 / 1
BNC	N/A	N/A	1	N/A	1
Edge Storage	N/A	MicroSD, up to 256GB	MicroSD, up to 256GB	MicoSD, up to 256G	MicroSD, Up to 256GB
Network Interface	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet
Reset Button	√	N/A	N/A	N/A	N/A
Power	DC 12V ±25% PoE (IEEE 802.3af)	DC 12V ±25% PoE (IEEE 802.3af)	DC 12V ±25% PoE (IEEE 802.3af)	DC 12V ±25% PoE (IEEE 802.3af)	DC 12V ±25% PoE (IEEE 802.3af)
Working Environment	-35°C ~ 60°C (-31°F ~ 140°F)	-35°C ~ 60°C (-31°F ~ 140°F)	-35°C ~ 60°C (-31°F ~ 140°F)	-35°C ~ 60°C (-31°F ~ 140°F)	-35°C ~ 60°C (-31°F ~ 140°F)
Ingress Protection	IP67	IP67	IP67	IP67	IP67
Vandal Resistant	N/A	N/A	N/A	IK10	N/A
Weight	0.45kg (0.99lb)	1kg (2.2lb)	1kg (2.2lb)	0.45kg (0.99lb)	1kg (2.2lb)
Power Consumption	Max 6W	Max 9W	Max 7.5W	Max 4W	Max 10W
Dimensions(L × W × H)	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")	Φ108.5×81mm (Ø4.28"×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
Appearance					
Axis	3-Axis	3-Axis	3-Axis	3-Axis	3-Axis
Low illumination characteristics	Lighthunter	Lighthunter	Lighthunter	Lighthunter	Lighthunter
Adjustment angle	Pan: 0°~360° Tilt: 0°~90° Rotate: 0°~360°	Pan: 0°~360° Tilt: 0°~80° Rotate: 0°~360°	Pan: 0°~360° Tilt: 0°~90° Rotate: 0°~360°	Pan: 0°~360° Tilt: 0°~90° Rotate: 0°~360°	Pan: 0°~360° Tilt: 0°~80° Rotate: 0°~360°
Sensor	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
Wide Dynamic Range	120dB True WDR	120dB True WDR	120dB True WDR	120dB True WDR	120dB True WDR
Zoom	Motorized	Motorized	Motorized	Motorized	Motorized
Lens	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°
Iris	Fixed	Fixed	Fixed	Fixed	Fixed
Min. illumination	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
IR	Up to 50m (164ft)	Up to 30m (98ft)	Up to 30m (98ft)	Up to 50m (164ft)	Up to 30m (98ft)
Video Compression	Ultra265, H.264, MJPEG	Ultra 265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra 265, H.264, MJPEG
Smart Function	√	√	√	√	√
Frame Rate	1920×1080 30fps	1920×1080 30fps	1920×1080 30fps	3840×2160 20fps 2592x1944 30fps 2944x1656 30fps 2560x1440 30fps 1920×1080 30fps	3840×2160 20fps 2592x1944 30fps 2944x1656 30fps 2560x1440 30fps 1920×1080 30fps
9:16 Corridor Mode	√	√	√	√	√
Video Streaming	Triple Streams	Triple streams	Triple streams	Triple Streams	Triple streams
Privacy Mask	√	√	√	√	√
The number of OSD	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs
Audio I/O	1 / 1	1 / 1	Built-in Mic	1 / 1	1 / 1
Alarm I/O	1 / 1	1 / 1	N/A	1 / 1	1 / 1
BNC	N/A	1	N/A	1	1
Edge Storage	MicroSD, Up to 256GB	MicroSD, up to 256GB	MicroSD, up to 256GB	MicroSD, up to 256GB	MicroSD, up to 256GB
Network Interface	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet
Reset Button	N/A	√	√	N/A	√
Power	DC 12V ±25% PoE (IEEE 802.3af)	DC 12V ±25% PoE (IEEE 802.3af)	DC 12V ±25% PoE (IEEE 802.3af)	DC 12V ±25% PoE (IEEE 802.3af)	DC 12V ±25% PoE (IEEE 802.3af)
Working Environment	-35°C ~ 60°C (-31°F ~ 140°F)	-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)
Ingress Protection	IP67	IP67	IP67	IP67	IP67
Vandal Resistant	N/A	IK10	N/A	N/A	IK10
Weight	1kg (2.2lb)	0.92kg (2.0lb)	0.67kg (1.48lb)	1kg (2.2lb)	0.92kg (2.0lb)
Power Consumption	Max 10W	Max 8.7W	Max 8.16W	Max 10W	Max 8W
Dimensions(L × W × H)	253.4×86×71.7mm (9.98"×3.4"×2.8")	Φ148×111.3mm (Φ5.8"×4.4")	Φ129×110mm (Ø5.08"x4.3")	253.4×86.4×78.7mm (10.0"×3.4"×3.1")	Φ148×111.3mm (Φ5.8"×4.4")

Prime III

Model	IPC3638SR3-DPZ
Appearance	
Axis	3-Axis
Low illumination characteristics	Lighthunter
Adjustment angle	Pan: 0°~360° Tilt: 0°~90° Rotate: 0°~360°
Sensor	1/1.8"/8MP/CMOS
Wide Dynamic Range	120dB True WDR
Zoom	Motorized
Lens	Focus: 2.8~12mm Iris: F1.5 Angle of view(H): 114.8° ~ 47.3°
Iris	Fixed
Min. illumination	Color: 0.003Lux (F1.5, AGC ON) 0Lux with IR
IR	Up to 30m (98ft)
Video Compression	Ultra 265, H.264, MJPEG
Smart Function	√
Frame Rate	3840×2160 20fps 2592x1944 30fps 2944x1656 30fps 2560x1440 30fps 1920×1080 30fps
9:16 Corridor Mode	√
Video Streaming	Triple streams
Privacy Mask	√
The number of OSD	Up to 8 OSDs
Audio I/O	Built-in Mic
Alarm I/O	N/A
BNC	N/A
Edge Storage	MicroSD, up to 256GB
Network Interface	10M/100M Base-TX Ethernet
Reset Button	√
Power	DC 12V ±25% PoE (IEEE 802.3af)
Working Environment	-40°C ~ 60°C (-40°F ~ 140°F)
Ingress Protection	IP67
Vandal Resistant	N/A
Weight	0.82kg (1.8lb)
Power Consumption	Max 8.16W
Dimensions(L × W × H)	Φ129×110mm (Ø5.08"×4.3")

Prime IV

Model	IPC3234SA-DZK	IPC264SA-DZK
Appearance		
Axis	3-Axis	3-Axis
Low illumination characteristics	Lighthunter	Lighthunter
Adjustment angle	Pan: 0°~355° Tilt: 0°~68° Rotate: 0°~355°	Pan: 0°~360° Tilt: 0°~90° Rotate: 0°~360°
Sensor	1/1.8"/4MP/CMOS	1/1.8"/4MP/CMOS
Wide Dynamic Range	120dB True WDR	120dB True WDR
Zoom	Motorized	Motorized
Lens	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°
Iris	Auto aperture	Auto aperture
Min. illumination	Color: 0.0005Lux (F1.4, AGC ON) 0Lux with IR	Color: 0.0005Lux (F1.4, AGC ON) 0Lux with IR
IR	40m (131 ft)	Up to 50m (164ft)
Video Compression	H.265, H.264, MJPEG	H.265,H.264,MJPEG
Smart Function	√	√
Frame Rate	2688×1520 30fps 2560×1440 30fps 2560×1440 25fps 1920x1080 25fps 1920x1080 60fps	2688×1520 30fps 2560×1440 30fps 2560×1440 25fps 1920x1080 25fps 1920x1080 60fps
ROI (Region of Interest)	√	√
9:16 Corridor Mode	√	√
Video Streaming	Triple streams	Triple streams
Privacy Mask	√	√
OSD font	vector	vector
The number of OSD	Up to 8 OSDs	Up to 8 OSDs
Audio I/O	1 / 1	1 / 1
Alarm I/O	1 / 1	2 / 1
BNC	N/A	N/A
Edge Storage	MicroSD, up to 256GB	MicroSD, up to 256GB
Network Interface	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet
Reset Button	√	√
Power	AC 24V ±25%, DC 12V (±25%) PoE (IEEE802.3af)	AC 24V ±25%, DC 12V (-10%,+25%) PoE (IEEE802.3at)
Working Environment	-30°C~60°C(-22°F ~ 140°F)	-30°C~60°C(-22°F ~ 140°F)
Ingress Protection	IP67	IP67
Vandal Resistant	IK10	IK10
Weight	0.96kg(2.12lb)	1.65kg(3.64lb)
Power Consumption	Max 10W	Max 14W
Dimensions(L × W × H)	Φ148x111.3mm (Φ5.8"x4.4")	Φ306.4x104.1x98.4mm(Φ12.1"x4.1"x3.9")

Network Camera

UNV Pro series are born with excellent ultra-smart technology, deliver superior users experience.

Applied with smart function, 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
- Ultra-smart functions

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 ±25%
Wide temperature range: -40°C ~ 60°C
Surge protection designed for network interface

PR0 Basic

Model	IPC562E-DUG	IPC262EBR9-HDUPZ	IPC262EFW-DUZ
Appearance			
Axis	N/A	3-Axis	3-Axis
Low illumination characteristics	Lighthunter / Optical defog	Lighthunter	Lighthunter
Adjustment angle	N/A	Pan: 0°~360° Tilt: 0°~90° Rotate: 0°~360°	Pan: 0°~360° Tilt: 0°~90° Rotate: 0°~360°
Sensor	1/1.8"/2MP/CMOS	1/1.8"/2MP/CMOS	1/2.8"/2MP/CMOS
Wide Dynamic Range	120dB True WDR	120dB True WDR	120dB True WDR
Zoom	Motor Zoom/Focus	4X optical zoom	4X optical zoom
Lens	N/A	"Focus: 2.8~12mm Iris: F1.5 Angle of view: 87.5°~31.2°"	"Focus: 2.8~12mm Iris: F1.4 Angle of view: 105°~33°"
Iris	DC-Iris/P-Iris	DC-Iris	DC-Iris
Min. illumination	Color: 0.0005Lux (F1.2, AGC ON) B/W: 0.0005Lux (F1.2, AGC ON)	Color: 0.0005Lux (F1.5, AGC ON) 0Lux with IR	Color: 0.001Lux (F1.4, AGC ON) 0Lux with IR
IR	N/A	Up to 100m (295ft)	IR up to 50m (164ft), White Light up to 10m(33ft) with PIR Alarm
Video Compression	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG
Smart Function	√	√	√
Frame Rate	1920×1080 60fps	1920×1080 60fps	1920×1080 30fps
9:16 Corridor Mode	√	√	√
Video Streaming	Triple streams	Triple streams	Triple streams
Privacy Mask	√	√	√
The number of OSD	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs
Audio I/O	1 / 1	1 / 1	1 / 1
Alarm I/O	2 / 1	2 / 1	2 / 1
BNC	1	1	1
Edge Storage	MicroSD, up to 256GB	MicroSD, up to 256GB	MicroSD, up to 256GB
Network Interface	10M/100M Base-TX Ethernet 100M/1000M SFP	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet
Reset Button	√	√	√
Power	AC 24V ±25%, DC 12V ±25% PoE (IEEE802.3af)	AC 24V ±25%, DC 12V ±25% PoE (IEEE802.3af)	AC 24V ±25%, DC 12V ±25% PoE (IEEE802.3at)
Working Environment	-20°C ~ 60°C(-4°F ~ 140°F)	-40°C ~ 60°C (-40°F ~ 140°F)	-40°C ~ 60°C (-40°F ~ 140°F)
Ingress Protection	N/A	IP67	IP67
Vandal Resistant	N/A	N/A	N/A
Weight	0.48kg (1.1lb)	1.65kg (3.6lb)	1.65kg (3.6lb)
Power Consumption	Max 6.8W	Max 13.7W	Max 13.7W
Dimensions(L × W × H)	151.5×71×65mm (6.0"×2.8"×2.6")	305.5×104.1×97.3mm(12.0"×4.1"×3.8")	305.5×104.1×97.3mm(12.0"×4.1"×3.8")

PR0 Basic

Model	IPC262ER9-X10DU	IPC262EBR9-DUPZIT	IPC252ERA-X22DUG IPC252ERA-X22DUP
Appearance			
Axis	3-Axis	3-Axis	3-Axis
Low illumination characteristics	Lighthunter	Lighthunter	Lighthunter
Adjustment angle	Pan: 0°~360° Tilt: 0°~90° Rotate: 0°~360°	Pan: 0°~360° Tilt: 0°~90° Rotate: 0°~360°	Pan: 0°~360° Tilt: 0°~90° Rotate: 0°~360°
Sensor	1/2.8"/2MP/CMOS	1/2.8"/2MP/CMOS	1/1.8"/2MP/CMOS
Wide Dynamic Range	120dB True WDR	120dB True WDR	120dB True WDR
Zoom	10X optical zoom	10X optical zoom	22X optical zoom
Lens	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°
Iris	DC-Iris	DC-Iris	DC-Iris
Min. illumination	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
IR	Up to 100m (328ft)	Up to 100m (328ft)	Up to 200m (656ft)
Video Compression	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG
Smart Function	√	√	√
Frame Rate	1920×1080 30fps	1920×1080 60fps	1920×1080 60fps
9:16 Corridor Mode	√	√	√
Video Streaming	Triple streams	Triple streams	Triple streams
Privacy Mask	√	√	√
The number of OSD	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs
Audio I/O	1 / 1	1 / 1	1 / 1
Alarm I/O	2 / 1	2 / 1	2 / 1
BNC	1	1	1
Edge Storage	MicroSD, up to 256GB	MicroSD, up to 256GB	MicroSD, up to 256GB
Network Interface	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet -G: 100M/1000M SFP
Reset Button	√	√	√
Power	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)
Working Environment	-40°C ~ 60°C (-40°F ~ 140°F)	-40°C ~ 60°C (-40°F ~ 140°F)	-40°C ~ 60°C (-40°F ~ 140°F)
Ingress Protection	IP67	IP67	IP67
Vandal Resistant	N/A	N/A	N/A
Weight	1.65kg (3.6lb)	1.65kg (3.6lb)	3.7kg (8.2lb)
Power Consumption	Max 13.7W	Max 14W	Max 21W
Dimensions(L × W × H)	305.5×104.1×97.3mm(12.0"×4.1"×3.8")	305.5×104.1×97.3mm(12.0"×4.1"×3.8")	396.5×137×112mm(15.6"×5.4"×4.4")

PR0 Basic

Model	IPC3232ER3-DUVZ	IPC3232ER3-HDUVZ	IPC568E-G
Appearance			
Axis	3-Axis	3-Axis	N/A
Low illumination characteristics	Lighthunter	Lighthunter	Low-light / Optical defog
Adjustment angle	Pan: 0°~360° Tilt: 0°~80° Rotate: 0°~360°	Pan: 0°~360° Tilt: 0°~80° Rotate: 0°~360°	N/A
Sensor	1/2.8"/2MP/CMOS	1/1.8"/2MP/CMOS	1/1.7"/12MP/CMOS
Wide Dynamic Range	120dB True WDR	120dB True WDR	Digital WDR
Zoom	4X optical zoom	4X optical zoom	Motor Zoom/Focus
Lens	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
Iris	Fixed	Fixed	DC-Iris/P-Iris
Min. illumination	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)
IR	Up to 30m (98ft)	Up to 30m (98ft)	N/A
Video Compression	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG
Smart Function	√	√	√
Frame Rate	1920×1080 30fps	1920×1080 60fps	4000×3000 20fps 3840×2160 30fps 1920×1080 30fps
9:16 Corridor Mode	√	√	√
Video Streaming	Triple streams	Triple streams	Triple streams
Privacy Mask	√	√	√
The number of OSD	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs
Audio I/O	1 / 1	2 / 1	1 / 1
Alarm I/O	1 / 1	1 / 1	2 / 1
BNC	1	1	1
Edge Storage	MicroSD, up to 256GB	MicroSD, up to 256GB	MicroSD, up to 256GB
Network Interface	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet 100M/1000M SFP
Reset Button	√	√	√
Power	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)
Working Environment	-40°C ~ 60°C (-40°F ~ 140°F)	-40°C ~ 60°C (-40°F ~ 140°F)	-20°C ~ 60°C(-4°F ~ 140°F)
Ingress Protection	IP67	IP67	N/A
Vandal Resistant	IK10	IK10	N/A
Weight	0.92kg (2.0lb)	0.84kg (1.85lb)	0.48kg (1.1lb)
Power Consumption	Max 7.2W	Max 9W	Max 9.5W
Dimensions(L × W × H)	Φ148×111.3mm (Φ5.8"×4.4")	Φ148×111.3mm (Φ5.8"×4.4")	151.5×71×65mm (6.0"×2.8"×2.6")

PR0 Basic

Model	IPC268ER9-DZ	IPC3238ER3-DVZ	IPC868ER-VF18-B	IPC8542ER5-DUG
Appearance				
Axis	3-Axis	3-Axis	3-Axis	N/A
Low illumination characteristics	Low-light	Low-light	Low-light	Lighthunter
Adjustment angle	Pan: 0°~360° Tilt: 0°~90° Rotate: 0°~360°	Pan: 0°~360° Tilt: 0°~80° Rotate: 0°~360°	N/A	N/A
Sensor	1/2.5"/8MP/CMOS	1/2.5"/8MP/CMOS	1/1.7"/12MP/CMOS	1/1.8"/4*2MP/CMOS
Wide Dynamic Range	120dB True WDR	120dB True WDR	Digital WDR	120dB True WDR
Zoom	4X optical zoom	4X optical zoom	Fixed	Fixed
Lens	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°
Iris	DC-Iris	DC-Iris	Fixed	Fixed
Min. illumination	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
IR	Up to 100m (328ft)	Up to 30m (98ft)	Up to 10 m (33ft)	Up to 50m (164ft)
Video Compression	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG
Smart Function	√	√	√	√
Frame Rate	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
9:16 Corridor Mode	√	√	√	√ (9:20)
Video Streaming	Triple streams	Triple streams	8 Streams (1 fisheye view (Triple streams), 1 panaromic view, 4 PTZ View)	Triple streams
Privacy Mask	√	√	√	√
The number of OSD	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs
Audio I/O	1 / 1	1 / 1	1 / 1 and 1 built-in Mic, 1 built-in Speaker	1 / 1
Alarm I/O	2 / 1	1 / 1	2 / 1	2 / 1
BNC	1	1	1	×
Edge Storage	MicroSD, up to 256GB	MicroSD, up to 256GB	MicroSD, up to 256GB	MicroSD, up to 256GB
Network Interface	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	1*100M/1000M SFP + 2*10M/100M/1000M Base-TX Ethernet
Reset Button	√	√	√	√
Power	AC 24V ±25%, DC 12V ±25% PoE (IEEE802.3at)	DC 12V ±25% PoE (IEEE 802.3af)	DC 12V ±25% PoE (IEEE 802.3af)	AC 24V ±25%, DC24V support 18V-48V
Working Environment	-40°C ~ 60°C (-40°F ~ 140°F)	-40°C ~ 60°C (-40°F ~ 140°F)	-35°C ~ 60°C (-31°F ~ 140°F)	-40°C ~ 70°C (-40°F ~ 158°F)
Ingress Protection	IP67	IP67	IP66	IP67
Vandal Resistant	N/A	IK10	IK10	N/A
Weight	1.65kg (3.6lb)	0.92kg (2.0lb)	0.5kg (1.1lb)	2.4kg(5.3lb)
Power Consumption	Max 13.7W	Max 8.7W	Max 9.6W	Max 45W
Dimensions(L × W × H)	305.5×104.1×97.3mm(12.0"×4.1"×3.8")	Φ148×111.3mm (Φ5.8"×4.4")	Φ149×51.5mm (Φ5.9"×2.0")	259mmx211mmx115mm

PTZ

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. Besides, AlphaView PTZ cameras based on deep learning algorithm can realize target classification and attributes extraction, support advanced smart functions including face capture, perimeter protection, people counting, auto-tracking and video metadata.

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
- Support smart function

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
- AlphaView, support deep-learning algorithm

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
- Smart function

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.

AlphaView

Built in powerful chipset, the AlphaView series PTZ cameras adopt deep learning algorithm to realize smart functions. These PTZ cameras support face capture (extract face attributes), perimeter protection (target classification, only human or vehicle trigger alarm, filter most of false alarm), auto-tracking (target classification, track human or vehicle), people counting, video metadata (vehicle, human, non-motor vehicle snapshot and attributes extraction).

PTZ

Model	IPC6412LR-X5P	IPC6415SR-X5UPW	IPC6322SR-X22P-C	IPC6322SR-X33DUP-C	IPC6322LR-X22-C
Appearance					
Low illumination characteristics	Low-light	Lighthunter	Low-light	Lighthunter	Low-light
Adjustment angle	N/A	N/A	N/A	N/A	N/A
Sensor	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
Lens	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°
Optical Zoom	5X	5X	22x	33x	22x
WDR	Digital WDR	120dB	Digital WDR	120dB True WDR	Digital WDR
Iris	Fixed	Fixed	DC-Iris	DC-Iris	DC-Iris
Min. illumination	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
Pan Range	350°	350°	360°	360°	360°
Pan Speed	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
Tilt Range	0° ~ 90°	0° ~ 90°	–15° ~ +90°	–15° ~ +90°	–15° ~ +90°
Tilt Speed	0.1° ~ 50°/s	0.1° ~ 50°/s	0.1° ~ 80°/s	0.1° ~ 80°/s	0.1° ~ 80°/s
IR	UP to 30m (98ft)	UP to 30m (98ft)	Up to 150m (492ft)	Up to 150m (492ft)	Up to 150m (492ft)
Video Compression	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
Smart Function	N/A	√	√	√	√
The number of OSD	Up to 4 OSDs	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs
Frame Rate	1920×1080 30fps	2592 × 1944 30fps	1920×1080 30fps	1920×1080 30fps	1920×1080 30fps
Video Streaming	Triple streams	Triple streams	Triple streams	Triple streams	Triple streams
BNC	N/A	N/A	N/A	√	N/A
Privacy Mask	√	√	√	√	√
Patrol	N/A	N/A	√	√	√
Preset	1024	1024	1024	1024	1024
Audio I/O	Built-in Mic	Built-in Mic Built-in Speaker	1 / 1	1 / 1	N/A
Alarm I/O	N/A	1 / 1	1 / 1	2 / 1	N/A
Edge Storage	MicroSD, up to 256GB	MicroSD, up to 256GB	MicroSD, up to 256GB	MicroSD, up to 256GB	MicroSD, up to 256GB
Network Interface	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet
Reset Button	√	√	√	√	√
Power	DC 12V ±25% PoE (IEEE 802.3af)	DC 12V±25%, PoE (IEEE802.3 at)	DC 12V ±10% PoE (-P, PSE Required)	DC 12V ±10% PoE (-P, PSE Required)	DC 12V ±10%
Ingress Protection	N/A	N/A	IP66	IP66	IP66
Working Environment	–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)
Weight	0.75kg(1.65lb)	0.75kg(1.65lb)	3kg (6.6lb)	3kg (6.6lb)	3kg (6.6lb)
Power Consumption	11W	16W	16 ~ 30W	16 ~ 30W	16 ~ 30W
Dimensions	Φ129mm×143mm(Φ5.07" x5.63")	Φ129mm×143mm(Φ5.07" x5.63")	Φ215×344mm (Φ8.5" x13.5")	Φ215×344mm (Φ8.5" x13.5")	Φ215×344mm (Φ8.5" x13.5")

PTZ

Model	IPC6322LR-X33DU-C	IPC6222EI-X22UP-C	IPC6222E-X33UP	IPC6222ER-X20(P)-B	IPC6222ER-X30(P)-B
Appearance					
Low illumination characteristics	Lighthunter	Lighthunter	Lighthunter	Low-light	Low-light
Adjustment angle	N/A	N/A	N/A	N/A	N/A
Sensor	1/2.8"/2MP/CMOS	1/2.8"/2MP/CMOS	1/2.8"/2MP/CMOS	1/2.8" / 2MP / CMOS	1/2.8" / 2MP / CMOS
Lens	Focus: 4.5~ 148.5mm Iris: F1.5 Angle of view (H): 76.8°~2.1°	Focus: 5.2~114.4mm Iris: F1.5~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°
Optical Zoom	33x	22X	33X	20X	30X
WDR	120dB True WDR	120dB True WDR	120dB True WDR	120dB True WDR	120dB True WDR
Iris	DC-Iris	DC-Iris	DC-Iris	DC-Iris	DC-Iris
Min. illumination	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
Pan Range	360°	360°	360°	360°	360°
Pan Speed	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
Tilt Range	–15° ~ +90°	–18° ~ 90°	1° ~ 90°	–15° ~ 90°	–15° ~ 90°
Tilt Speed	0.1° ~ 80°/s	0.1°/s ~ 240°/s	0.1°/s ~ 240°/s	0.1° ~ 160°/s	0.1° ~ 160°/s
IR	Up to 150m (492ft)	N/A	N/A	Up to 150m (492ft)	Up to 150m (492ft)
Video Compression	Ultra 265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG
Smart Function	√	√	√	√	√
The number of OSD	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs
Frame Rate	1920×1080 30fps	1920×1080 30fps	1920×1080 30fps	1920 × 1080 30fps	1920 × 1080 30fps
Video Streaming	Triple streams	Triple streams	Triple streams	Triple streams	Triple streams
BNC	√	√	√	N/A	N/A
Privacy Mask	√	√	√	√	√
Patrol	√	√	√	√	√
Preset	1024	1024	1024	1024	1024
Audio I/O	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1
Alarm I/O	2 / 1	2 / 1	2 / 1	1 / 1	1 / 1
Edge Storage	MicroSD, up to 256GB	MicroSD, up to 256GB	MicroSD, up to 256GB	MicroSD, up to 256GB	MicroSD, up to 256GB
Network Interface	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet
Reset Button	√	N/A	√	N/A	N/A
Power	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)
Ingress Protection	IP66	N/A	IP66	IP66	IP66
Working Environment	-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)
Weight	3kg (6.6lb)	3.5kg (7.7lb)	4.2kg (9.26lb)	5.28kg (11.6lb)	5.28kg (11.6lb)
Power Consumption	16 ~ 30W	Max 8 ~ 20W	Max 16W	9 ~ 42W	9 ~ 60W
Dimensions	Φ215×344mm (Φ8.5" x13.5")	Ø195×263mm (Ø7.7"×10.4")	Φ218×298mm (Φ8.6"×11.7")	Φ227×359.4mm (Φ8.9" x 14.2")	Φ227×359.4mm (Φ8.9" x 14.2")

PTZ

Model	IPC6252SR-X22U	IPC6252SFW-X22U	IPC6252SR-X33U	IPC6252SL-X33UP	IPC6852SR-X38UG
Appearance					
Low illumination characteristics	Lighthunter	Lighthunter	Lighthunter	Lighthunter,Laser	Lighthunter
Adjustment angle	N/A	N/A	N/A	N/A	N/A
Sensor	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
Lens	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°
Optical Zoom	22X	22X	33X	33X	38X
WDR	120dB True WDR	120dB True WDR	120dB True WDR	120dB True WDR	120dB True WDR
Iris	DC-Iris	DC-Iris	DC-Iris	DC-Iris	DC-Iris
Min. illumination	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: 0.002Lux (F1.6, AGC ON) 0Lux with IR	Color: 0.0005Lux (F1.5, AGC ON) 0Lux with IR
Pan Range	360°	360°	360°	360°	360°
Pan Speed	0.1°/s ~ 240°/s	0.1°/s ~ 240°/s	0.1°/s ~ 240°/s	0.1°/s ~ 240°/s	0.1°/s ~ 240°/s
Tilt Range	–15° ~ 90°	–15° ~ 90°	–15° ~ 90°	–15° ~ 90°	–20° ~ 90°
Tilt Speed	0.1° ~ 160°/s	0.1° ~ 160°/s	0.1° ~ 160°/s	0.1° ~ 160°/s	0.1° ~ 160°/s
IR	Up to 200m (656ft)	<30m white light 30~200m IR	Up to 200m (656ft)	VF laser, up to 500m (1640ft)	Up to 250m (820ft)
Video Compression	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG
Smart Function	√	√	√	√	√
The number of OSD	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs
Frame Rate	1920×1080 60fps	1920×1080 60fps	1920×1080 60fps	1920×1080 60fps	1920×1080 60fps
Video Streaming	Triple streams	Triple streams	Triple streams	Triple streams	Triple streams
BNC	√	√	√	N/A	√
Privacy Mask	√	√	√	√	√
Patrol	√	√	√	√	√
Preset	1024	1024	1024	1024	1024
Audio I/O	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1
Alarm I/O	2 / 1	2 / 1	2 / 1	1 / 1	2 / 1
Edge Storage	MicroSD, up to 256GB	MicroSD, up to 256GB	MicroSD, up to 256GB	MicroSD, up to 256GB	MicroSD, up to 256GB
Network Interface	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	1 RJ4510M/100M/1000M Base-TX Ethernet SFPBase-TX Ethernet
Reset Button	√	√	√	√	√
Power	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%
Ingress Protection	IP66	IP66	IP66	IP66	IP66
Working Environment	-40°C ~ 70°C (-40°F ~ 158°F)	-40°C ~ 70°C (-40°F ~ 158°F)	-40°C ~ 70°C (-40°F ~ 158°F)	-40°C ~ 70°C (-40°F ~ 158°F)	-40°C ~ 70°C (-40°F ~ 158°F)
Weight	5.5kg (12.1lb)	5.4kg (11.9lb)	5.5kg (12.1lb)	5.6kg (12.3lb)	9.69kg (21.4lb)
Power Consumption	11 ~47W	12 ~ 46W	11 ~47W	8~47W	16 ~51W
Dimensions	Φ227×359.4mm (Φ8.9"×14.2")	Φ227×359.4mm (Φ8.9"×14.2")	Φ227×359.4mm (Φ8.9"×14.2")	Φ227×359.4mm (Φ8.9"×14.2")	Φ270×496.7mm (Φ10.6"×19.6")

PTZ

Model	IPC6852SR-X44U	IPC6253SR-X33	IPC6854SR-X38UP-VC	IPC6258SR-X22DUP	IPC6858SR-X38UP-VC	IPC7622ER-X44U
Appearance						
Low illumination characteristics	Lighthunter	Lighthunter	Lighthunter	Lighthunter	Lighthunter	Lighthunter
Adjustment angle	N/A	N/A	N/A	N/A	N/A	N/A
Sensor	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
Lens	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°
Optical Zoom	44X	33X	38X	22x	38X	44X
WDR	120dB True WDR	120dB True WDR	120dB True WDR	120dB True WDR	120dB True WDR	120dB True WDR
Iris	DC-Iris	DC-Iris	DC-Iris	DC-Iris	DC-Iris	DC-Iris
Min. illumination	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
Pan Range	360°	360°	360°	360°	360°	360°
Pan Speed	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
Tilt Range	-20°~90°	–15° ~ 90°	-20°~90°	–15° ~ 90°	-20°~90°	–90° ~ +45° (auto reverse)
Tilt Speed	0.1° ~ 160°/s	0.1° ~ 160°/s	0.1° ~ 180°/s	0.1° ~ 160°/s	0.1° ~ 180°/s	0.1° ~40°/s
IR	Up to 250m (820ft)	Up to 200m (656ft)	Up to 250m (820ft)	Up to 150m (492ft)	Up to 250m (820ft)	Up to 300m (984ft)
Video Compression	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra 265, H.264, MJPEG	Ultra265, H.264, MJPEG	Ultra265, H.265, H.264, MJPEG
Smart Function	√	√	√	√	√	√
The number of OSD	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs	Up to 8 OSDs
Frame Rate	1920×1080 60fps	2048×1536 30fps	2688×1520 60fps	3840×2160 30fps 1920×1080 30fps	3840×2160 30fps	1920×1080 60fps
Video Streaming	Triple streams	Triple streams	Triple streams	Triple streams	Triple streams	Triple streams
BNC	√	√	N/A	N/A	N/A	√
Privacy Mask	√	√	√	√	√	√
Patrol	√	√	√	√	√	√
Preset	1024	1024	1024	1024	1024	1024
Audio I/O	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1
Alarm I/O	2 / 1	2 / 1	2/ 1	1 / 1	2/ 1	7/ 2
Edge Storage	MicroSD, up to 256GB	MicroSD, up to 256GB	MicroSD, up to 256GB	MicroSD, up to 256GB	MicroSD, up to 256GB	MicroSD, up to 256GB
Network Interface	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M/1000M Base-TX Ethernet
Reset Button	√	√	√	√	√	√
Power	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
Ingress Protection	IP66	IP66	IP66	IP66	IP66	IP66
Working Environment	-40°C ~ 70°C (-40°F ~ 158°F)	-40°C ~ 70°C (-40°F ~ 158°F)	-40°C ~ 70°C (-40°F ~ 158°F)	-40°C ~ 70°C (-40°F ~ 158°F)	-40°C ~ 70°C (-40°F ~ 158°F)	-40°C ~ 70°C (-40°F ~ 158°F)
Weight	9.69kg (21.4lb)	5.5kg (12.1lb)	9.69kg (21.4lb)	5.55kg (12.24lb)	9.69Kg (21.4lb)	13.98kg(30.8lb)
Power Consumption	16 ~56W	11 ~ 47W	16 ~ 51W	9 ~ 38W	16~ 51W	Max 87.8W
Dimensions	Φ270×496.7mm (Φ10.6"×19.6")	Φ227×359.4mm (Φ8.9"×14.2")	Φ270mm×496.7mm (Φ10.6" x 19.6")	Φ227×359.4mm (Φ8.9" x14.2")	Φ270mm×496.7mm(Φ10.6" x 19.6")	280.1mmx364.9mm x519.6mm (Φ11.0" 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

NVR301-04LX-P4

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

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 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.

Deep Learning Intelligence

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

Easy Series

Model		NVR301-04S2	NVR301-08S2	NVR301-08S2-P8	NVR301-08LS2-P8	NVR301-04S2-P4
	Appearance					
Video/Audio Input	**IP Video Input**	4-ch	8-ch	8-ch	8-ch	4-ch
	Analog Video Input	N/A	N/A	N/A	N/A	N/A
	Input Bandwidth	40 Mbps	50 Mbps	50 Mbps	50 Mbps	40 Mbps
	Audio Input	N/A	N/A	N/A	N/A	N/A
Video/Audio Output	**HDMI**	1	1	1	1	1
	VGA	1	1	1	1	1
	Audio Output	1	1	1	1	1
	Outgoing Bandwidth	40 Mbps	40 Mbps	40 Mbps	40 Mbps	40 Mbps
	Decoding Capability	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
Storage	**HDD**	1 SATA interface	1 SATA interface	1 SATA interface	1 SATA interface	1 SATA interface
External Interfafce	**Network Interface**	1 x RJ45 100M	1 x RJ45 100M	1 x RJ45 100M	1 x RJ45 100M	1 x RJ45 100M
	PoE	N/A	N/A	8 x PoE+	8 x PoE+	4 x PoE+
	Serial Interface	N/A	N/A	N/A	N/A	N/A
	USB Interface	2 x USB2.0	2 x USB2.0	2 x USB2.0	2 x USB2.0	2 x USB2.0
	Alarm I/O	N/A	N/A	N/A	N/A	N/A
Other	**Power Supply**	12V DC,1.5A	12V DC,1.5A	52V DC, 1.8A	52V DC, 1.8A	48V/1.35A
	Power Consumption	≤9W (without HDD)	≤9W (without HDD)	≤9W (without HDD)	≤9W (without HDD)	≤9W (without HDD)
	Working Environment	-10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH	-10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH	-10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH	-10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH	-10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH
	Dimensions(W×D×H)	260mm × 240mm × 46mm (10.2"×9.4"×1.8")	260mm × 240mm × 46mm (10.2"×9.4"×1.8")	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")
	Weight(Without HDD)	1kg	1kg	1kg	0.8kg	1kg

Easy Series

Model		NVR301-04LS2-P4	NVR301-04S	NVR301-08S	NVR301-04E	NVR301-08E
	Appearance					
Video/Audio Input	**IP Video Input**	4-ch	4-ch	8-ch	4-ch	8-ch
	Analog Video Input	N/A	N/A	N/A	N/A	N/A
	Input Bandwidth	40 Mbps	40 Mbps	48Mbps	40 Mbps	60 Mbps
	Audio Input	N/A	N/A	N/A	1-ch	1-ch
Video/Audio Output	**HDMI**	1	1	1	1	1
	VGA	1	1	1	1	1
	Audio Output	1	1	1	1-ch, RCA	1-ch, RCA
	Outgoing Bandwidth	40 Mbps	48Mbps	48Mbps	64 Mbps	64 Mbps
	Decoding Capability	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
Storage	**HDD**	1 SATA interface	1 SATA interface	1 SATA interface	1 SATA interface	1 SATA interface
External Interfafce	**Network Interface**	1 x RJ45 100M	1 x RJ45 100M	1 x RJ45 100M	1 x RJ45 100M	1 x RJ45 100M
	PoE	4x PoE+	N/A	N/A	N/A	N/A
	Serial Interface	N/A	N/A	N/A	N/A	N/A
	USB Interface	2 x USB2.0	2 x USB2.0	2 x USB2.0	3 x USB2.0	3 x USB2.0
	Alarm I/O	N/A	N/A	N/A	4/1	4/1
Other	**Power Supply**	48V/1.35A	12V DC,1.5A	12V DC,1.5A	12V DC, 2A	12V DC, 2A
	Power Consumption	≤9W (without HDD)	≤5W (without HDD)	≤5W (without HDD)	≤5W (without HDD)	≤5W (without HDD)
	Working Environment	-10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH	-10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH	-10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH	-10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH	-10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH
	Dimensions(W×D×H)	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")
	Weight(Without HDD)	0.55kg	≤1kg	≤1kg	≤1.1kg	≤1.1kg

Easy Series

Model		NVR301-16E	NVR301-04-P4	NVR301-08-P8	NVR301-16-P8
	Appearance				
Video/Audio Input	IP Video Input	16-ch	4-ch	8-ch	16-ch
	Analog Video Input	N/A	N/A	N/A	N/A
	Input Bandwidth	80 Mbps	40 Mbps	60 Mbps	60 Mbps
	Audio Input	1-ch	1-ch	1-ch	1-ch
Video/Audio Output	HDMI	1	1	1	1
	VGA	1	1	1	1
	Audio Output	1-ch, RCA	1	1	1
	Outgoing Bandwidth	80 Mbps	64 Mbps	64 Mbps	80 Mbps
	Decoding Capability	16-ch@D1 8-ch@720P 4-ch@1080P 1-ch@8MP	4-ch@1080P 1-ch@8MP	8-ch@720P 4-ch@1080P 1-ch@8MP	16-ch@D1 8-ch@720P 4-ch@1080P 1-ch@8MP
Storage	HDD	1 SATA interface	1 SATA interfaces	1 SATA interfaces	1 SATA interfaces
External Interfafce	Network Interface	1 x RJ45 100M	1 x RJ45 100M	1 x RJ45 100M	1 x RJ45 100M
	PoE	N/A	4 x PoE+	8 x PoE+	8 x PoE+
	Serial Interface	N/A	N/A	N/A	N/A
	USB Interface	3 x USB2.0	3 x USB2.0	3 x USB2.0	3 x USB2.0
	Alarm I/O	4/1	4/1	4/1	4/1
Other	Power Supply	12V DC, 2A	48V DC, 1.25A	52V DC, 1.8A	52V DC, 1.8A
	Power Consumption	≤5W (without HDD)	≤5W (without HDD)	≤5W (without HDD)	≤5W (without HDD)
	Working Environment	-10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH	-10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH	-10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH	-10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH
	Dimensions(W×D×H)	260mm × 240mm ×44mm (10.2" × 9.4" ×1.7")	260mm × 240mm ×44mm (10.2" × 9.4" ×1.7")	260mm × 240mm ×44mm (10.2" × 9.4" ×1.7")	260mm × 240mm ×44mm (10.2" × 9.4" ×1.7")
	Weight(Without HDD)	≤1.1kg	≤0.98kg	≤1.03kg	≤1.03kg

Easy Series

Model		NVR301-04L-P4	NVR301-08L-P8	NVR301-16L-P8	NVR301-08LX-P8
	Appearance				
Video/Audio Input	**IP Video Input**	4-ch	8-ch	16-ch	8-ch
	Analog Video Input	N/A	N/A	N/A	N/A
	Input Bandwidth	40 Mbps	60 Mbps	60 Mbps	80 Mbps
	Audio Input	1-ch	1-ch	1-ch	1-ch
Video/Audio Output	**HDMI**	1	1	1	1
	VGA	1	1	1	1
	Audio Output	1	1	1	1
	Outgoing Bandwidth	64 Mbps	64 Mbps	80 Mbps	64 Mbps
	Decoding Capability	4-ch@1080P 1-ch@8MP	8-ch@720P 4-ch@1080P 1-ch@8MP	16-ch@D1 8-ch@720P 4-ch@1080P 1-ch@8MP	8-ch@1080P 2-ch@8MP"
Storage	**HDD**	1 SATA interfaces	1 SATA interfaces	1 SATA interfaces	1 SATA interface
External Interfafce	**Network Interface**	1 x RJ45 100M	1 x RJ45 100M	1 x RJ45 100M	1 x RJ45 100M
	PoE	4 x PoE+	8 x PoE+	8 x PoE+	8 x PoE+
	Serial Interface	N/A	N/A	N/A	N/A
	USB Interface	2 x USB2.0	2 x USB2.0	2 x USB2.0	1 x USB2.0 1 x USB3.0
	Alarm I/O	N/A	N/A	N/A	N/A
Other	**Power Supply**	48V DC, 1.25A	52V DC, 1.8A	52V DC, 1.8A	52V DC, 1.8A
	Power Consumption	≤5W (without HDD)	≤5W (without HDD)	≤5W (without HDD)	≤9W (without HDD)
	Working Environment	-10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH	-10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH	-10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH	-10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH
	Dimensions(W×D×H)	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")
	Weight(Without HDD)	≤0.59kg	≤0.68kg	≤0.68kg	0.7 kg

Easy Series

Model		NVR301-08X-P8	NVR301-04LX-P4	NVR301-04X-P4	NVR301-04X
	Appearance				
Video/Audio Input	IP Video Input	8-ch	4-ch	4-ch	4-ch
	Analog Video Input	N/A	N/A	N/A	N/A
	Input Bandwidth	80 Mbps	80 Mbps	80 Mbps	64 Mbps
	Audio Input	1-ch	1-ch	1-ch	1-ch
Video/Audio Output	HDMI	1	1	1	1
	VGA	1	1	1	1
	Audio Output	1	1	1	1
	Outgoing Bandwidth	64 Mbps	64 Mbps	64 Mbps	64 Mbps
	Decoding Capability	8-ch@1080P 2-ch@8MP	8-ch@1080P 2-ch@8MP	8-ch@1080P 2-ch@8MP	8-ch@1080P 2-ch@8MP
Storage	HDD	1 SATA interface	1 SATA interface	1 SATA interface	1 SATA interface
External Interfafce	Network Interface	1 x RJ45 100M	1 x RJ45 100M	1 x RJ45 100M	1 x RJ45 100M
	PoE	8 x PoE+	4 x PoE+	4 x PoE+	N/A
	Serial Interface	N/A	N/A	N/A	N/A
	USB Interface	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
	Alarm I/O	N/A	N/A	N/A	N/A
Other	Power Supply	52V DC, 1.8A	52V DC, 1.8A	52V DC, 1.8A	52V DC, 1.8A
	Power Consumption	≤9W (without HDD)	≤9W (without HDD)	≤9W (without HDD)	≤9W (without HDD)
	Working Environment	-10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH	-10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH	-10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH	-10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH
	Dimensions(W×D×H)	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")
	Weight(Without HDD)	0.7 kg	0.7 kg	0.7 kg	0.7 kg

Easy Series

Model		NVR301-08X	NVR301-16X	NVR302-09S	NVR302-16S
	Appearance				
Video/Audio Input	**IP Video Input**	8-ch	16-ch	9-ch	16-ch
	Analog Video Input	N/A	N/A	N/A	N/A
	Input Bandwidth	64 Mbps	64 Mbps	160Mbps	160Mbps
	Audio Input	1-ch	1-ch	1-ch	1-ch
Video/Audio Output	**HDMI**	1	1	1	1
	VGA	1	1	1	1
	Audio Output	1	1	1	1
	Outgoing Bandwidth	64 Mbps	64 Mbps	72Mbps	96 Mbps
	Decoding Capability	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
Storage	**HDD**	1 SATA interface	1 SATA interface	2 SATA interface	2 SATA interface
External Interfafce	**Network Interface**	1 x RJ45 100M	1 x RJ45 100M	1 x RJ45 1000M	1 x RJ45 1000M
	PoE	N/A	N/A	N/A	N/A
	Serial Interface	N/A	N/A	N/A	N/A
	USB Interface	1x USB2.0 1 x USB3.0	1x USB2.0 1 x USB3.0	2x USB2.0	2 x USB2.0
	Alarm I/O	N/A	N/A	N/A	N/A
Other	**Power Supply**	52V DC, 1.8A	52V DC, 1.8A	12V DC, 2A	12V DC, 2A
	Power Consumption	≤9W (without HDD)	≤9W (without HDD)	≤9W (without HDD)	≤9W (without HDD)
	Working Environment	-10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH	-10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH	-10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH	-10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH
	Dimensions(W×D×H)	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")
	Weight(Without HDD)	0.7 kg	0.7 kg	≤1.6kg	≤1.6kg

Easy Series

Model		NVR302-08S-P8	NVR302-16S-P8	NVR302-16S-P16	NVR302-32S
	Appearance				
Video/Audio Input	**IP Video Input**	8-ch	16-ch	16-ch	32-ch
	Analog Video Input	N/A	N/A	N/A	N/A
	Input Bandwidth	80 Mbps	160 Mbps	160 Mbps	160 Mbps
	Audio Input	1-ch	1-ch	1-ch	1-ch
Video/Audio Output	**HDMI**	1	1	1	1
	VGA	1	1	1	1
	Audio Output	1	1	1	1
	Outgoing Bandwidth	96 Mbps	96 Mbps	96 Mbps	64 Mbps
	Decoding Capability	8-ch@720P 4-ch@1080P 1-ch@8MP"	16-ch@D1 8-ch@720P 4-ch@1080P 1-ch@8MP"	16-ch@D1 8-ch@720P 4-ch@1080P 1-ch@8MP"	32-ch@D1 16-ch@720P 8-ch@1080P 2-ch@8MP
Storage	**HDD**	2 SATA interface	2 SATA interface	2 SATA interface	2 SATA interface
External Interfafce	**Network Interface**	1 x RJ45 1000M	1 x RJ45 1000M	1 x RJ45 1000M	2 x RJ45 1000M
	PoE	8 x PoE+	8 x PoE+	16 x PoE+	N/A
	Serial Interface	N/A	N/A	N/A	N/A
	USB Interface	2 x USB2.0	2 x USB2.0	2 x USB2.0	2 x USB2.0 1 x USB3.0
	Alarm I/O	4/1	4/1	4/1	N/A
Other	**Power Supply**	52V DC, 2.5A	52V DC, 4.6A	52V DC, 4.6A	12V DC,3.3A
	Power Consumption	≤9W (without HDD)	≤9W (without HDD)	≤9W (without HDD)	≤15W (without HDD)
	Working Environment	-10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH	-10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH	-10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH	-10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH
	Dimensions(W×D×H)	380mm×315mm×49mm (15.0"×12.4"×1.9")	380mm×315mm×49mm (15.0"×12.4"×1.9")	380mm×315mm×49mm (15.0"×12.4"×1.9")	380mm×315mm×49mm (15.0"×12.4"×1.9")
	Weight(Without HDD)	≤1kg	≤1kg	≤1kg	≤2.48kg

Easy Series

Model		NVR302-08S2-P8	NVR302-16S2-P16	NVR304-16S	NVR304-32S
	Appearance				
Video/Audio Input	**IP Video Input**	8-ch	16-ch	16-ch	32-ch
	Analog Video Input	N/A	N/A	N/A	N/A
	Input Bandwidth	160 Mbps	160 Mbps	160 Mbps	160 Mbps
	Audio Input	1-ch	1-ch	1-ch	1-ch
Video/Audio Output	**HDMI**	1	1	1	1
	VGA	1	1	1	1
	Audio Output	1	1	1	1
	Outgoing Bandwidth	64 Mbps	64 Mbps	64 Mbps	64 Mbps
	Decoding Capability	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
Storage	**HDD**	2 SATA interface	2 SATA interface	4 SATA interface	4 SATA interface
External Interfafce	**Network Interface**	1 x RJ45 1000M	1 x RJ45 1000M	2 x RJ45 1000M	2 x RJ45 1000M
	PoE	8 x PoE+	16 x PoE+	N/A	N/A
	Serial Interface	N/A	N/A	N/A	N/A
	USB Interface	2 x USB2.0 1 x USB3.0	2 x USB2.0 1 x USB3.0	2 x USB2.0 1 x USB3.0	2 x USB2.0 1 x USB3.0
	Alarm I/O	N/A	N/A	N/A	N/A
Other	**Power Supply**	12V DC,3.3A	12V DC,3.3A	12V DC,5A	12V DC,5A
	Power Consumption	≤15W (without HDD)	≤15W (without HDD)	≤15W (without HDD)	≤15W (without HDD)
	Working Environment	-10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH	-10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH	-10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH	-10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH
	Dimensions(W×D×H)	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")
	Weight(Without HDD)	≤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
Appearance			
Type	PoE Kit	PoE Kit	PoE Kit
IPC	4 * IPC2122LR3-PF40-D	4 * IPC2122LR3-PF40M-D	4 * IPC2122LR3-PF40M-D
Resolution	1920×1080 25fps	1920×1080 25fps	1920×1080 25fps
Lens	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°
IR	Up to 30m (98ft)	Up to 30m (98ft)	Up to 30m (98ft)
NVR	1 * NVR301-04LB-P4	1 * NVR301-04LB-P4	1 * NVR301-04B-P4
Video Input	4	4	4
Input Bandwidth	40Mbps	40Mbps	40Mbps
POE	4 x PoE+	4 x PoE+	4 x PoE+
Decoding Capacity	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
Appearance			
Type	PoE Kit	PoE Kit	PoE Kit
IPC	4 * IPC2122LR3-PF40M-D	8 * IPC2122LR3-PF40M-D	4 * IPC3612LR3-PF28-D
Resolution	1920×1080 25fps	1920×1080 25fps	1920×1080 25fps
Lens	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°
IR	Up to 30m (98ft)	Up to 30m (98ft)	Up to 30m (98ft)
NVR	1 * NVR301-08LB-P8	1 * NVR301-08LB-P8	1 * NVR301-04LB-P4
Video Input	8	8	4
Input Bandwidth	40Mbps	40Mbps	40Mbps
POE	8 x PoE+	8 x PoE+	4 x PoE+
Decoding Capacity	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
Appearance				
Type	PoE Kit	PoE Kit	PoE Kit	PoE Kit
IPC	4 * IPC3612LR3-PF28-D	4 * IPC322LR3-VSPF28-D	4 * IPC322LR3-VSPF28-D	4*2122LR3-PF40-E
Resolution	1920×1080 25fps	1920×1080 25fps	1920×1080 25fps	1920×1080 25fps
Lens	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°
IR	Up to 30m (98ft)	Up to 30m (98ft)	Up to 30m (98ft)	Up to 30m (98ft)
NVR	1 * NVR301-08LB-P8	1 * NVR301-04LB-P4	1 * NVR301-08LB-P8	1*301-04LB-P4
Video Input	8	4	8	4
Input Bandwidth	40Mbps	40Mbps	40Mbps	40Mbps
POE	8 x PoE+	4 x PoE+	8 x PoE+	4 x PoE+
Decoding Capacity	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
Appearance			
Type	WIFI Kit	WIFI Kit	WIFI Kit
IPC	4 * IPC2122SR3-F40W-D	4 * IPC322SR3-VSF28W-D	4*IPC2122LR3-F40W-E
Resolution	1920×1080 20fps	1920×1080 20fps	2560×1440 15fps
Lens	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°
IR	Up to 30m (98ft)	Up to 30m (98ft)	Up to 30m (98ft)
NVR	1* NVR301-04LB-W	1* NVR301-04LB-W	NVR301-04LS2-W
Video Input	4	4	4
Input Bandwidth	40Mbps	40Mbps	40Mbps
Wifi	2.4GHz/IEEE 802.11b/g/n	2.4GHz/IEEE 802.11b/g/n	2.4GHz/IEEE 802.11b/g/n
Decoding Capacity	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
	Appearance					
Video/Audio Input	**IP Video Input**	2-ch	4-ch	4-ch	8-ch	8-ch
	Analog Video Input	4-ch	8-ch	8-ch	8-ch	16-ch
	Input Bandwidth	48 Mbps	56 Mbps	56 Mbps	80 Mbps	72 Mbps
	Audio Input	1-ch, RCA	1-ch, RCA	1-ch, RCA	4-ch, RCA	1-ch, RCA
Video/Audio Output	**HDMI**	1	1	1	1	1
	VGA	1	1	1	1	1
	Audio Output	1-ch, RCA	1-ch, RCA	1-ch, RCA	1-ch, RCA	1-ch, RCA
	Outgoing Bandwidth	60 Mbps	64 Mbps	64 Mbps	64 Mbps	80 Mbps
Encoding	**Recording Frame Rate**	Main stream: 8MP Lite@8fps(channel1) 5MPLite@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) 5MPLite@12fps 4MP Lite@15fps 3MP@15fps(channel1 - channel2) 2MP@15fps 720P@30fps Sub stream: D1@30fps(Max)	Main stream: 8MP@8fps 5MP@12fps 4MP@15fps 3MP@18fps 2MP@25fps 720P@30fps Sub stream: D1@30fps(Max)	Main stream: 8MP Lite@8fps (channel1-channel4) 5MP Lite@12fps 4MP Lite@15fps 3MP@15fps(channel1 - channel4) 2MP@15fps 720P@30fps Sub stream: D1@30fps(Max)
Storage	**HDD**	1 SATA interface	1 SATA interface	2 SATA interface	2 SATA interface	2 SATA interface
External Interfafce	**Network Interface**	1 x RJ45 100M	1 x RJ45 100M	1 x RJ45 100M	1 x RJ45 1000M	1 x RJ45 1000M
	PoE	N/A	N/A	N/A	N/A	N/A
	Serial Interface	N/A	N/A	1 x RS485	1 x RS485	1 x RS485
	USB Interface	2 x USB2.0	2 x USB2.0	2 x USB2.0	2 x USB2.0	2 x USB2.0
	Alarm I/O	N/A	N/A	N/A	N/A	N/A
Other	**Power Supply**	12V DC	12V DC	12V DC	12V DC	12V DC
	Power Consumption	≤ 8 W(without HDD)	≤ 8 W(without HDD)	≤8W (without HDD)	≤12W (without HDD)	≤12W (without HDD)
	Working Environment	-10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH	-10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH	-10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH	-10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH	-10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH
	Dimensions(W×D×H)	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"×1.9")
	Weight(Without HDD)	≤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
	Appearance					
Video/Audio Input	**IP Video Input**	9-ch	16-ch	8-ch	16-ch	16-ch
	Analog Video Input	N/A	N/A	N/A	N/A	N/A
	Input Bandwidth	320 Mbps	320 Mbps	320 Mbps	320 Mbps	320 Mbps
	Audio Input	1-ch	1-ch	1-ch	1-ch	1-ch
Video/Audio Output	**HDMI**	1	1	1	1	1
	VGA	1	1	1	1	1
	Audio Output	1	1	1	1	1
	Outgoing Bandwidth	180Mbps	320Mbps	160 Mbps	320 Mbps	320 Mbps
	Decoding Capability	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
Storage	**HDD**	2 SATA interface	2 SATA interface	2 SATA interfaces	2 SATA interfaces	2 SATA interfaces
External Interfafce	**Network Interface**	2 x RJ45 1000M	2 x RJ45 1000M	1 x RJ45 1000M	1 x RJ45 1000M	1 x RJ45 1000M
	PoE	N/A	N/A	8 x PoE+	8 x PoE+	16 x PoE+
	Serial Interface	1 × RS-485	1 × RS-485	N/A	N/A	N/A
	USB Interface	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
	Alarm I/O	8/2	8/2	4/1	4/1	4/1
Other	**Power Supply**	12V DC,3.3A	12V DC,3.3A	100 ~ 240V AC	100 ~ 240V AC	100 ~ 240V AC
	Power Consumption	≤20W (without HDD)	≤20W (without HDD)	≤20W (without HDD)	≤20W (without HDD)	≤20W (without HDD)
	Working Environment	-10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH	-10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH	-10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH	-10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH	-10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH
	Dimensions(W×D×H)	380mm×315mm×46mm (15.0"×12.4"×1.8")	380mm×315mm×46mm (15.0"×12.4"×1.8")	380mm×315mm×46mm (15.0"×12.4" ×1.8")	380mm×315mm×46mm (15.0"×12.4"×1.8")	380mm×315mm×46mm (15.0"×12.4"×1.8")
	Weight(Without HDD)	≤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
	Appearance					
Video/Audio Input	**IP Video Input**	16-ch	32-ch	16-ch	32-ch	16-ch
	Analog Video Input	N/A	N/A	N/A	N/A	N/A
	Input Bandwidth	320 Mbps	320 Mbps	320 Mbps	320 Mbps	320 Mbps
	Audio Input	1-ch	1-ch	1-ch	1-ch	1-ch
Video/Audio Output	**HDMI**	2	2	2	2	2
	VGA	1	1	1	1	1
	Audio Output	1	1	1	1	1
	Outgoing Bandwidth	320 Mbps	320 Mbps	320 Mbps	320 Mbps	320 Mbps
	Decoding Capability	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
Storage	**HDD**	4 SATA interfaces	4 SATA interfaces	4 SATA interfaces	4 SATA interfaces	8 SATA interfaces 1 eSATA interface
External Interfafce	**Network Interface**	2 x RJ45 1000M	2 x RJ45 1000M	1 x RJ45 1000M	1 x RJ45 1000M	2 x RJ45 1000M
	PoE	N/A	N/A	16 x PoE+	16 x PoE+	N/A
	Serial Interface	1 × RS-485	1 × RS-485	1 × RS-485	1 × RS-485	1 × RS-232 1 × RS-485
	USB Interface	2 x USB2.0 1 x USB3.0	2 x USB2.0 1 x USB3.0	2 x USB2.0 1 x USB3.0	2 x USB2.0 1 x USB3.0	2 x USB2.0 1 x USB3.0
	Alarm I/O	16/4	16/4	16/4	16/4	16/4
Other	**Power Supply**	12V DC, 5A	12V DC, 5A	100 ~ 240V AC	100 ~ 240V AC	100 ~ 240V AC
	Power Consumption	≤12W (without HDD)	≤12W (without HDD)	≤12W (without HDD)	≤12W (without HDD)	≤20W (without HDD)
	Working Environment	-10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH	-10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH	-10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH	-10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH	-10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH
	Dimensions(W×D×H)	440mm×344mm×44mm (17.3"×13.5"×1.7")	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")
	Weight(Without HDD)	≤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
	Appearance					
Video/Audio Input	**IP Video Input**	32-ch	64-ch	32-ch	64-ch	32-ch
	Analog Video Input	N/A	N/A	N/A	N/A	N/A
	Input Bandwidth	320 Mbps	320 Mbps	320 Mbps	320 Mbps	320 Mbps
	Audio Input	1-ch	1-ch	1-ch	1-ch	1-ch
Video/Audio Output	**HDMI**	2	2	2	2	2
	VGA	1	1	1	1	1
	Audio Output	1	1	1	1	1
	Outgoing Bandwidth	320 Mbps	320 Mbps	320 Mbps	320 Mbps	320 Mbps
	Decoding Capability	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
Storage	**HDD**	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
External Interfafce	**Network Interface**	2 x RJ45 1000M	2 x RJ45 1000M	2 x RJ45 1000M	2 x RJ45 1000M	2 x RJ45 1000M
	PoE	N/A	N/A	N/A	N/A	N/A
	Serial Interface	1 × RS-232 1 × RS-485	1 × RS-232 1 × RS-485	1 × RS-232 1 × RS-485	1 × RS-232 1 × RS-485	1 × RS-232 1 × RS-485
	USB Interface	2 x USB2.0 1 x USB3.0	2 x USB2.0 1 x USB3.0	2 x USB2.0 1 x USB3.0	2 x USB2.0 1 x USB3.0	2 x USB2.0 1 x USB3.0
	Alarm I/O	16/4	16/4	16/4	16/4	16/10
Other	**Power Supply**	100 ~ 240V AC	100 ~ 240V AC	100 ~ 240V AC	100 ~ 240V AC	100 ~ 240V AC
	Power Consumption	≤20W (without HDD)	≤20W (without HDD)	≤20W (without HDD)	≤20W (without HDD)	≤23W (without HDD)
	Working Environment	-10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH	-10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH	-10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH	-10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH	-10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH
	Dimensions(W×D×H)	442mm×425mm×86mm (17.4"×16.7"×3.4")	442mm×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")
	Weight(Without HDD)	≤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
External Interfafce	Network Interface	2 x RJ45 1000M
	PoE	N/A
	Serial Interface	1 × RS-232 1 × RS-485
	USB Interface	2 x USB2.0 1 x USB3.0
	Alarm I/O	16/10
Other	Power Supply	100 ~ 240V AC
	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
External Interfafce	Network Interface	4 x RJ45 1000M 2 x RJ45 1000M SFP	4 x RJ45 1000M 2 x RJ45 1000M SFP
	PoE	N/A	N/A
	Serial Interface	1 × RS232 1 × RS485	1 × RS232 1 × RS485
	USB Interface	4 x USB3.0	4 x USB3.0
	Alarm I/O	24/8	24/8
Other	Power Supply	100 ~ 240V AC	100 ~ 240V AC
	Power Consumption	≤50W (without HDD)	≤50W (without HDD)
	Working Environment	-10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH	-10°C ~ 55°C (14°F ~ 131°F) 10% ~ 90% RH
	Dimensions(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
	Bandwidth of video output per server	384Mbps	1536Mbps
Decoding	Video compression	Ultra265, H.265, H.264	Ultra265, H.265, H.264
	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	
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	
	Disk enclosure (optional)	Max 2 disk enclosures supported; models: DEU1008 and DEU1016	
Play control		1 / 3 / 4 / 5 / 6 / 7 / 8 / 9 / 10 / 13 / 16 / 17 / 25 / 32 / 36 / 64 window display	1 / 3 / 4 / 5 / 6 / 7 / 8 / 9 / 10 / 13 / 16 / 17 / 25 / 32 / 36 / 64 window display
		Corridor format	Corridor format
		Up to 3 auxiliary monitors	Up to 3 auxiliary monitors
Playback		Play NVR recordings	Play NVR recordings
		Synchronous playback up to 16 channels for single client; up to 24 channels for multiple clients	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	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	4×10M/100M/1000M Base-T adaptive Ethernet interfaces; 2×1000M SFP optical interfaces	3×10M/100M/1000M Base-T adaptive Ethernet interfaces
	USB	4×USB3.0	4×USB3.0
	HDMI	2×HDMI	1×HDMI
	VGA	1×VGA	1×VGA
	Serial	1×RS232 (RJ45), 1×RS485 (RJ45)	1×RS232 (RJ45), 1×RS485 (RJ45)
	Alarm input/output	24×alarm inputs, 8×alarm outputs	N/A
	Power supply	100-240V AC, with power switch	100-240V AC, with power switch
	Expansion	1×power module; 1×eSATA interface; 2×miniSAS interfaces;2×decoding cards	1×power module; 1×NIC card
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
Appearance					
Controller	Single	Single	Single	Single	Single
Video Input	Up to 320 channels /640Mbps	Up to 320 channels /640Mbps	Up to 512 channels /1024Mbps	Up to 512channels /1024Mbps	Up to 512channels /1024Mbps
Front-end Service Interface	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)
Back-end Expansion Interface	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
RAID	JBOD and RAID 0,1, 5, 6 Dedicated hot-spare disk and global hot-spare disk	JBOD and RAID 0,1, 5, 6 Dedicated hot-spare disk and global hot-spare disk	JBOD and RAID 0,1, 10, 5, 50, 6 Dedicated hot-spare disk and global hot-spare disk	JBOD and RAID 0,1, 10, 5, 50, 6 Dedicated hot-spare disk and global hot-spare disk	JBOD and RAID 0,1, 10, 5, 50, 6 Dedicated hot-spare disk and global hot-spare disk
Protocol	iSCSI	iSCSI	iSCSI	iSCSI	iSCSI
Processor	Intel 64-bit multi-core processor	Intel 64-bit multi-core processor	Intel 64-bit multi-core processor	Intel 64-bit multi-core processor	Intel 64-bit multi-core processor
Memory	4GB	4GB	8 GB, up to 64 GB	8 GB, up to 64 GB	8 GB, up to 64 GB
HDD	16 SATA interfaces	24 SATA interfaces	24 SATA interfaces	48 SATA interfaces	60 SATA interfaces
Features	Optimized Cache Algorithm Redundant Modular Design Anti-Dust & Sulfide Alarm Anti-Vibration HDD Module Fault Sector Repair Two Level of Remap S.M.A.R.T. Pre-Copy Tech No Sense Partial Rebuild Copy Rebuild Cache Data Safe Box	Optimized Cache Algorithm Redundant Modular Design Anti-Dust & Sulfide Alarm Anti-Vibration HDD Module Fault Sector Repair Two Level of Remap S.M.A.R.T. Pre-Copy Tech No Sense Partial Rebuild Copy Rebuild Cache Data Safe Box	Optimized Cache Algorithm Redundant Modular Design Anti-Dust & Sulfide Alarm Anti-Vibration HDD Module Fault Sector Repair Two Level of Remap S.M.A.R.T. Pre-Copy Tech No Sense Partial Rebuild Copy Rebuild Cache Data Safe Box	Optimized Cache Algorithm Redundant Modular Design Anti-Dust & Sulfide Alarm Anti-Vibration HDD Module Fault Sector Repair Two Level of Remap S.M.A.R.T. Pre-Copy Tech No Sense Partial Rebuild Copy Rebuild Cache Data Safe Box	Optimized Cache Algorithm Redundant Modular Design Anti-Dust & Sulfide Alarm Anti-Vibration HDD Module Fault Sector Repair Two Level of Remap S.M.A.R.T. Pre-Copy Tech No Sense Partial Rebuild Copy Rebuild Cache Data Safe Box
Power Supply	1+1 Redundant	1+1 Redundant	1+1 Redundant	1+1 Redundant	2+1 Redundant
Fan	1+1 Redundant	1+1 Redundant	1+1 Redundant	1+1 Redundant	1+1 Redundant
Consumption	Controller enclosure: <200 W (fully configured)	Controller enclosure: <280 W (fully configured)	Controller enclosure: <350 W (fully configured)	Controller enclosure: <600 W (fully configured)	Controller enclosure: <900W (fully configured)
Weight	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
Dimensions(H×W×D)	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
Disk Enclosure	N/A	N/A	DE1824-V2	DE1848-V2	DE3160-V2@S

Dual Controller

Model	VX3024-V2	VX3048-V2	VX3060-V2
Appearance			
Controller	Dual	Dual	Dual
Video Input	Up to 512 channels /1024Mbps	Up to 512 channels /1024Mbps	Up to 512 channels /1024Mbps
Front-end Service Interface	10-port 10/100/1000 Mbps Ethernet interface 4-port 10/100/1000 Mbps Ethernet interface module (optional) 2-port 10 GE SFP + interface module (optional) 4-port 10 GE SFP + interface module (optional)	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)
Back-end Expansion Interface	4-port 4*12 Gbps Mini SAS HD	4-port 4*12 Gbps Mini SAS HD	4-port 4*12 Gbps Mini SAS HD
RAID	JBOD and RAID 0,1,10, 5, 50,6 Dedicated hot-spare disk and global hot-spare disk	JBOD and RAID 0,1,10, 5, 50,6 Dedicated hot-spare disk and global hot-spare disk	JBOD and RAID 0,1,10, 5, 50,6 Dedicated hot-spare disk and global hot-spare disk
Protocol	iSCSI	iSCSI	iSCSI
Processor	Intel 64-bit multi-core processor	Intel 64-bit multi-core processor	Intel 64-bit multi-core processor
Memory	Default 16 GB (Up to 128 GB optional)	Default 16 GB (Up to 128 GB optional)	Default 16 GB (Up to 128 GB optional)
HDD	24 SATA/SAS/NL SAS interfaces	48 SATA/SAS/NL SAS interfaces	60 SATA/SAS/NL SAS interfaces
Features	Optimized Cache Algorithm Redundant Modular Design Anti-Dust & Sulfide Alarm Anti-Vibration HDD Module Fault Sector Repair Two Level of Remap S.M.A.R.T. Pre-Copy Tech No Sense Partial Rebuild Copy Rebuild Cache Data Safe Box	Optimized Cache Algorithm Redundant Modular Design Anti-Dust & Sulfide Alarm Anti-Vibration HDD Module Fault Sector Repair Two Level of Remap S.M.A.R.T. Pre-Copy Tech No Sense Partial Rebuild Copy Rebuild Cache Data Safe Box	Optimized Cache Algorithm Redundant Modular Design Anti-Dust & Sulfide Alarm Anti-Vibration HDD Module Fault Sector Repair Two Level of Remap S.M.A.R.T. Pre-Copy Tech No Sense Partial Rebuild Copy Rebuild Cache Data Safe Box
Power Supply	2 default (1+1)	2 default (1+1)	3 default (2+1)
Fan	1+1 Redundant	1+1 Redundant	1+1 Redundant
Consumption	Controller enclosure: <550W (fully configured)	Controller enclosure: <700W (fully configured)	Controller enclosure: <1000W (fully configured)
Weight	Controller enclosure: Fully configured: <45kg	Controller enclosure: Fully configured: <68 kg	Controller enclosure: Fully configured: <96kg
Dimensions(H×W×D)	Controller enclosure: 175mm×482mm×589mm	Controller enclosure: 178mm×482mm×801mm	Controller enclosure: 178mm×482mm×981mm
Disk Enclosure	DE3124-V2	DE3148-V2	DE3160-V2

Expansion Unit

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

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

Face Recognition Terminal

UNV Face recognition terminal is an access control device with high recognition rate, large storage capacity and fast recognition speed. It supports face authentication to open the door. The UNV face recognition technology is perfectly integrated into the access control device, which relies on deep learning algorithm, to achieve precise control of human and effectively eliminate card fraud problem in traditional access control equipment. It can be widely applied in multiple scenarios, such as public security, transportation, parks, universities, justice, energy, medical and other industries.

Face Recognition Terminal

Model	OET-513L	OET-525H	OEI-513H
Appearance			
Face Recognition Accuracy Rate	>99%	>99%	N/A
Face Recognition Time	200ms	200ms	N/A
Face Capacity	20,000	20,000	N/A
Storage Capacity	8G	16G	N/A
Recognition mode	Face Whitelist (1:N)	Face Whitelist (1:N)	N/A
User Management	Support user library addition, deletion, update	Support user library addition, deletion, update	N/A
Record Management	Support local recording and real-time uploading	Support local recording and real-time uploading	N/A
Stranger Management	Support stranger detection and report stranger information	N/A	N/A
Recognition Mode	Face recognition	Face recognition, password	N/A
Event Capacity	50,000	100,000	200 call records include image capture information
Interface	LAN×2, Wiegand input×1, Wiegand output×1, RS485×1, RS232×1, I/O output×1	LAN×2, Wiegand input×1, Wiegand output×1, RS485×1, RS232×1, Alarm input×2, Alarm output×1, USB2.0×1, Lock×1, Door contact×1, Exit button×1	LAN×1, RS485×1, Alarm output×2, Alarm input×8
Power Supply	Input 12V±25% DC	Input 12V±25% DC	Input 12V±25% DC
Power Consumption	Maximum consumption: 12W, Working consumption: 8W	Maximum consumption: 9W, Working consumption: 6W	Maximum consumption: 6W, Working consumption: 3W
Screen Size	7 inches, High-end industrial grade	10.1 inches, Touch screen	7 inch
Screen Resolution	480*800	800*1280	600*1024
Screen Ratio	9:16	10:16	9:16
Camera	2MP, 1080P	2MP, 1080P	N/A
Supplement Light	LED soft light	LED soft light	N/A
Protection Level	IP 65	IP 54	N/A
Dimensions (H×W×D)	134mm×78mm×457mm	171.1mm×32.8mm×324.1mm	126.4mm×20mm×204mm
Working Environment	-30°C to +70°C,Relative Humidly<95% (Non-condensing)	-20°C to +65°C, Relative Humidly<95% (Non-condensing)	-10°C to +55°C
Application Situation	Indoor, Outdoor	Indoor, Outdoor (waterproof cover required)	Indoor

Overview

UNV Face recognition terminal is a kind of access control device with precise recognition rate, large storage capacity and fast recognition, which supports face authentication to open the door. The UNV face recognition technology is perfectly integrated into the access control device, which relies on deep learning algorithm, to achieve precise control of human and effectively eliminate card fraud problem in traditional access control equipment. It can be widely applied in multiple scenarios, such as public security, transportation, parks, universities, justice, energy, medical and other industries.

Display & 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
Appearance			
Product	46" LCD Video Wall	49" LCD Video Wall	55" LCD Video Wall
Pixel Pitch(mm)	0.53025(H)×0.17675(V)	0.559(H)×0.1865(V)	0.63(H)×0.21(V)
Backlight	LED	LED	LED
Resolution	1920×1080	1920×1080	1920×1080
Bezel Width	3.5mm	3.5mm	3.5mm
Display Color	16.7M	16.7M	16.7M
Brightness	500cd/m2	500cd/m2	500cd/m2
Contrast	1200:1	1200:1	1200:1
Response Time	8ms	8ms	8ms
Viewing Angle	178°(H) 178°(V)	178°(H) 178°(V)	178°(H) 178°(V)
Signal Input	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
Signal Output	1×RS-232 OUT	1×RS-232 OUT	1×RS-232 OUT
Dimension(W×H×D)	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")
Consumption	141.6W	136W	220W
Power Supply	AC100-240V 50/60Hz	AC100-240V 50/60Hz	AC100-240V 50/60Hz
Weight	22.5kg(49.6lb)	23.5kg(51.8lb)	24.5kg(54.0lb)
Work Condition	0~+40°C(32°F~104°F)/20%~90%RH altitude≤5000m	0~+40°C(32°F~104°F)/20%~90%RH altitude≤5000m	0~+40°C(32°F~104°F)/20%~90%RH altitude≤5000m
Lifespan	50000h	50000h	50000h

LED Displays

Model	XE Series			
	MW7212-E-U	MW7214-E-U	MW7215-E-U	MW7216-E-U
Appearance				
Product	1.2mm Indoor fine pixel LED	1.4mm Indoor fine pixel LED	1.5mm Indoor fine pixel LED	1.6mm Indoor fine pixel LED
Pixel Pitch	1.24mm	1.45mm	1.55mm	1.67mm
LED Type	Surface mounted trinity LED	Surface mounted trinity LED	Surface mounted trinity LED	Surface mounted trinity LED
Module Resolution(W×H)	128×145	110×124	102×116	96×108
Module Size(W×H)	160mm×180mm (6.3"×7.1")	160mm×180mm (6.3"×7.1")	160mm×180mm (6.3"×7.1")	160mm×180mm (6.3"×7.1")
Cabinet Size(W×H×D)	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")
Modules/Cabinet(W×H)	4×2	4×2	4×2	4×2
Cabinet Resolution(W×H)	512×290	440×248	408×232	384×216
Cabinet Weight(pcs)	6.95kg(15.3lb)	6.95kg(15.3lb)	6.95kg(15.3lb)	6.95kg(15.3lb)
Cabinet Area	0.2304m^2	0.2304m^2	0.2304m^2	0.2304m^2
Pixel Density	644444dots/m^2	473790dots/m^2	410833dots/m^2	360000dots/m^2
Brightness(cd/m2)	50-800(adjustable)	50-800(adjustable)	50-1500(adjustable)	50-800(adjustable)
Cabinet Flatness	≤0.1mm	≤0.1mm	≤0.1mm	≤0.1mm
Cabinet Material	Die-cast aluminum	Die-cast aluminum	Die-cast aluminum	Die-cast aluminum
Viewing Angle	160°(H) 140°(V)	160°(H) 140°(V)	160°(H) 140°(V)	160°(H) 140°(V)
Brightness Uniformity	≥97%	≥97%	≥97%	≥97%
Color Uniformity	≥97%	≥97%	≥97%	≥97%
Contrast	≥4000:1	≥4000:1	≥4000:1	≥4000:1
Color Temperature	3000K~10000K adjustable	3000K~10000K adjustable	3000K~10000K adjustable	3000K~10000K adjustable
Refresh Rate	1920~3840Hz	1920~3840Hz	1980Hz	1920~3840Hz
Gray Scale Processing	16bit	14bit	14bit	14bit
Scanning Mode	1/29 scan	1/31 scan	1/29 scan	1/27 scan
Driving Mode	Constant Current Driving	Constant Current Driving	Constant Current Driving	Constant Current Driving
Frame Rate	50/60Hz	50/60Hz	50/60Hz	50/60Hz
Input Voltage	AC100~240V	AC100~240V	AC100~240V	AC100~240V
Input Power(avg)	230W/m^2	217W/m^2	210W/m^2	180W/m^2
Input Power(max)	630W/m^2	600W/m^2	590W/m^2	530W/m^2
Maintenance Mode	Front Maintenance	Front Maintenance	Front Maintenance	Front Maintenance
Power/signal Redundancy	Optional	Optional	Optional	Optional
LED Lifespan	100000h	100000h	100000h	100000h
Ingress Protection	IP5X	IP5X	IP5X	IP5X
Work Condition	-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
Storage Condition	-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
Appearance					
Product	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
Pixel Pitch	1.24mm	1.45mm	1.55mm	1.67mm	1.87mm
LED Type	Surface mounted trinity LED	Surface mounted trinity LED	Surface mounted trinity LED	Surface mounted trinity LED	Surface mounted trinity LED
Module Resolution(W×H)	128×145	110×124	102×116	96×108	85×96
Module Size(W×H)	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")
Cabinet Size(W×H×D)	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")
Modules/Cabinet(W×H)	4×2	4×2	4×2	4×2	4×2
Cabinet Resolution(W×H)	512×290	440×248	408×232	384×216	340×192
Cabinet Weight(pcs)	6.95kg(15.3lb)	6.95kg(15.3lb)	6.95kg(15.3lb)	6.95kg(15.3lb)	6.95kg(15.3lb)
Cabinet Area	0.2304m^2	0.2304m^2	0.2304m^2	0.2304m^2	0.2304m^2
Pixel Density	644444dots/m^2	473790dots/m^2	410833dots/m^2	360000dots/m^2	283333dots/m^2
Brightness(cd/m2)	50-800(adjustable)	50-800(adjustable)	50-1500(adjustable)	50-800(adjustable)	50-800(adjustable)
Cabinet Flatness	≤0.1mm	≤0.1mm	≤0.1mm	≤0.1mm	≤0.1mm
Cabinet Material	Die-cast aluminum	Die-cast aluminum	Die-cast aluminum	Die-cast aluminum	Die-cast aluminum
Viewing Angle	160°(H) 140°(V)	160°(H) 140°(V)	160°(H) 140°(V)	160°(H) 140°(V)	160°(H) 140°(V)
Brightness Uniformity	≥97%	≥97%	≥97%	≥97%	≥97%
Color Uniformity	≥97%	≥97%	≥97%	≥97%	≥97%
Contrast	≥4000:1	≥4000:1	≥4000:1	≥4000:1	≥4000:1
Color Temperature	3000K~10000K adjustable	3000K~10000K adjustable	3000K~10000K adjustable	3000K~10000K adjustable	3000K~10000K adjustable
Refresh Rate	1920~3840Hz	1920Hz	1980Hz	1920Hz	1920Hz
Gray Scale Processing	16bit	14bit	14bit	14bit	14bit
Scanning Mode	1/29 scan	1/31 scan	1/29 scan	1/27 scan	1/32 scan
Driving Mode	Constant Current Driving	Constant Current Driving	Constant Current Driving	Constant Current Driving	Constant Current Driving
Frame Rate	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz
Input Voltage	AC100~240V	AC100~240V	AC100~240V	AC100~240V	AC100~240V
Input Power(avg)	230W/m^2	217W/m^2	210W/m^2	180W/m^2	165W/m^2
Input Power(max)	630W/m^2	600W/m^2	590W/m^2	530W/m^2	415W/m^2
Maintenance Mode	Front Maintenance	Front Maintenance	Front Maintenance	Front Maintenance	Front Maintenance
Power/signal Redundancy	-	-	-	-	-
LED Lifespan	100000h	100000h	100000h	100000h	100000h
Ingress Protection	IP5X	IP5X	IP5X	IP5X	IP5X
Work Condition	-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
Storage Condition	-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
Appearance				
Product	1.5mm Indoor fine pixel LED	1.6mm Indoor fine pixel LED	1.8mm Indoor fine pixel LED	2.5mm Indoor fine pixel LED
Pixel Pitch	1.5mm	1.6mm	1.8mm	2.5mm
LED Type	Surface mounted trinity LED	Surface mounted trinity LED	Surface mounted trinity LED	Surface mounted trinity LED
Module Resolution(W×H)	152×152	144×144	128×128	96×96
Module Size(W×H)	240mm×240mm (9.4"×9.4")	240mm×240mm (9.4"×9.4")	240mm×240mm (9.4"×9.4")	240mm×240mm (9.4"×9.4")
Cabinet Size(W×H×D)	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")
Modules/Cabinet(W×H)	2×2	2×2	2×2	2×2
Cabinet Resolution(W×H)	304×304	288×288	256×256	192×192
Cabinet Weight(pcs)	5.18kg(11.4lb)	5.18kg(11.4lb)	5.18kg(11.4lb)	5.18kg(11.4lb)
Cabinet Area	0.2304m^2	0.2304m^2	0.2304m^2	0.2304m^2
Pixel Density	401111dots/m^2	360000dots/m^2	284444dots/m^2	160000dots/m^2
Brightness(cd/m2)	50-700(adjustable)	50-700(adjustable)	50-700(adjustable)	50-700(adjustable)
Cabinet Flatness	≤0.15mm	≤0.15mm	≤0.15mm	≤0.15mm
Cabinet Material	Die-cast aluminum	Die-cast aluminum	Die-cast aluminum	Die-cast aluminum
Viewing Angle	160°(H) 140°(V)	160°(H) 140°(V)	160°(H) 140°(V)	160°(H) 140°(V)
Brightness Uniformity	≥97%	≥97%	≥97%	≥97%
Color Uniformity	≥97%	≥97%	≥97%	≥97%
Contrast	≥4000:1	≥4000:1	≥4000:1	≥4000:1
Color Temperature	3000K~10000K adjustable	3000K~10000K adjustable	3000K~10000K adjustable	3000K~10000K adjustable
Refresh Rate	3840Hz	3840Hz	3840Hz	3840Hz
Gray Scale Processing	14bit	14bit	14bit	14bit
Scanning Mode	1/38 scan	1/48 scan	1/64 scan	1/48 scan
Driving Mode	Constant Current Driving	Constant Current Driving	Constant Current Driving	Constant Current Driving
Frame Rate	50/60Hz	50/60Hz	50/60Hz	50/60Hz
Input Voltage	AC100~240V	AC100~240V	AC100~240V	AC100~240V
Input Power(avg)	395W/m^2	352W/m^2	386W/m^2	309W/m^2
Input Power(max)	629W/m^2	634W/m^2	192W/m^2	130W/m^2
Maintenance Mode	Front/Rear Maintenance	Front/Rear Maintenance	Front/Rear Maintenance	Front/Rear Maintenance
Power/signal Redundancy	-	-	-	-
LED Lifespan	100000h	100000h	100000h	100000h
Ingress Protection	IP5X	IP5X	IP5X	IP5X
Work Condition	-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
Storage Condition	-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	1×DVI, 1×HDMI, 1×HDMI_LOOP
Input Resolution	1920×1200 pixels maximum
Video Source Frame Rate	60Hz(support auto-adjustment)
Control Area	2.3million pixels maximum (W 4096 pixels, H 2560 pixels)
Output Signal	4×gigabit ethernet interface
Transmission Distance	CAT5≤140m, CAT6≤170m, optical fiber: no limitation
Transmission Mode	Frame mode (Gigabit Ethernet) with CRC
Configuration Interface	1×USB 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	4×DVI, 1×HDMI, 2×SDI
Input Resolution	4096×2160@60Hz pixels maximum
Control Area	8.88million pixels maximum (W 8192 pixels, H 8192 pixels)
Output Signal	16×gigabit ethernet Interface
Network control	LAN(communication with PC, or access network)
Configuration Interface	1×USB in(connects with PC to configure parameters) 1×USB 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	1×VGA	1×HDMI, 1×VGA	1×HDMI, 1×VGA	1×HDMI, 1×VGA
Audio Input	-	-	1×3.5mm mini-jack	1×3.5mm mini-jack
Speaker	-	-	2×2W	2×2W
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	5U
Dimensions(W×H×D)	442mm×132mm×469mm(17.4"×5.2"×18.5")	442mm×220mm×469mm(17.4"×8.7"×18.5")
Weight	4kg(8.8lb)	5kg(11.0lb)
Consumption	<300W	<650W
Host Power Consumption	<60W	<60W
Card Slots	4	6
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, WXGA+: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, WXGA+: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

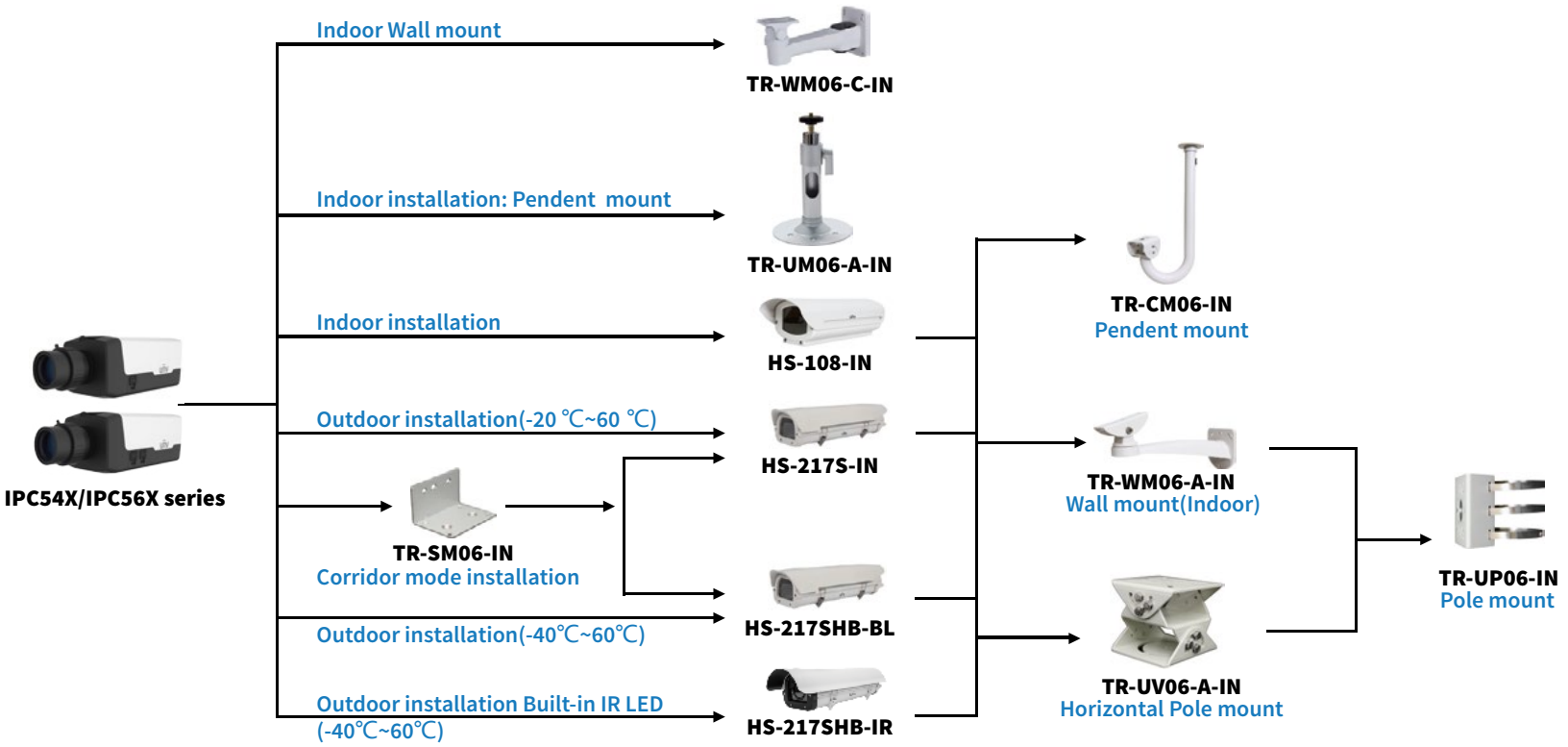
IP Camera Bracket

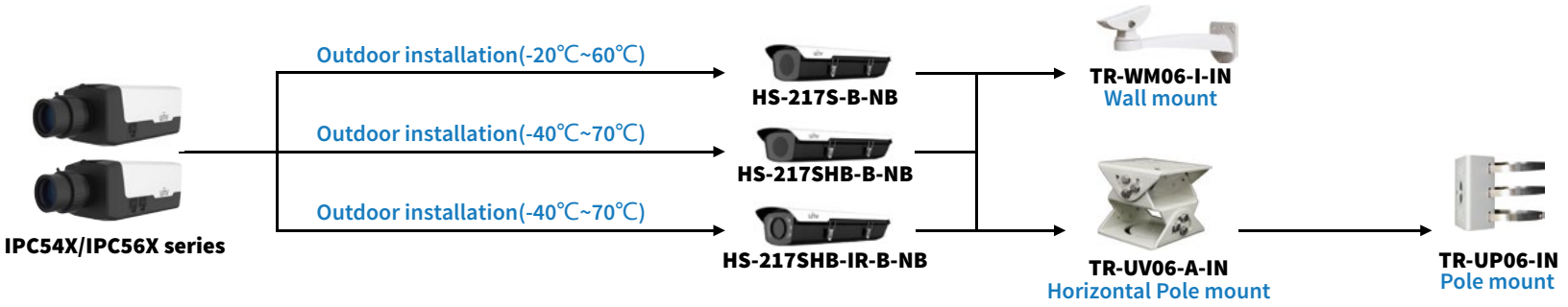
Switch

Network Cable

IP Camera Bracket

Box camera mount





IP Camera Bracket

Dome camera mount

IPC323X series

Junction box → TR-JB04-C-IN

Wall mount(Junction box) → TR-JB07/WM04-B-IN

Wall mount → TR-WM04-IN

In-ceiling mount → TR-FM152-A-IN

Electric-box Transfer plate → TR-SM04-IN

TR-A01-IN
Optional

NPT ¾” plastic
Waterproof joint

Pole mount

TR-UP06-IN

IPC32X S/E/L series

IPC31X

IPC354

Junction box → TR-JB03-G-IN

Wall mount(Junction box) → TR-JB07/WM03-G-IN

Wall mount → TR-WM03-D-IN

Tilted mounting → TR-UM06-E-IN

TR-A01-IN
Optional

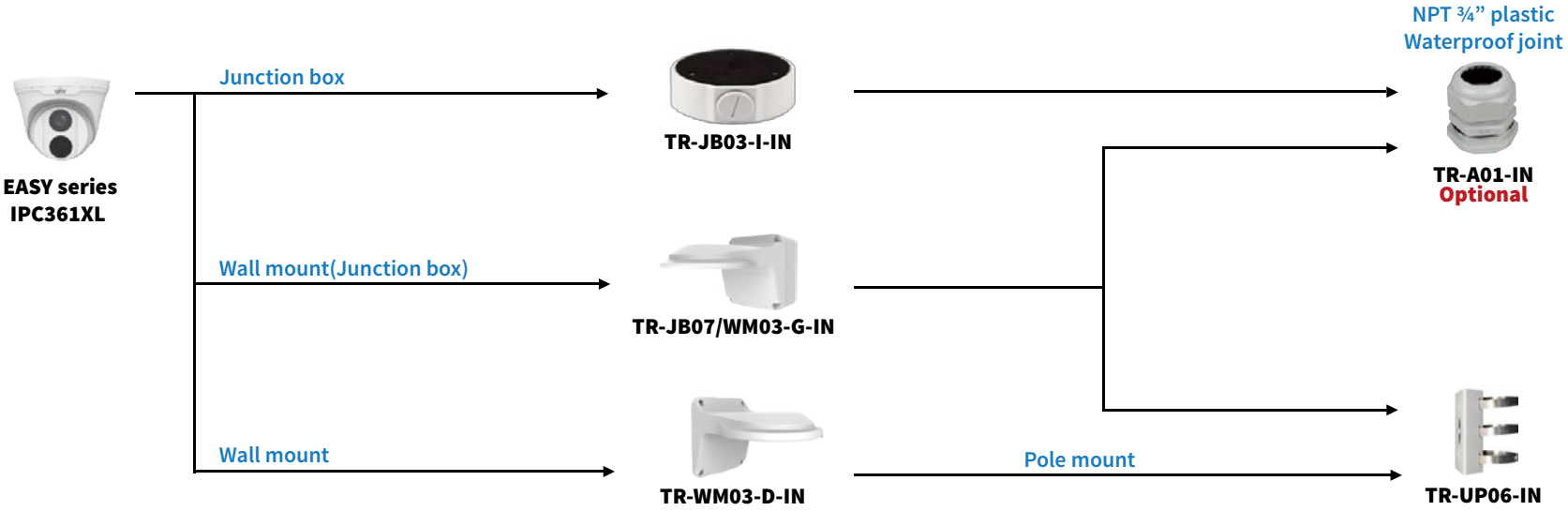
NPT ¾” plastic
Waterproof joint

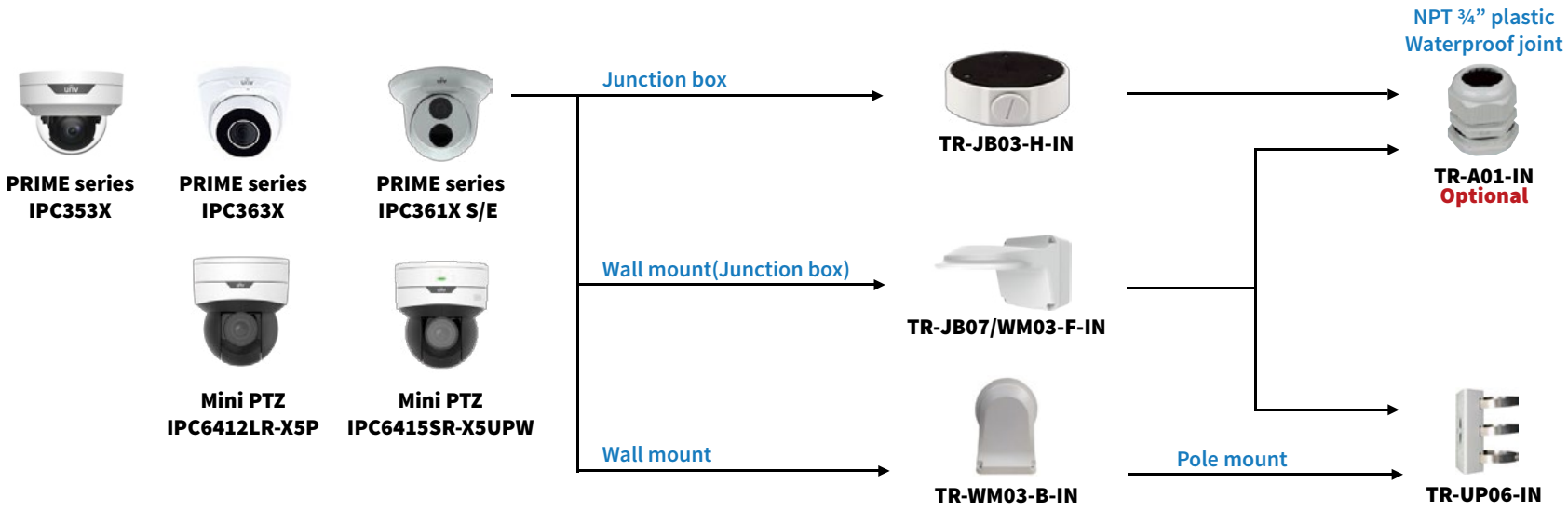
Pole mount

TR-UP06-IN

IP Camera Bracket

Dome camera mount





IP Camera Bracket

Fisheye camera mount

868 fisheye

Junction box

TR-JB04-D-IN

NPT ¾”Plastic Waterproof joint

Optional

TR-A01-IN

814 fisheye
815 fisheye

Junction box

TR-JB03-H-IN

NPT ¾”Plastic Waterproof joint

Optional

TR-A01-IN

IP Camera Bracket

Dome camera Indoor pendent mount

Junction box

IPC323X series + **TR-JB04-C-IN**

PRIME series IPC363X
PRIME Series IPC361X S/E
Mini PTZ
PRIME series IPC353X + **TR-JB03-H-IN**

EASY series
IPC361XL + **TR-JB03-I-IN**

IPC32X S/E/L series
IPC31X series
IPC354 series + **TR-JB03-G-IN**

868 fisheye + **TR-JB04-D-IN**

814 fisheye
815 fisheye + **TR-JB03-H-IN**

TR-SE24-IN
(NPT ¾ 200mm lengthen)

TR-SE24-A-IN
(NPT ¾ 500mm lengthen)

TR-CM24-IN
(NPT ¾ 200mm)

Pendent mount adaptor is for indoor.

Outdoor installation should take care of waterproof.

Indoor pendent mount

IP Camera Bracket

Dome camera mount

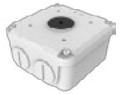
IPC23XX/ 222X series

IPC74X series

IPC26X series

Junction box

TR-JB07-D-IN



TR-JB06-A-IN

Pole mount

TR-UP06-B-IN

NPT ¾" plastic waterproof joint

TR-A01-IN
Optional

Pole mount
Recommended side outlet for cable

TR-UP06-C-IN

IPC252 series

Junction box

TR-JB07-D-IN

Pole mount

TR-UP06-B-IN

NPT ¾" plastic waterproof joint

TR-A01-IN
Optional

Pole mount
Recommended side outlet for cable

TR-UP06-C-IN

IPC2C22

Wall mount

TR-WM06-F

Wall mount

TR-WM06-C-IN

Pole mount

TR-UP06-B-IN

Pendent mount

TR-UM06-A-IN

IP Camera Bracket

Mini Bullet camera mount

IPC21XX

Pole mount

TR-UP06-B-IN

Junction box

TR-JB05-A-IN

Pole mount

TR-UP06-C-IN

NPT ¾” plastic waterproof joint

TR-A01-IN
Optional

IPC21XX
(Round mount)

Junction box

TR-JB06-IN

TR-JB05-B-IN
(Round)

IP Camera Bracket

PTZ camera mount

IPC62xx Series
IPC63xx Series

Pendent mount adaptor
(support side cabling)

TR-UF45-A-IN

Pendent mount (500mm)

TR-SE45-A-IN

Pendent mount (200mm)

TR-SE45-IN

Pendent mount (200mm)
(support side cabling)

TR-CE45-IN

Pendent mount adaptor is for indoor.
Outdoor installation should take care of waterproof.

Pendent mount adaptor
(support side cabling)

TR-UF45-A-IN

Wall mount
(Shorter bracket)

TR-WE45-IN

Wall mount
(Longer bracket)

TR-WE45-A-IN

Wall mount
(Swan neck bracket)

TR-WE45-B-IN

TR-JB12-IN

Pole mount

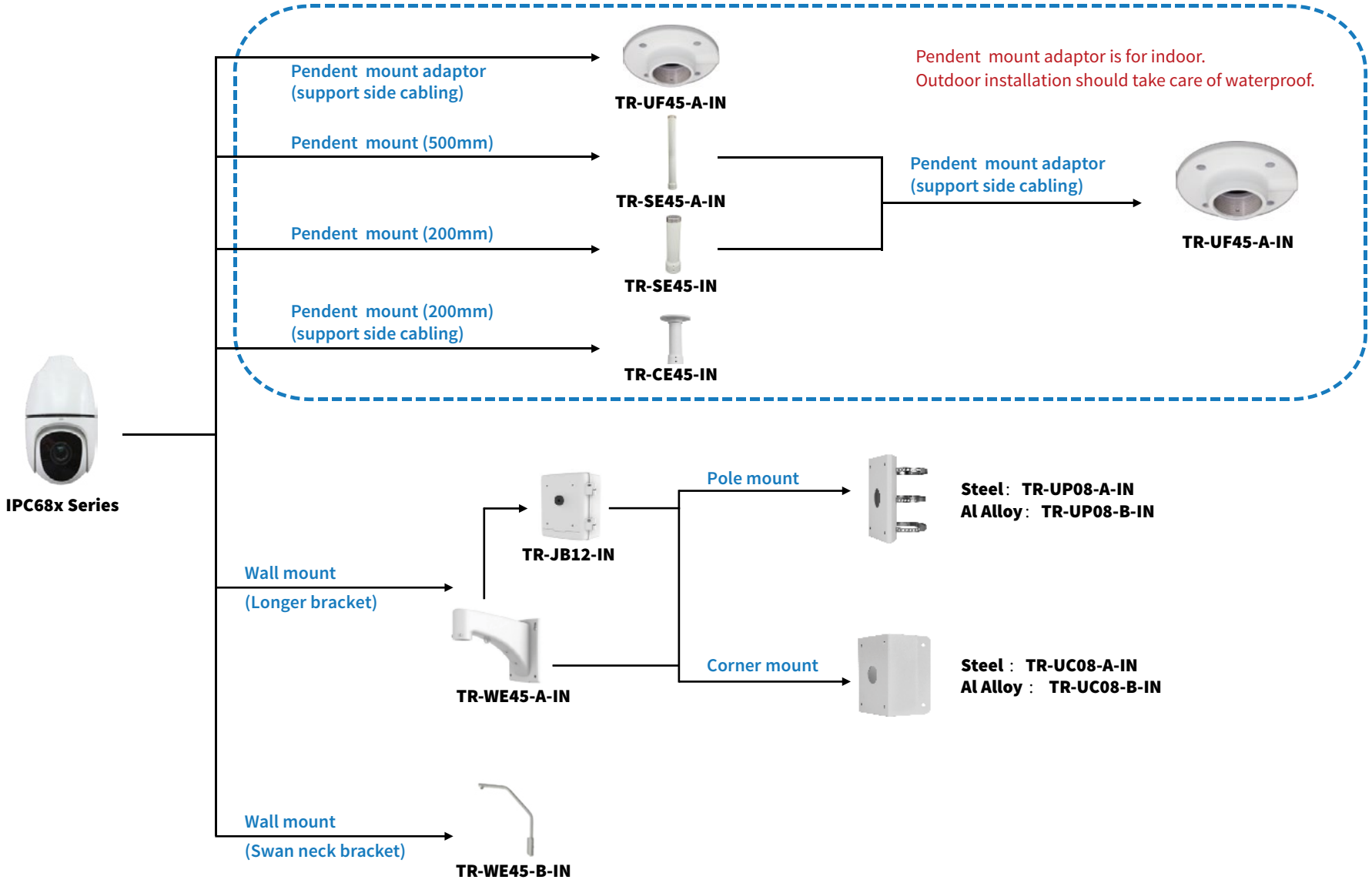
Steel: **TR-UP08-A-IN**
Al Alloy: **TR-UP08-B-IN**

Corner mount

Steel : **TR-UC08-A-IN**
Al Alloy : **TR-UC08-B-IN**

IP Camera Bracket

PTZ camera mount



IP Camera Bracket

Indoor PTZ camera mount

IPC6222EI-X22UP-C

In-ceiling mount

TR-FM200-IN

Adaptor

TR-UF45-H-IN

Indoor wall mount

Shorter bracket

TR-WE45-IN

Longer bracket

TR-WE45-A-IN

Swan neck bracket

TR-WE45-B-IN

Indoor pendent mount

TR-CE45-IN

Pendent mount (500mm)

TR-SE45-A-IN

Indoor pendent mount

TR-CE45-IN

Pendent mount (200mm)

TR-SE45-IN

IPC8542ER5-DUG

TR-WE45-D-IN

Junction Box(Optional)

TR-JB07-D-IN

Pendent mount

TR-CM06-C-IN

2D Bracket Mount

TR-UV06-C-IN

Pole mount

TR-UP06-IN

Wall Mount

TR-WE45-D-IN

Pole mount Adapter

TR-UP06-B-IN

Switch

Model	NSW2010-6T-POE-IN	NSW2010-10T-POE-IN	NSW2010-16T2GC-POE-IN	NSW2010-24T2GC-POE-IN
Appearance				
Ports	6×100Mbps network ports (RJ45), including 4 PoE ports	10×100Mbps network ports (RJ45), including 8 PoE ports	16×100Mbps PoE ports (RJ45)+2×1000Mbps Combo ports	24×100Mbps PoE ports (RJ45)+2×1000Mbps Combo ports
Standards	IEEE802.3,IEEE802.3u,IEEE802.3az,IEEE802.3x,IEEE802.3af,IEEE802.3at	IEEE802.3,IEEE802.3u,IEEE802.3az,IEEE802.3x,IEEE802.3af,IEEE802.3at	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
MAC	2K	8K	16K	16K
Packet forwarding rate	0.90Mpps	1.49Mpps	5.36Mpps	6.55Mpps
Switching capacity	1.2Gbps	2Gbps	7.2Gbps	8.8Gbps
EXTEND mode	Default(Normal mode) : All ports can communicate with each other. EXTEND(Surveillance mode): Transmission distance up to 250 meters.Downlink ports can communicate only with uplink ports.	Default(Normal mode) : All ports can communicate with each other. VLAN(Secure mode): Downlink ports can communicate only with uplink ports. EXTEND(Surveillance mode): Transmission distance up to 250 meters.Downlink ports can communicate only with uplink ports.	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.
PoE	802.3at/af Max capacity: 65W Max capacity for single port: 30W	802.3at/af Max capacity: 120W Max capacity for single port: 30W	802.3at/af Max capacity: 250W Max capacity for single port: 30W	802.3at/af Max capacity: 370W Max capacity for single port: 30W
Mean Time Between Failure (MTBF)	>50000 hours	>50000 hours	>50000 hours	>50000 hours
DC voltage/AC voltage	AC: 100-240V, 50/60Hz	AC: 100-240V, 50/60Hz	AC: 100-240V, 50/60Hz	AC: 100-240V, 50/60Hz
Operating temperature	0°C-40°C (32°F-104°F)	0°C-40°C (32°F-104°F)	0°C-40°C (32°F-104°F)	0°C-40°C (32°F-104°F)
Operating humidity	10%~90% (noncondensing)	10%~90% (noncondensing)	10%~90% (noncondensing)	10%~90% (noncondensing)
Storage humidity	5%~90% (noncondensing)	5%~90% (noncondensing)	5%~90% (noncondensing)	5%~90% (noncondensing)
Dimensions (W×D×H)	160mm x 93mm x 32mm(6.3"×3.7"×1.3")	220mm x 150mm x 44mm(8.7"×5.9"×1.7")	440mm x 207mm x 44mm(17.3"×8.1"×1.7")	440mm x 207mm x 45mm(17.3"×8.1"×1.8")

Network Cable

Model	CAB-LC2100B-IN
appearance	
Cable Type	CAT5E
Material/Copper Content	OFC
AWG	24
Insulation Material	HDPE
Sheath Material	PVC(complies RoHS/REACH)
Ambient Temperature	-20°C~60°C
Certification	UL, CPR

Model	CAB-LC3100B-IN
appearance	
Cable Type	CAT6
Material/Copper Content	OFC
AWG	23
Insulation Material	HDPE
Sheath Material	PVC(complies RoHS/REACH)
Ambient Temperature	-20°C~60°C
Certification	UL, CPR

Model	CAB-LC3200A-IN
appearance	
Cable Type	CAT6
Material/Copper Content	OFC
AWG	23
Insulation Material	HDPE
Sheath Material	PVC(complies RoHS/REACH)
Ambient Temperature	-20°C~60°C
Certification	UL

Model	CAB-LC3110B-E-IN
appearance	
Cable Type	CAT6
Material/Copper Content	OFC
AWG	24
Insulation Material	HDPE
Sheath Material	PVC(complies RoHS/REACH)(IN Jacket) LDPE(OUT Jacket)
Ambient Temperature	-20°C~60°C
Certification	N/A