

euovision



PRODUCT GUIDE 2017



CONTENTS

01 Network Camera Features

04 Network Camera

17 Accessories

21 NVR Features

23 NVR

32 NVR Disk Enclosure

33 IP SAN

34 IP SAN Disk Enclosure

34 Encoder & Decoder

35 Keyboard

36 Switch



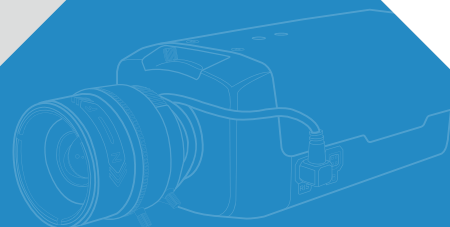


Aiming to excellence

Eurovision is one of the leading security systems companies in Europe. The company was founded in 2011 by group of individuals who were highly regarded in the field of security solutions. In 2013, Eurovision was acquired by an experienced European management team within the same field in order to create an alternative independent security product line.

The company offers now a variety of security equipment and it continues to add to its range of state of the art products on a regular basis. Eurovision manufactures HDTV surveillance IP cameras and software, leveraging its MegaVideo® technology.

ABOUT US





H.265

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



Smart

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



U-code

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



eMMC

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



4K

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



44X

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





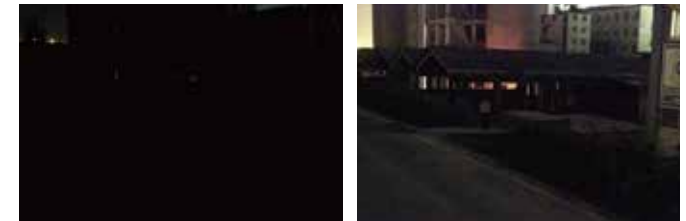
120dB WDR

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



Starlight

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



Fisheye

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



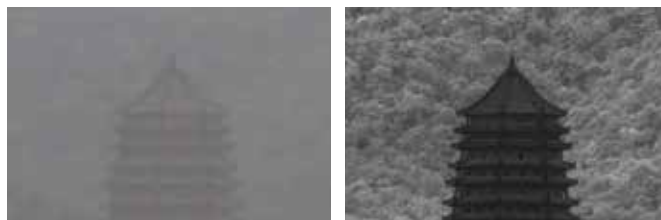
IP67

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



Optical Defog

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



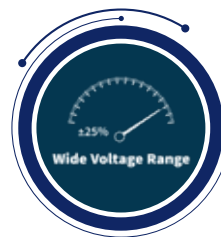
1+1 Share Mode

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



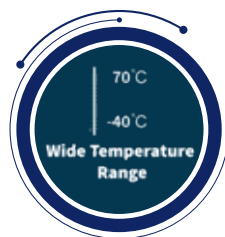
PIR

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



Wide Voltage Range

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



Wide Temperature Range

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



Surge Protection

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



Power Backup

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

NETWORK BOX CAMERA

Model	ECD452E-DLC-C	ECD652E-DUG	ECD658E-G
Appearance			
Product Series	Low-light	Starlight	Low-light
Sensor	1/2.9" / 2MP / CMOS	1/1.9" / 2MP / CMOS	1/1.7" / 12MP / CMOS
Wide Dynamic Range	120 dB	120 dB	Digital WDR
Motor Zoom/Focus	√	√	√
Video Compression	H.265, H.264, MJPEG	H.265, H.264, MJPEG	H.265, H.264, MJPEG
Smart Function	√	√	√
Frame Rate	1920 × 1080 30fps	1920 × 1080 60fps	4000 × 3000 20fps, 3840 × 2160 25fps
Defog	Digital defog	Optical defog & digital defog	Optical defog & digital defog
ABF	N/A	√	N/A
ROI(Region of Interest)	√	√	√
9:16 Corridor Mode	√	√	√
Video Streaming	Triple streams	Triple streams	Triple streams
Privacy Mask	√	√	√
Audio I/O	1 / 1	1 / 1	1 / 1
Alarm I/O	2 / 1	2 / 1	2 / 1
Edge Storage	MicroSD, up to 128GB	MicroSD, up to 128GB	MicroSD, up to 128GB
Network Interface	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet
Optical Interface	N/A	100M/1000M SFP	100M/1000M SFP
Reset Button	√	√	√
Power	AC 24V ±10%, DC 12V ±10% PoE(IEEE802.3af)	AC 24V ±25%, DC 12V ±25% PoE(IEEE802.3af)	AC 24V ±25%, DC 12V ±25% PoE(IEEE802.3af)
Working Environment	-20 C ~ 60 C (-4°F ~ 140°F)	-20 C ~ 60 C (-4°F ~ 140°F)	-20 C ~ 60 C (-4°F ~ 140°F)
Weight	0.48kg(1.1lb)	0.48kg(1.1lb)	0.48kg(1.1lb)
Power Consumption	Max 6.8W	Max 6.8W	Max 9.5W
Dimensions(L x W x H)	151.5mmx71mm x65mm (6.0" x 2.8" x 2.6")	151.5mmx71mm x65mm (6.0" x 2.8" x 2.6")	151.5mmx71mm x65mm (6.0" x 2.8" x 2.6")

NETWORK BULLET CAMERA

Model	ECD2211R3S-PF36(60)(120)	ECD2212R3S-PF40(60)-C	ECD2212R3S-UPF40(60)-C	ECD2214R3S-DPF36(60)(120)	ECD2214R3S-DPF36(60)-16G
Appearance					
Product Series	Low-light	Low-light	Starlight	Low-light	Low-light
Sensor	1/3" /1.3MP /CMOS	1/2.7" /2MP /CMOS	1/2.9" /2MP /CMOS	1/3" /4MP /CMOS	1/3" /4MP /CMOS
Wide Dynamic Range	Digital WDR	Digital WDR	Digital WDR	120dB	120dB
Zoom	Fixed	Fixed	Fixed	Fixed	Fixed
Lens	Focus: 3.6mm, 6mm, 12mm Iris: F1.8 Angle of view: 72.9°/46.7°/23.5°	Focus: 4mm, 6mm Iris: F1.8 Angle of view: 84.8°/54.9°	Focus: 4mm, 6mm Iris: F1.6 Angle of view: 76.6°/51.6°	Focus: 3.6mm, 6mm, 12mm Iris: F1.8 Angle of view: 80.8°/49.4°/25°	Focus: 3.6mm, 6mm Iris: F1.8 Angle of view: 80.8°/49.4°
IR	Up to 30m (98 ft)	Up to 30m (98 ft)	Up to 30m (98 ft)	Up to 30m (98 ft)	Up to 30m (98 ft)
Video Compression	H.264, MJPEG	H.265, H.264, MJPEG	H.265, H.264, MJPEG	H.265, H.264, MJPEG	H.265, H.264, MJPEG
Smart Function	N/A	√	√	√	√
Frame Rate	1280×960 30fps	1920 × 1080 30fps	1920 × 1080 30fps	2592×1520 20fps, 2560×1440 25fps	2592×1520 20fps, 2560×1440 25fps
ROI(Region of Interest)	√	√	√	√	√
9:16 Corridor Mode	√	√	√	√	√
Video Streaming	Triple streams	Triple Streams	Triple streams	Triple streams	Triple streams
Privacy Mask	√	√	√	√	√
Audio I/O	N/A	N/A	N/A	N/A	N/A
Alarm I/O	N/A	N/A	N/A	N/A	N/A
Edge Storage	N/A	N/A	N/A	N/A	Built-in 16 GB eMMC
Network Interface	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet
Optical Interface	N/A	N/A	N/A	N/A	N/A
Reset Button	√	√	√	√	√
Power	DC 12V ±25%, PoE(IEEE 802.3af)	DC12V ± 25%, PoE(IEEE 802.3af)	DC 12V ±25%, PoE(IEEE 802.3af)	DC 12V ±25%, PoE(IEEE 802.3af)	DC 12V ±25%, PoE(IEEE 802.3af)
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
Weight	0.45 kg (0.99 lb)	0.45 kg (0.99 lb)	0.45 kg (0.99 lb)	0.45 kg (0.99 lb)	0.45 kg (0.99 lb)
Power Consumption	Max 6.4W	Max 6.4W	Max 6.4W	Max 6.4W	Max 6.4W
Dimensions(L × W × H)	157.3 × 62.4 × 63 mm, (6.2" × 2.5" × 2.5")	157.3 × 62.4 × 63 mm, (6.2" × 2.5" × 2.5")	157.3 × 62.4 × 63 mm, (6.2" × 2.5" × 2.5")	157.3 × 62.4 × 63 mm, (6.2" × 2.5" × 2.5")	157.3 × 62.4 × 63 mm, (6.2" × 2.5" × 2.5")






Model	ECD2222R5S-UPF40(60)-B	ECD2222R5E-DUPF40(60)-C	ECD2224R5S-DPF40(60)-B	ECD2232R5EB-P-C	ECD2232R5EB-DPZ28-C
Appearance					
Product Series	Starlight	Starlight	Low-light	Low-light	Low-light
Sensor	1/2.9" / 2MP / CMOS	1/2.8" / 2MP / CMOS	1/3" / 4MP / CMOS	1/2.9" / 2MP / CMOS	1/2.9" / 2MP / CMOS
Wide Dynamic Range	Digital WDR	120dB	120dB	Digital WDR	120dB
Zoom	Fixed	Fixed	Fixed	Manual	Motorized
Lens	Focus: 4mm, 6mm Iris: F1.6 Angle of view: 76.6°/51.6°	Focus: 4mm, 6mm Iris: F1.2 Angle of view: 76.6°/51.6°	Focus: 4mm, 6mm Iris: F2.2 Angle of view: 77.7°/49.4°	Focus: 2.8 ~ 12mm Iris: F1.4 Angle of view: 94.0° ~ 28°	Focus: 2.8 ~ 12mm Iris: F1.4 Angle of view: 94.0° ~ 28°
IR	Up to 50m (164 ft)	Up to 50m (164 ft)	Up to 50m (164 ft)	Up to 50m (164 ft)	Up to 50m (164 ft)
Video Compression	H.265, H.264, MJPEG	H.265, H.264, MJPEG	H.265, H.264, MJPEG	H.265, H.264, MJPEG	H.265, H.264, MJPEG
Smart Function	√	√	√	√	√
Frame Rate	1920 × 1080 30fps	1920 × 1080 30fps	2592x1520 20fps, 2560x1440 25fps	1920 × 1080 30fps	1920 × 1080 30fps
ROI(Region of Interest)	√	√	√	√	√
9:16 Corridor Mode	√	√	√	√	√
Video Streaming	Triple streams	Triple streams	Triple Streams	Triple streams	Triple Streams
Privacy Mask	√	√	√	√	√
Audio I/O	N/A	N/A	N/A	1 / 1	1 / 1
Alarm I/O	N/A	N/A	N/A	1 / 1	1 / 1
Edge Storage	MicroSD, up to 128GB	MicroSD, up to 128GB	MicroSD, Up to 128GB	MicroSD, up to 128GB	MicroSD, Up to 128GB
Network Interface	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet
Optical Interface	N/A	N/A	N/A	N/A	N/A
Reset Button	N/A	N/A	N/A	N/A	N/A
Power	DC 12V ±25%, PoE(IEEE 802.3af)	DC 12V ±25%, PoE(IEEE 802.3af)	DC12V ± 25%, PoE(IEEE 802.3af)	DC 12V ±25%, PoE(IEEE 802.3af)	DC 12V ±25%, PoE(IEEE 802.3af)
Working Environment	-35°C ~ 60°C (-31°F ~ 140°F)	-35°C ~ 60°C (-31°F ~ 140°F)	-35°C ~ 60°C (-31°F ~ 140°F)	-35°C ~ 60°C (-31°F ~ 140°F)	-35°C ~ 60°C (-31°F ~ 140°F)
Ingress Protection	IP67	IP67	IP67	IP67	IP67
Weight	0.58kg (1.28lb)	0.58kg (1.28lb)	0.58kg (1.28lb)	0.58kg (1.28lb)	0.58kg (1.28lb)
Power Consumption	Max 9W	Max 9W	Max 9W	Max 9W	Max 9W
Dimensions(L × W × H)	253.4 × 86 × 71.7 mm, (9.98" × 3.4" × 2.8")	253.4 × 86 × 71.7 mm, (9.98" × 3.4" × 2.8")	253.4 × 86 × 71.7 mm, (9.98" × 3.4" × 2.8")	253.4 × 86 × 71.7 mm, (9.98" × 3.4" × 2.8")	253.4 × 86 × 71.7 mm, (9.98" × 3.4" × 2.8")

Model	ECD2234REB-DP	ECD2234REB-DPZ28	ECD622R9E-DUZ	ECD622EFW-DUZ	ECD622R9E-X10DU
Appearance					
Product Series	Low-light	Low-light	Starlight	Starlight	Starlight
Sensor	1/3" / 4MP / CMOS	1/3" / 4MP / CMOS	1/2.8" / 2MP / CMOS	1/2.8" / 2MP / CMOS	1/2.8" / 2MP / CMOS
Wide Dynamic Range	120dB	120dB	120dB	120dB	120dB
Zoom	Manual	Motorized	4X optical zoom	4X optical zoom	10X optical zoom
Lens	Focus: 2.8 ~ 12mm Iris: F1.4 Angle of view: 91° ~ 27°	Focus: 2.8 ~ 12mm Iris: F1.4 Angle of view: 91.0° ~ 27°	Focus: 2.8~12mm Iris: F1.6 Angle of view: 105°~33°	Focus: 2.8~12mm Iris: F1.6 Angle of view: 105°~33°	Focus: 4.7~47mm Iris: F1.6 Angle of view: 65°~9°
IR	Up to 30m (98 ft)	Up to 30m (98 ft)	Up to 100m (328 ft)	IR up to 50m (164 ft), White Light up to 10m(33ft) with PIR Alarm	Up to 100m (328 ft)
Video Compression	H.265, H.264, MJPEG	H.265, H.264, MJPEG	H.265, H.264, MJPEG	H.265, H.264, MJPEG	H.265, H.264, MJPEG
Smart Function	√	√	√	√	√
Frame Rate	2592×1520 20fps, 2560×1440 25fps	2592×1520 20fps, 2560×1440 25fps	1920×1080 30fps	1920×1080 30fps	1920×1080 30fps
ROI(Region of Interest)	√	√	√	√	√
9:16 Corridor Mode	√	√	√	√	√
Video Streaming	Triple streams	Triple Streams	Triple Streams	Triple Streams	Triple Streams
Privacy Mask	√	√	√	√	√
Audio I/O	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1
Alarm I/O	1 / 1	1 / 1	2 / 1	2 / 1	2 / 1
Edge Storage	MicroSD, up to 128GB	MicroSD, Up to 128GB	MicroSD, Up to 128GB	MicroSD, Up to 128GB	MicroSD, Up to 128GB
Network Interface	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet
Optical Interface	N/A	N/A	N/A	N/A	N/A
Reset Button	N/A	N/A	√	√	√
Power	DC 12V ±25%, PoE(IEEE 802.3af)	DC 12V ±25%, PoE(IEEE 802.3af)	AC 24V ±25%, DC 12V ±25%, PoE(IEEE802.3at)	AC 24V ±25%, DC 12V ±25%, PoE(IEEE802.3at)	AC 24V ±25%, DC 12V ±25%, PoE(IEEE802.3at)
Working Environment	-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
Weight	0.58kg (1.28lb)	0.58kg (1.28lb)	1.65kg(3.6lb)	1.65kg(3.6lb)	1.65kg(3.6lb)
Power Consumption	Max 9W	Max 9W	Max 13.7W	Max 13.7W	Max 13.7W
Dimensions(L x W x H)	253.4 × 86 × 71.7 mm, (9.98" × 3.4" × 2.8")	253.4 × 86 × 71.7 mm, (9.98" × 3.4" × 2.8")	305.5 x 104.1 x 97.3mm, (12.0" x 4.1" x 3.8")	305.5 x 104.1 x 97.3mm, (12.0" x 4.1" x 3.8")	305.5 x 104.1 x 97.3mm, (12.0" x 4.1" x 3.8")

Model	ECD628R9E-DZ	ECD522RAE-X22DUG	EDU622-DUZIT-ME (ITS)	ECD472R9S-PZ30-32G	ECD474R5S-PF40(60)-32G
Appearance					
Product Series	Low-light	Starlight	Starlight	Low-light	Low-light
Sensor	1/2.5" /8MP /CMOS	1/1.9" /2MP /CMOS	1/2.8" /2MP /CMOS	1/2.8" /2MP /CMOS	1/3" /4MP /CMOS
Wide Dynamic Range	120dB	120dB	120dB	Digital WDR	Digital WDR
Zoom	4X optical zoom	22X optical zoom	4X optical zoom	2X optical zoom, 16X digital zoom	Fixed
Lens	Focus: 2.8~12mm Iris: F1.6 Angle of view: 110°~36°	Focus: 6.5~143mm, Iris: F1.5~F3.4 Angle of view: 59°~3°	Focus: 2.8~12mm Iris: F1.6 Angle of view: 105°~33°	Focus: 3~6mm, Iris: F1.8 Angle of view: 90.9°~51.5°	Focus: 4mm, 6mm Iris: F1.8 Angle of view: 77.7°/49.4°
IR	Up to 100m (328 ft)	Up to 200m (656 ft)	Up to 100m (328 ft)	Up to 100m (328 ft)	Up to 50m (164 ft)
Video Compression	H.265, H.264, MJPEG	H.265, H.264, MJPEG	H.265, H.264, MJPEG	H.265, H.264, MJPEG	H.265, H.264, MJPEG
Smart Function	√	√	√	√	√
Frame Rate	3840×2160 30fps, 1920×1080 30fps	1920×1080 60fps	1920×1080 30fps	1920×1080 30fps	2592×1520 20fps, 2560×1440 25fps
ROI(Region of Interest)	√	√	√	√	√
9:16 Corridor Mode	√	√	√	N/A	N/A
Video Streaming	Triple Streams	Triple Streams	Triple Streams	Triple Streams	Triple Streams
Privacy Mask	√	√	√	√	√
Audio I/O	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1
Alarm I/O	2 / 1	2 / 1	2 / 1	2 / 1	2 / 1
Edge Storage	MicroSD, Up to 128GB	MicroSD, Up to 128GB	MicroSD, Up to 128GB	Built-in 32 GB eMMC	Built-in 32 GB eMMC
Network Interface	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet
Optical Interface	N/A	100M/1000M SFP	N/A	N/A	N/A
Reset Button	√	√	√	N/A	N/A
Power	AC 24V ±25%, DC 12V ±25%, PoE(IEEE802.3at)	AC 24V ±25%	AC 24V ±25%, DC 12V ±25%, PoE(IEEE802.3at)	DC 12V ±25%, PoE(IEEE 802.3at)	DC 12V ±25%, PoE(IEEE 802.3at)
Working Environment	-40°C ~ 60°C (-40°F ~ 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)	-35°C ~ 60°C (-31°F ~ 140°F)
Ingress Protection	IP67	IP67	IP67	IP66	IP66
Weight	1.65kg(3.6lb)	3.7kg(8.2lb)	1.65kg(3.6lb)	1.16kg(2.6lb)	1.16kg(2.6lb)
Power Consumption	Max 13.7W	Max 21W	Max 13.7W	Max 17.23W	Max 17.23W
Dimensions(L × W × H)	305.5 x 104.1 x 97.3mm, (12.0" x 4.1" x 3.8")	396.5 x 137 x 112 mm, (15.6" x 5.4" x 4.4")	305.5 x 104.1 x 97.3mm, (12.0" x 4.1" x 3.8")	357 x 106 x 194 mm, (14.1" x 4.2" x 7.7")	357 x 106 x 194 mm, (14.1" x 4.2" x 7.7")

NETWORK DOME CAMERA

Model	ECD231R3S-VSPF28(40)(60)	ECD232R3S-VSPF28(40)-C	ECD232R3S-VSPF28(40)-C	ECD232R3E-DUVPF28(40)-C	ECD234R3E-DVPF28(36)(60)
Appearance					
Product Series	Low-light / 3-Axis	Low-light / 3-Axis	Starlight	Low-light / 2-Axis	Low-light / 3-Axis
Sensor	1/3" / 1.3MP / CMOS	1/2.9" / 2MP / CMOS	1/2.8" / 2MP / CMOS	1/2.9" / 2MP / CMOS	1/3" / 4MP / CMOS
Wide Dynamic Range	Digital WDR	120dB	120dB	Digital WDR	120dB
Zoom	Fixed	Fixed	4X optical zoom	Fixed	Fixed
Lens	Focus: 2.8mm, 4mm, 6 mm Iris: F2.1 Angle of view (H): 105.2°/76.6°/51.5°	Focus: 2.8mm, 4.0mm Iris: F2.0 Angle of view (H): 105.2°/80.6°	Focus: 2.8-12mm Iris: F1.6 Angle of view: 105°~33°	Focus: 2.8mm, 4mm Iris: F1.6 Angle of view (H): 105.2°/80.6°	Focus: 2.8mm, 3.6m, 6mm Iris: F2.0 Angle of view (H): 101.8°/80.8°/49.4°
IR	Up to 30m (98 ft)	Up to 30m (98 ft)	Up to 100m (328 ft)	Up to 30m (98 ft)	Up to 30m (98 ft)
Video Compression	H.264, MJPEG	H.265, H.264, MJPEG	H.265, H.264, MJPEG	H.265, H.264, MJPEG	H.265, H.264, MJPEG
Smart Function	N/A	√	√	√	√
Frame Rate	1280 × 960 30fps	1920 × 1080 30fps	1920 × 1080 30fps	1920 × 1080 30fps	2592 × 1520 20fps, 2560 × 1440 25fps
ROI(Region of Interest)	√	√	√	√	√
9:16 Corridor Mode	√	√	√	√	√
Video Streaming	Triple streams	Triple streams	Triple Streams	Triple streams	Triple streams
Privacy Mask	√	√	√	√	√
Audio I/O	N/A	2 / 1 (Stereo)	1 / 1	N/A	2 / 1 (Stereo)
Alarm I/O	N/A	1 / 1	2 / 1	N/A	1 / 1
Edge Storage	MicoSD, up to 128G	MicoSD, up to 128G	MicroSD, Up to 128GB	MicoSD, up to 128G	MicoSD, up to 128G
Network Interface	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet
Optical Interface	N/A	N/A	N/A	N/A	N/A
Reset Button	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)
Power	-35 C ~ 60 C (-31°F ~ 140°F)	-35 C ~ 60 C (-31°F ~ 140°F)	AC 24V ±25%, DC 12V ±25%, PoE(IEEE802.3at)	-35 C ~ 60 C (-31°F ~ 140°F)	-35 C ~ 60 C (-31°F ~ 140°F)
Working Environment	IP67	IP67	-40°C ~ 60°C (-40°F ~ 140°F)	IP67	IP67
Vandal Resistant	IK10	IK10	IP67	IK10	IK10
Weight	0.45kg (0.99lb)	0.45kg (0.99lb)	1.65kg(3.6lb)	0.45kg (0.99lb)	0.45kg (0.99lb)
Power Consumption	Max 5.5W	Max 5.5W	Max 13.7W	Max 5.5W	Max 5.5W
Dimensions(Φ x H)	Φ108.5 x 81 mm (Ø4.28" x 3.2")	Φ108.5 x 81 mm (Ø4.28" x 3.2")	305.5 x 104.1 x 97.3mm, (12.0" x 4.1" x3.8")	Φ108.5 x 81 mm (Ø4.28" x 3.2")	Φ108.5 x 81 mm (Ø4.28" x 3.2")

Model	ECD1361R3S-PF28(36)(60)	ECD1362R3E-PF28(40)(60)-C	ECD1362R3E-PF28(40)(60)M-C	ECD1364R3S-DPF28(36)(60)	ECD1364R3S-DPF28(36)(60)M
Appearance					
Product Series	Low-light	Low-light	Low-light	Low-light	Low-light
Sensor	1/3" / 1.3MP / CMOS	1/2.9" / 2MP / CMOS	1/2.9" / 2MP / CMOS	1/3" / 4MP / CMOS	1/3" / 4MP / CMOS
Wide Dynamic Range	Digital WDR	Digital WDR	Digital WDR	120dB	120dB
Zoom	Fixed	Fixed	Fixed	Fixed	Fixed
Lens	Focus: 2.8mm, 3.6mm, 6mm Iris: F1.8 Angle of view (H): 97.4°/72.9°/46.7°	Focus: 2.8mm, 4mm Iris: F1.8 Angle of View (H): 109.9°/84.8°	Focus: 2.8mm, 4mm Iris: F1.8 Angle of View (H): 109.9°/84.8°	Focus: 2.8mm, 3.6mm, 6mm Iris: F1.8 Angle of view (H): 101.8°/80.8°/49.4°	Focus: 2.8mm, 3.6mm, 6mm Iris: F1.8 Angle of view (H): 101.8°/80.8°/49.4°
IR	Up to 30m (98 ft)	Up to 30 m (98 ft)	Up to 30 m (98 ft)	Up to 30m (98 ft)	Up to 30m (98 ft)
Video Compression	H.264, MJPEG	H.265, H.264, MJPEG	H.265, H.264, MJPEG	H.265, H.264, MJPEG	H.265, H.264, MJPEG
Smart Function	N/A	√	√	√	√
Frame Rate	1280 × 960 30fps	1920 × 1080 30fps	1920 × 1080 30fps	2592×1520 20fps, 2560×1440 25fps	2592×1520 20fps, 2560×1440 25fps
ROI(Region of Interest)	N/A	N/A	N/A	N/A	N/A
9:16 Corridor Mode	√	√	√	√	√
Video Streaming	Triple streams	Triple Streams	Triple Streams	Triple streams	Triple streams
Privacy Mask	√	√	√	√	√
Audio I/O	N/A	N/A	N/A	N/A	N/A
Alarm I/O	N/A	N/A	N/A	N/A	N/A
Edge Storage	N/A	N/A	N/A	N/A	N/A
Network Interface	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet
Optical Interface	N/A	N/A	N/A	N/A	N/A
Reset Button	DC 12V ±25%, PoE(IEEE 802.3af)	DC12V±25%, PoE(IEEE 802.3af)	DC12V±25%, PoE(IEEE 802.3af)	DC 12V ±25%, PoE(IEEE 802.3af)	DC 12V ±25%, PoE(IEEE 802.3af)
Power	-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)
Working Environment	IP67	IP67	IP67	IP67	IP67
Vandal Resistant	N/A	N/A	N/A	N/A	N/A
Weight	0.33 kg (0.73 lb)	0.33 kg (0.73 lb)	0.45 kg (0.99 lb)	0.33 kg (0.73 lb)	0.45 kg (0.99 lb)
Power Consumption	Max 5.5W	Max 5.5W	Max 5.5W	Max 5.5W	Max 5.5W
Dimensions(Φ x H)	Φ 126 x 94 mm (Φ 5.0" x 3.7")	Φ 126 x 94 mm (Φ 5.0" x 3.7")	Φ 126 x 94 mm (Φ 5.0" x 3.7")	Φ 126 x 94 mm (Φ 5.0" x 3.7")	Φ 126 x 94 mm (Φ 5.0" x 3.7")





Model	ECD132RS-VPF28(36)	ECD134RS-DVPF28(36)	ECD3322RE-VS-C	ECD3322RE-DV-C	ECD3322R3E-DVZ28-C
Appearance					
Product Series	Low-light	Low-light	Low-light	Low-light	Low-light
Sensor	1/2.8"/2MP/CMOS	1/3"/4MP/CMOS	1/2.9"/2MP/CMOS	1/2.9"/2MP/CMOS	1/2.9"/2MP/CMOS
Wide Dynamic Range	Digital WDR	120dB	Digital WDR	120dB	120dB
Zoom	Fixed	Fixed	Manual	Manual	Motorized
Lens	Focus: 2.8mm, 3.6mm Iris: F2.0 Angle of view (H): 105.2°/79.7°	Focus: 2.8mm, 3.6mm Iris: F2.0 Angle of view (H): 101.8°/76.8°	Focus: 2.8~12mm Iris: F1.4 Angle of view (H): 94.0°~28°	Focus: 2.8~12mm Iris: F1.4 Angle of view (H): 94.0°~28°	Focus: 2.8~12mm Iris: F1.4 Angle of view (H): 94.0°~28°
IR	Up to 15m (49 ft)	Up to 15m (49 ft)	Up to 30m (98 ft)	Up to 30m (98 ft)	Up to 30m (98 ft)
Video Compression	H.264, MJPEG	H.265, H.264, MJPEG	H.265, H.264, MJPEG	H.265, H.264, MJPEG	H.265, H.264, MJPEG
Smart Function	N/A	√	√	√	√
Frame Rate	1920 × 1080 30fps	2592 × 1520 20fps, 2560 × 1440 25fps	1920 × 1080 30fps	1920 × 1080 30fps	1920 × 1080 30fps
ROI(Region of Interest)	√	√	√	√	√
9:16 Corridor Mode	√	√	√	√	√
Video Streaming	Triple streams	Triple streams	Triple streams	Triple streams	Triple streams
Privacy Mask	√	√	√	√	√
Audio I/O	1 / 1 and 1 built-in MicroPhone	1 / 1 and 1 built-in MicroPhone	N/A	1 / 1	1 / 1
Alarm I/O	N/A	N/A	N/A	1 / 1	1 / 1
Edge Storage	MicroSD, up to 128GB	MicroSD, up to 128GB	MicroSD, up to 128GB	MicroSD, up to 128GB	MicroSD, up to 128GB
Network Interface	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet
Optical Interface	N/A	N/A	√	√	√
Reset Button	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)
Power	-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)
Working Environment	IP66	IP66	IP67	IP67	IP67
Vandal Resistant	IK10	IK10	IK10	IK10	IK10
Weight	0.25 kg (0.55 lb)	0.25 kg (0.55 lb)	0.75 kg (1.7 lb)	0.75 kg (1.7 lb)	0.75 kg (1.7 lb)
Power Consumption	Max 5W	Max 5W	Max 7.2W	Max 7.2W	Max 7.2W
Dimensions(Φ x H)	Φ110 x 61 mm (Φ4.3" x 2.4")	Φ110 x 61mm (Φ4.3" x 2.4")	Φ148 x 111.3 mm (Φ5.8" x 4.4")	Φ148 x 111.3 mm (Φ5.8" x 4.4")	Φ148 x 111.3 mm (Φ5.8" x 4.4")





Model	ECD3324RS-DV	ECD3324R3S-DVZ28	ECD3322R3E-DUV	ECD3322R3E-DUVZ	ECD3328R3E-DVZ
Appearance					
Product Series	Low-light	Low-light	Startlight	Startlight	Low-light
Sensor	1/3"/4MP/CMOS	1/3"/4MP/CMOS	1/2.8"/2MP/CMOS	1/2.8"/2MP/CMOS	1/2.5"/8MP/CMOS
Wide Dynamic Range	120dB	120dB	120dB	120dB	120dB
Zoom	Manual	Motorized	Manual	4X optical zoom	4X optical zoom
Lens	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): 105.0°~33°	Focus: 2.8~12mm Iris: F1.4 Angle of view (H): 105.0°~33°	Focus: 2.8~12mm Iris: F1.4 Angle of view (H): 110.0°~36°
IR	Up to 30m (98 ft)	Up to 30m (98 ft)	Up to 30m (98 ft)	Up to 30m (98 ft)	Up to 30m (98 ft)
Video Compression	H.265, H.264, MJPEG	H.265, H.264, MJPEG	H.265, H.264, MJPEG	H.265, H.264, MJPEG	H.265, H.264, MJPEG
Smart Function	√	√	√	√	√
Frame Rate	2592 × 1520 20fps, 2560 × 1440 25fps	2592 × 1520 20fps, 2560 × 1440 25fps	1920 × 1080 30fps	1920 × 1080 30fps	3840×2160 30fps, 1920×1080 30fps
ROI(Region of Interest)	√	√	√	√	√
9:16 Corridor Mode	√	√	√	√	√
Video Streaming	Triple streams	Triple streams	Triple streams	Triple streams	Triple streams
Privacy Mask	√	√	√	√	√
Audio I/O	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1
Alarm I/O	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1
Edge Storage	MicroSD, up to 128GB	MicroSD, up to 128GB	MicroSD, up to 128GB	MicroSD, up to 128GB	MicroSD, up to 128GB
Network Interface	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet
Optical Interface	√	√	√	√	√
Reset Button	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)
Power	-40°C ~ 60°C (-40°F ~ 140°F)	-40°C ~ 60°C (-40°F ~ 140°F)	-40°C ~ 60°C (-40°F ~ 140°F)	-40°C ~ 60°C (-40°F ~ 140°F)	-40°C ~ 60°C (-40°F ~ 140°F)
Working Environment	IP67	IP67	IP67	IP67	IP67
Vandal Resistant	IK10	IK10	IK10	IK10	IK10
Weight	0.75 kg (1.7 lb)	0.75 kg (1.7 lb)	0.75 kg (1.7 lb)	0.75 kg (1.7 lb)	0.75 kg (1.7 lb)
Power Consumption	Max 7.2W	Max 7.2W	Max 7.2W	Max 7.2W	Max 8.7W
Dimensions(Φ x H)	Φ148 x 111.3 mm (Φ5.8" x 4.4")	Φ148 x 111.3 mm (Φ5.8" x 4.4")	Φ148 x 111.3 mm (Φ5.8" x 4.4")	Φ148 x 111.3 mm (Φ5.8" x 4.4")	Φ148 x 111.3 mm (Φ5.8" x 4.4")

Model	ECD3362R3E-DPZ28-C	ECD3364R3E-DPZ28	ECD418RS-DVSPF16	ECD418RS-DVPF16	ECD688RE-VF18-B
Appearance					
Product Series	Low-light	Low-light	Low-light	Low-light	Low-light
Sensor	1/2.9" / 2MP / CMOS	1/3" / 2MP / CMOS	1/3"/4MP/CMOS	1/3"/4MP/CMOS	1/1.7"/12MP/CMOS
Wide Dynamic Range	120dB	120dB	120dB	120dB	Digital WDR
Zoom	Motorized	Motorized	Fixed	Fixed	Fixed
Lens	Focus:2.7~12mm Iris:F1.4 Angle of View (H):94.0°~28°	Focus:2.7~12mm Iris:F1.4 Angle of View (H):91.0°~27°	Focus: 1.6mm Iris: F1.6 Angle of view (H): 180°	Focus: 1.6mm Iris: F1.6 Angle of view (H): 180°	Focus:1.8mm Iris:F1.6 Angle of View (H):360°
IR	Up to 30m (98 ft)	Up to 30m (98 ft)	Up to 10m (33 ft)	Up to 10m (33 ft)	Up to 20 m (65 ft)
Video Compression	H.265,H.264,MJPEG	H.265,H.264,MJPEG	H.265, H.264, MJPEG	H.265, H.264, MJPEG	H.265, H.264, MJPEG
Smart Function	√	√	√	N/A	N/A
Frame Rate	1920 × 1080 30fps	2592 × 1520 20fps, 2560 × 1440 25fps	2560 × 1440 25fps	2560 × 1440 25fps	4000 × 3000 20fps, 3008 × 3000 25fps
ROI(Region of Interest)	√	√	√	√	√
9:16 Corridor Mode	√	√	√	√	√
Video Streaming	Triple streams	Triple streams	Single stream(1 panoramic view)	Single stream(1 panoramic view)	Six Streams(1 fisheye view, 1 panoramic view, 4 PTZ View)
Privacy Mask	√	√	√	√	√
Audio I/O	N/A	N/A	N/A	1 / 1 and 1 built-in Omnidirectional MicroPhone	1 / 1 and 1 built-in MicroPhone, 1 built-in Speaker
Alarm I/O	N/A	N/A	N/A	1 / 1	2 / 1
Edge Storage	MicroSD, up to 128GB	MicroSD, up to 128GB	MicroSD, up to 128GB	MicroSD, up to 128GB	MicroSD, Up to 128GB
Network Interface	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet
Optical Interface	√	√	√	√	√
Reset Button	DC12V±25%, PoE(IEEE 802.3af)	DC12V±25%, PoE(IEEE 802.3af)*	DC 12V ±25%, PoE(IEEE 802.3af)	DC 12V ±25%, PoE(IEEE 802.3af)	DC12V±25%, PoE(IEEE 802.3af)
Power	-40°C ~ 60°C (-40°F ~ 140°F)	-40°C ~ 60°C (-40°F ~ 140°F)	-40°C ~ 60°C (-40°F ~ 140°F)	-40°C ~ 60°C (-40°F ~ 140°F)	-35°C ~ +60°C (-31°F ~ 140°F)
Working Environment	IP67	IP67	IP66	IP66	IP66
Vandal Resistant	N/A	N/A	IK10	IK10	IK10
Weight	0.67 kg (1.48lb)	0.67 kg (1.48lb)	0.39kg(0.86lb)	0.39kg(0.86lb)	0.5kg(1.1lb)
Power Consumption	Max 8.16W	Max 8.16W	Max 11W	Max 11W	max.21 W
Dimensions(Φ x H)	Φ129 x 110 mm (Ø5.08" x 4.3")	Φ129 x 110 mm (Ø5.08" x 4.3")	Φ125x 43.7 mm (Φ4.9" x 1.7")	Φ125x 43.7 mm (Φ4.9" x 1.7")	Φ149mmx51.5mm (Φ5.9" x 2.0")

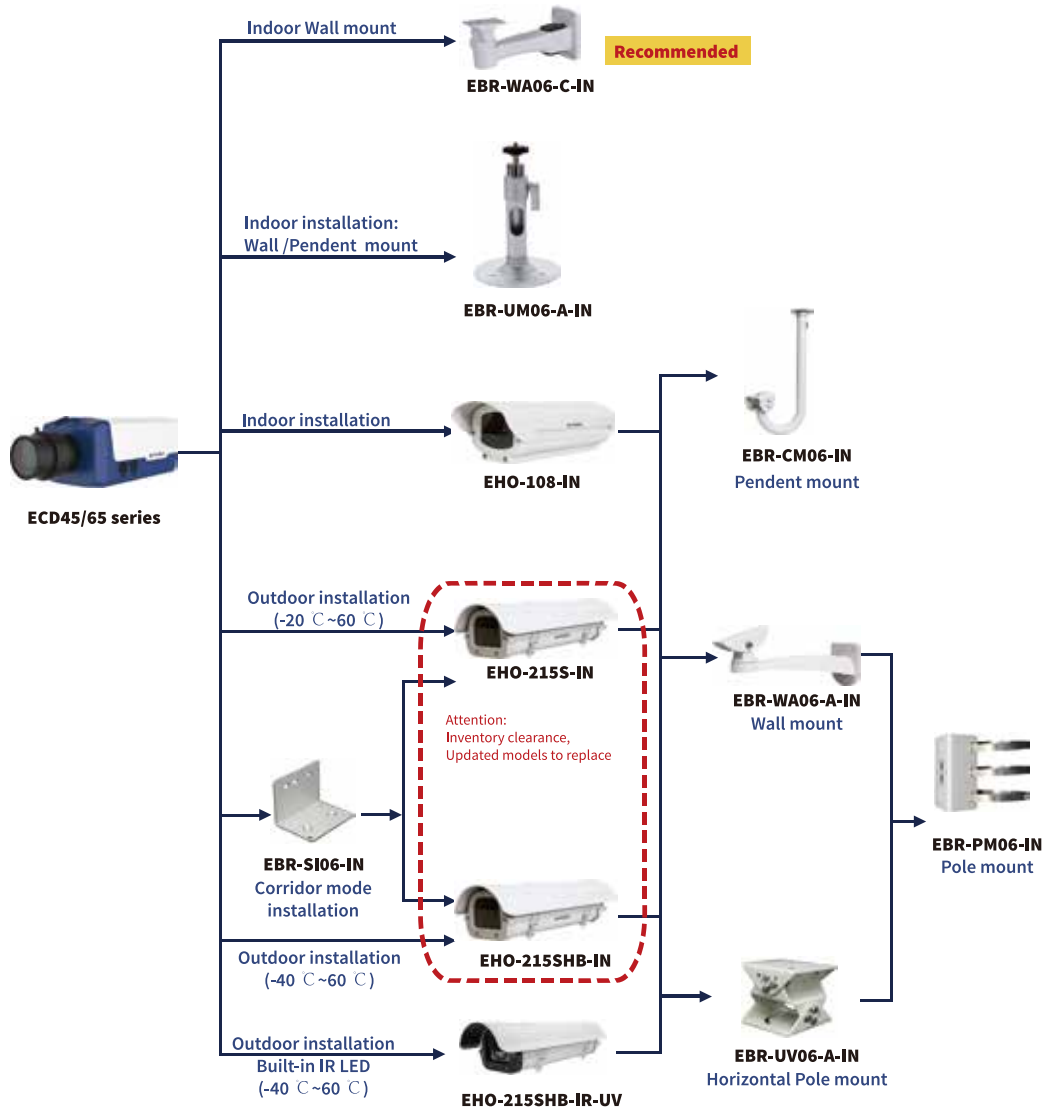
NETWORK PTZ DOME CAMERA

Model	ECD2622RE-X20(P)-B	ECD2622RE-X30(P)-B	ECD2622IE-X22UP-C	ECD5622RS-X22U
Appearance				
Product Series	Low-light	Low-light	Starlight	Starlight
Sensor	1/3" / 2MP / CMOS	1/3" / 2MP / CMOS	1/2.8" / 2MP / CMOS	1/1.9" / 2MP / CMOS
Lens	Focus: 5.2~104 mm, Iris: F1.5~F3.0 Angle of view (H): 61.9°~3.5°	Focus: 4.5~135 mm, Iris: F1.6~F4.4 Angle of view (H): 62.9°~2.3°	Focus: 5.2~114.4 mm, Iris: F1.5~F3.0 Angle of view (H): 55.9°~3.4°	Focus: 6.5~143 mm, Iris: F1.5~F3.4 Angle of view (H): 70°~3.76°
Optical Zoom	20X	30X	22X	22X
WDR	Digital WDR	Digital WDR	Digital WDR	120dB
Pan Range	360°	360°	360°	360°
Pan Speed	0.1°/s ~ 240°/s	0.1°/s ~ 240°/s	0.1°/s ~ 400°/s	0.1°/s ~ 240°/s
Tilt Range	-15° ~ +90°	-15° ~ +90°	-18° ~ +90°	-15° ~ +90°
Tilt Speed	0.1° ~ 160°/s	0.1° ~ 160°/s	0.1°/s ~ 240°/s	0.1° ~ 160°/s
IR	Up to 150 m (492 ft)	Up to 150 m (492 ft)	N/A	Up to 200 m (656 ft)
Video Compression	H.265, H.264, MJPEG	H.265, H.264, MJPEG	H.265, H.264, MJPEG	H.265, H.264, MJPEG
Smart Function	√	√	√	√
Frame Rate	1920 × 1080 30fps	1920 × 1080 30fps	1920 × 1080 30fps	1920 × 1080 60fps
Video Streaming	Triple streams	Triple streams	Triple streams	Triple streams
Privacy Mask	√	√	√	√
Patrol	√	√	√	√
Preset	256	256	256	256
Audio I/O	1 / 1	1 / 1	1 / 1	1 / 1
Alarm I/O	1 / 1	1 / 1	2 / 1	2 / 1
Edge Storage	MicroSD, up to 128GB	MicroSD, up to 128GB	MicroSD, up to 128GB	MicroSD, up to 128GB
Network Interface	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet
Optical Interface	N/A	N/A	N/A	N/A
Reset Button	N/A	N/A	N/A	√
Power	AC 24V ±25%, DC 24V ±25%, PoE (-P,PSE Required)	AC 24V ±25%, DC 24V ±25%, PoE (-P,PSE Required)	AC 24V ±25%, DC 24V ±25%, PoE (-P,IEEE 802.3at)	AC 24V ±25%, DC 24V ±25%
Ingress Protection	IP66	IP66	IP65	IP66
Working Environment	-40°C ~ 65°C (-40°F ~ 149°F)	-40°C ~ 65°C (-40°F ~ 149°F)	-20°C ~ 50°C (-4°F ~ 122°F)	-40°C ~ 70°C (-40°F ~ 158°F)
Weight	5.28 kg (11.6 lb)	5.28 kg (11.6 lb)	3.2 kg (7.1 lb)	5.5 kg (12.1 lb)
Power Consumption	9 ~ 42W	9 ~ 42W	8 ~ 20W	11 ~ 47W
Dimensions	Φ227mm×359.4mm(Φ8.9" x 14.2")	Φ227mm×359.4mm(Φ8.9" x 14.2")	Φ218mm×298mm(Φ8.6" x 11.7")	Φ227 x 359.4mm (Φ8.9" x 14.2")

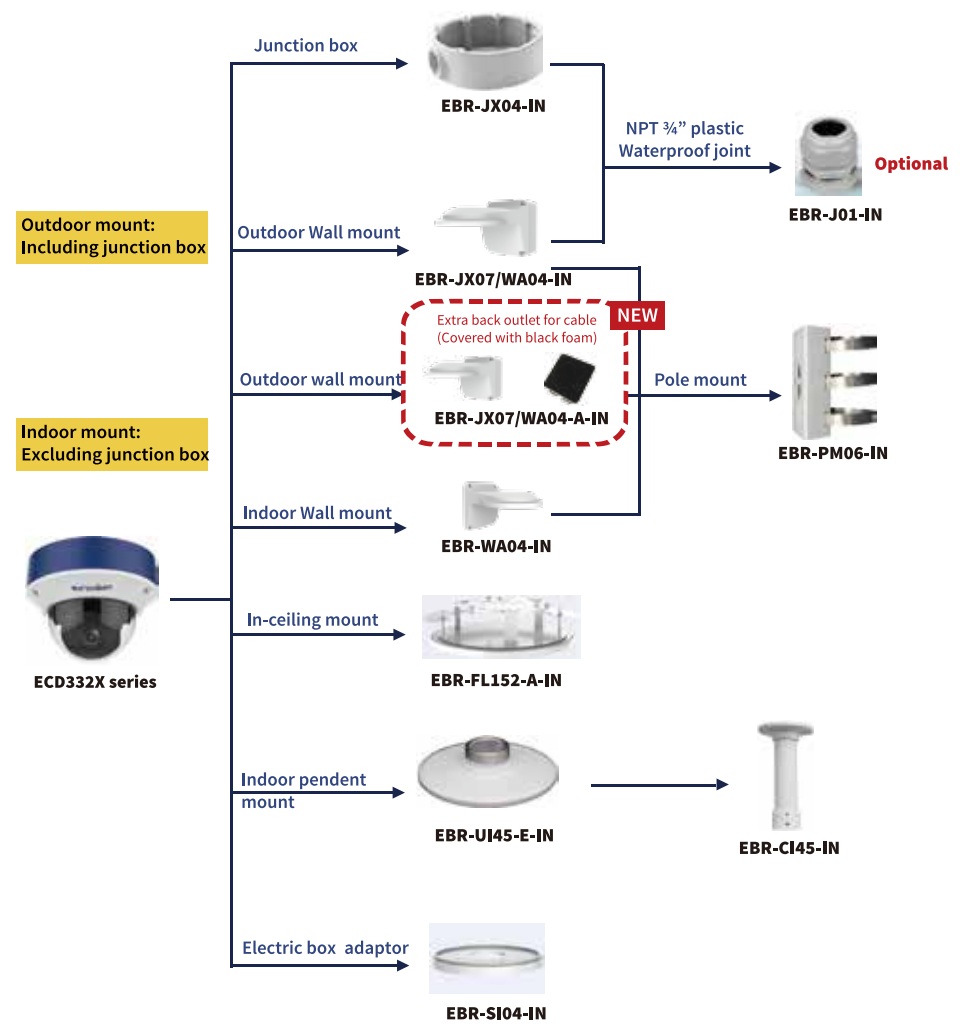
Model	ECD5622RS-X22UG	ECD5622RS-X33U	ECD5622SFW-X22U	ECD5622LS-X33UP
Appearance				
Product Series	Starlight	Starlight	Starlight	Starlight,Laser
Sensor	1/1.9" / 2MP / CMOS	1/2.8" / 2MP / CMOS	1/1.9" / 2MP / CMOS	1/2.8" / 2MP / CMOS
Lens	Focus: 6.5~143 mm, Iris: F1.5~F3.4 Angle of view (H): 70°~3.76°	Focus: 4.5~148.5 mm, Iris: F1.6~F5.3 Angle of view (H): 62.93°~3.67°	Focus: 6.5~143 mm, Iris: F1.5~F3.4 Angle of view (H): 70°~3.76°	Focus: 4.5~148.5 mm, Iris: F1.6~F5.3 Angle of view (H): 62.93°~3.67°
Optical Zoom	22X	33X	22X	33X
WDR	120dB	120dB	120dB	120dB
Pan Range	360°	360°	360°	360°
Pan Speed	0.1°/s ~ 240°/s	0.1°/s ~ 240°/s	0.1°/s ~ 240°/s	0.1°/s ~ 240°/s
Tilt Range	-15° ~ +90°	-15° ~ +90°	-15° ~ +90°	-15° ~ +90°
Tilt Speed	0.1° ~ 160°/s	0.1° ~ 160°/s	0.1° ~ 160°/s	0.1° ~ 160°/s
IR	Up to 200 m (656 ft)	Up to 200 m (656 ft)	<30m white light, 30~200m IR	VF laser, up to 500m (1640 ft)
Video Compression	H.265, H.264, MJPEG	H.265, H.264, MJPEG	H.265, H.264, MJPEG	H.265, H.264, MJPEG
Smart Function	√	√	√	√
Frame Rate	1920 × 1080 60fps	1920 × 1080 60fps	1920 × 1080 60fps	1920 × 1080 60fps
Video Streaming	Triple streams	Triple streams	Triple streams	Triple streams
Privacy Mask	√	√	√	√
Patrol	√	√	√	√
Preset	256	256	256	256
Audio I/O	1 / 1	1 / 1	1 / 1	1 / 1
Alarm I/O	2 / 1	2 / 1	2 / 1	1 / 1
Edge Storage	MicroSD, up to 128GB	MicroSD, up to 128GB	MicroSD, up to 128GB	MicroSD, up to 128GB
Network Interface	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet
Optical Interface	100M/1000M SFP	N/A	N/A	N/A
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 (PSE Required)
Ingress Protection	IP66	IP66	IP66	IP66
Working Environment	-40°C ~ 70°C (-40°F ~ 158°F)	-40°C ~ 70°C (-40°F ~ 158°F)	-40°C ~ 70°C (-40°F ~ 158°F)	-40 C ~ 70 C (-40°F ~ 158°F)
Weight	5.5 kg (12.1 lb)	5.5 kg (12.1 lb)	5.5kg (12.1 lb)	5.6 kg (12.3 lb)
Power Consumption	15 ~51W	11 ~47W	12 ~ 46W	8~47 W
Dimensions	Φ227 x 359.4mm (Φ8.9" x 14.2")	Φ227 x 359.4mm (Φ8.9" x 14.2")	Φ227 x 359.4mm (Φ8.9" x 14.2")	Φ227mm×359.4mm(Φ8.9" x 14.2")

Model	ECD5623RS-X33	ECD5682RS-X44U	ECD5688RS-X22	ECD5628RS-X22P
Appearance				
Product Series	Low-light	Starlight	Low-light	Low-light
Sensor	1/2.8" / 3MP / CMOS	1/2.8" / 2MP / CMOS	1/1.7" / 12MP / CMOS	1/1.7" / 12MP / CMOS
Lens	Focus: 4.5~148.5 mm, Iris: F1.6~F5.3 Angle of view (H): 75°~6.2°	Focus: 5~220 mm, Iris: F1.2~F3.5 Angle of view (H): 56.7°~3.07°	Focus: 6.5~143 mm, Iris: F1.5~F3.4 Angle of view (H): 56.7°~3.07°	Focus: 6.5~143 mm, Iris: F1.5~F3.4 Angle of view (H): 56.7°~3.07°
Optical Zoom	33X	44X	22X	22X
WDR	120dB	120dB	Digital WDR	Digital WDR
Pan Range	360°	360°	360°	360°
Pan Speed	0.1°/s ~ 240°/s	0.1°/s ~ 240°/s	0.1°/s ~ 240°/s	0.1°/s ~ 240°/s
Tilt Range	-15° ~ +90°	-15° ~ +90°	-15° ~ +90°	-15° ~ +90°
Tilt Speed	0.1° ~ 160°/s	0.1° ~ 160°/s	0.1° ~ 160°/s	0.1° ~ 160°/s
IR	Up to 200 m (656 ft)	Up to 250 m (820 ft)	Up to 250 m (820 ft)	Up to 200 m (656 ft)
Video Compression	H.265, H.264, MJPEG	H.265, H.264, MJPEG	H.265, H.264, MJPEG	H.265, H.264, MJPEG
Smart Function	√	√	√	√
Frame Rate	2048 × 1536 30fps	1920 × 1080 60fps	4000×3000 20fps, 3840×2160 30fps	4000×3000 20fps, 3840×2160 30fps
Video Streaming	Triple streams	Triple streams	Triple streams	Triple streams
Privacy Mask	√	√	√	√
Patrol	√	√	√	√
Preset	256	256	256	256
Audio I/O	1 / 1	1 / 1	1 / 1	1 / 1
Alarm I/O	2 / 1	2 / 1	2 / 1	2 / 1
Edge Storage	MicroSD, up to 128GB	MicroSD, up to 128GB	MicroSD, up to 128GB	MicroSD, up to 128GB
Network Interface	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet	10M/100M Base-TX Ethernet
Optical Interface	N/A	N/A	N/A	N/A
Reset Button	√	√	√	√
Power	AC 24V ±25%, DC 24V ±25%	AC 24V ±25%, DC 24V ±25%	AC 24V ±25%, DC 24V ±25%	AC 24V ±25%, DC 24V ±25%
Ingress Protection	IP66	IP66	IP66	IP66
Working Environment	-40°C ~ 70°C (-40°F ~ 158°F)	-40°C ~ 70°C (-40°F ~ 158°F)	-40°C ~ 70°C (-40°F ~ 158°F)	-40°C ~ 70°C (-40°F ~ 158°F)
Weight	5.5kg (12.1 lb)	9.69 kg (21.4 lb)	9.69 kg (21.4 lb)	5.5 kg (12.1 lb)
Power Consumption	11 ~ 47W	16 ~56W	16 ~56W	8 ~52.5W
Dimensions	Φ227mm×359.4mm(Φ8.9" x 14.2")	Φ270 x 496.7mm (Φ10.6" x 19.6")	Φ270 x 496.7mm (Φ10.6" x 19.6")	Φ227 x 359.7mm (Φ8.9" x 14.2")

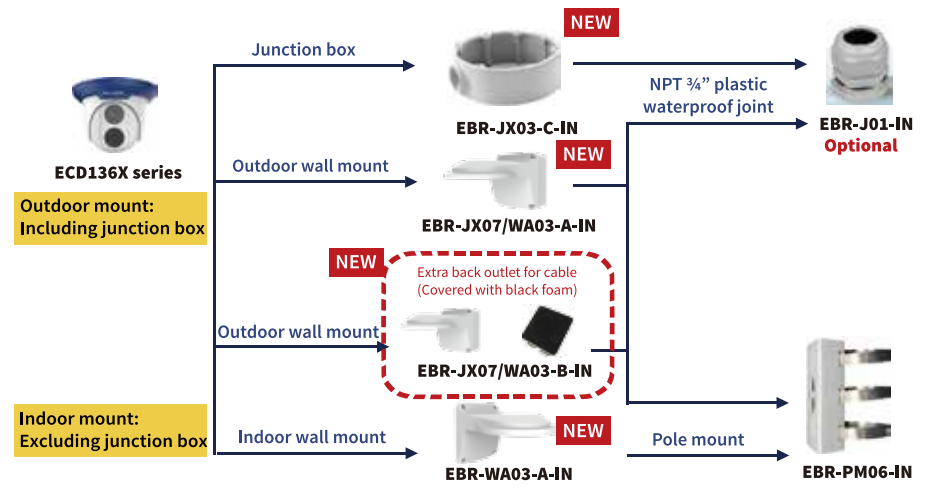
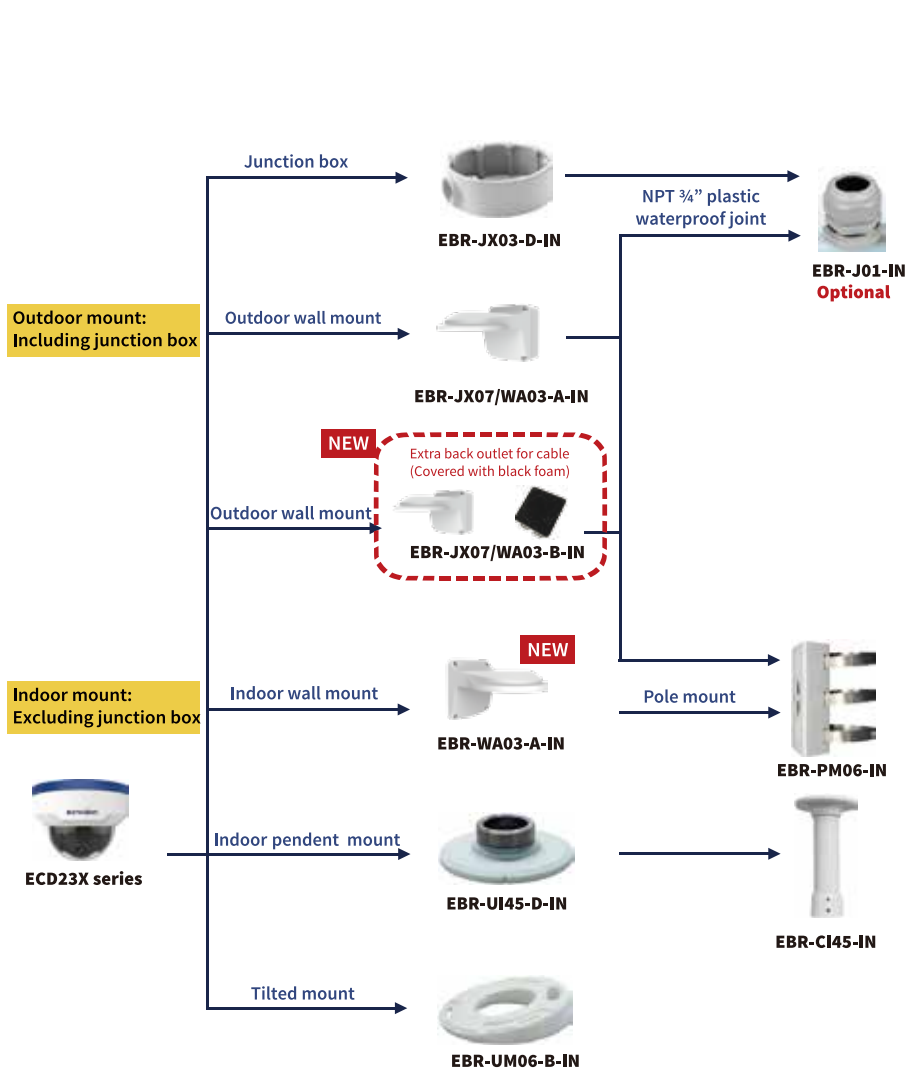
Box Camera Mount



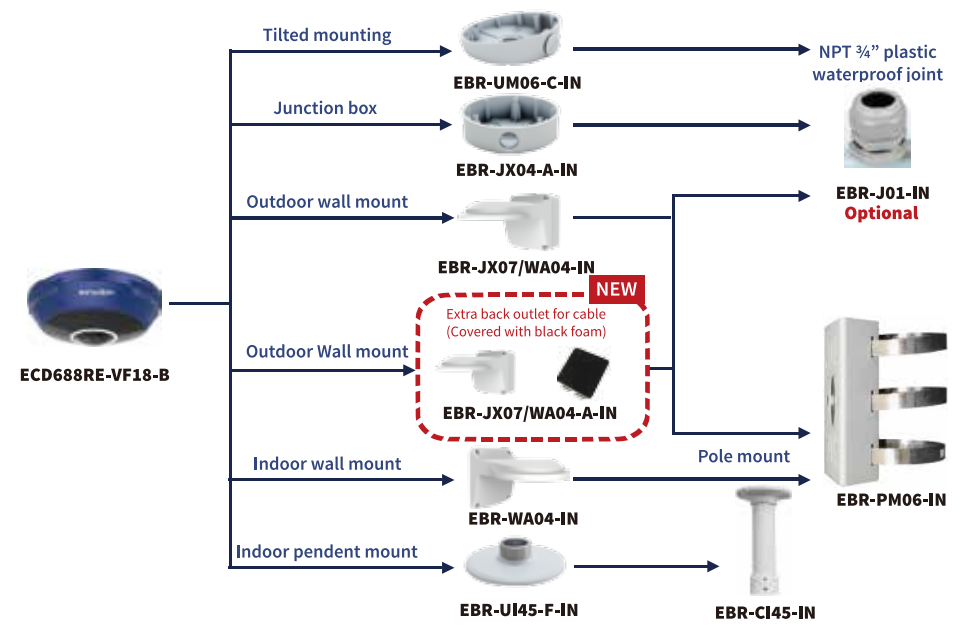
Dome Camera Mount



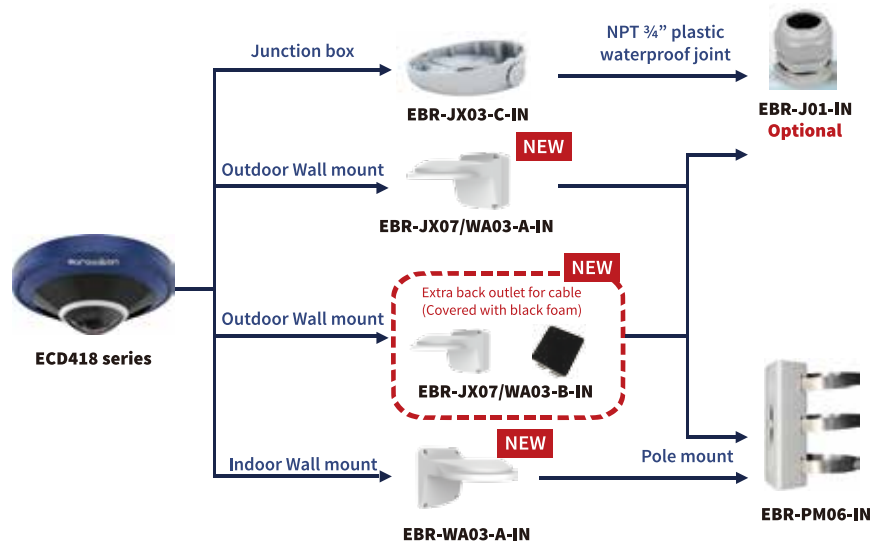
Fixed Dome Camera Mount



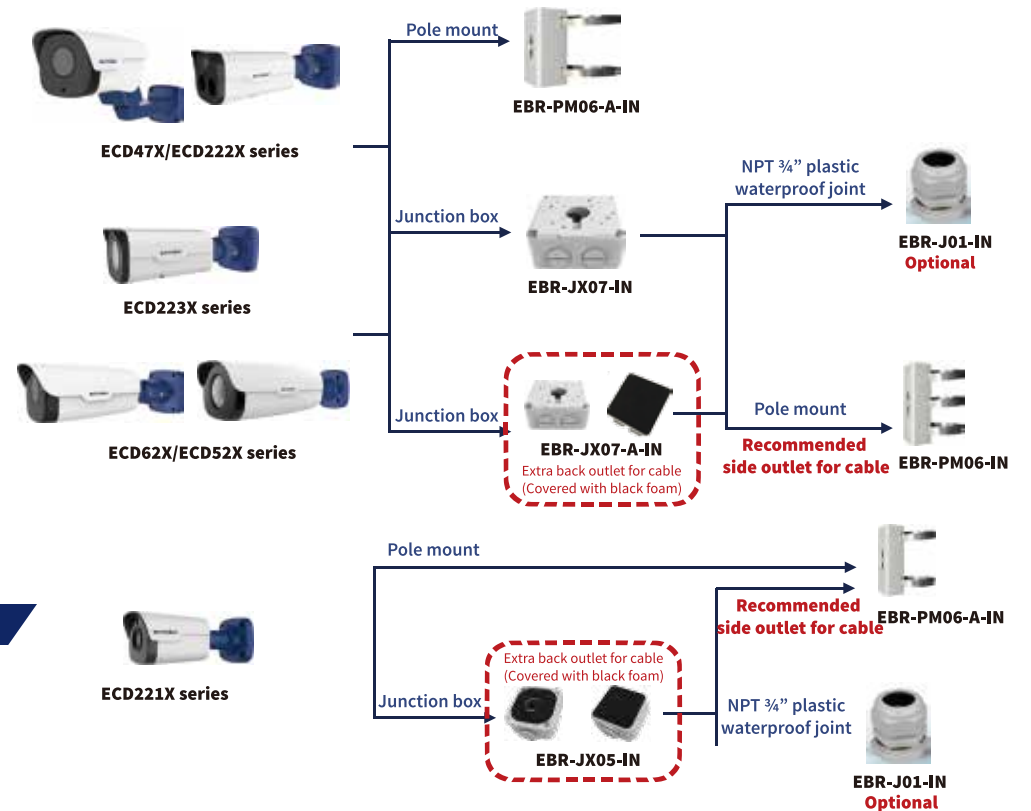
8MP Fisheye Camera Mount



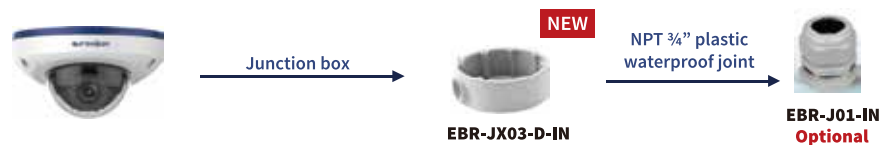
4MP Fisheye Camera Mount



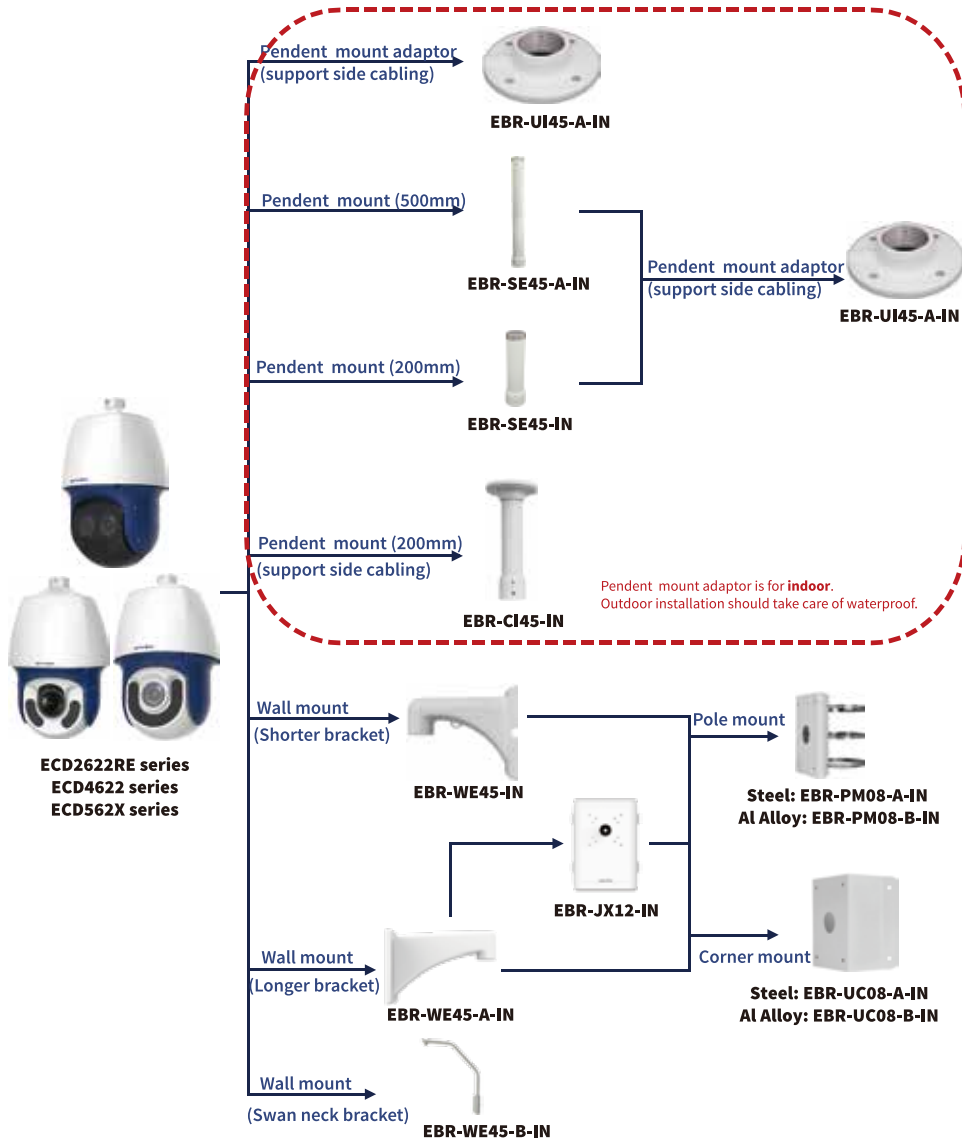
Bullet Camera Mount



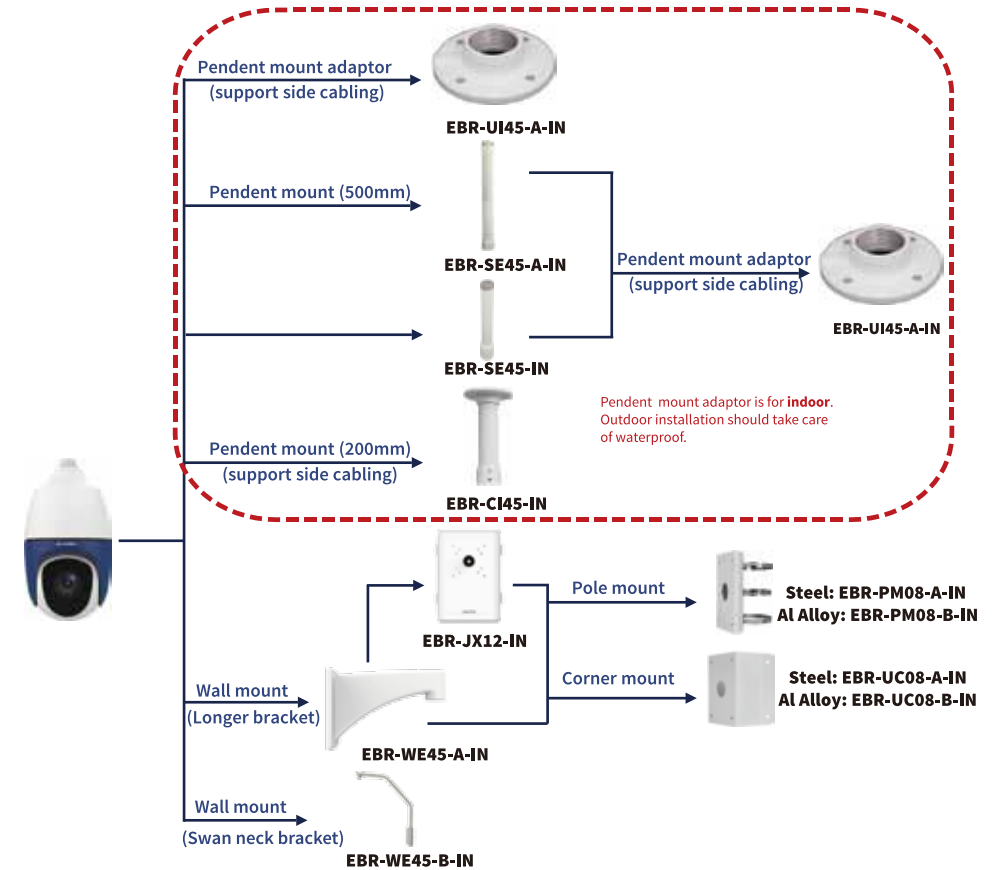
Mini Dome Camera Mount



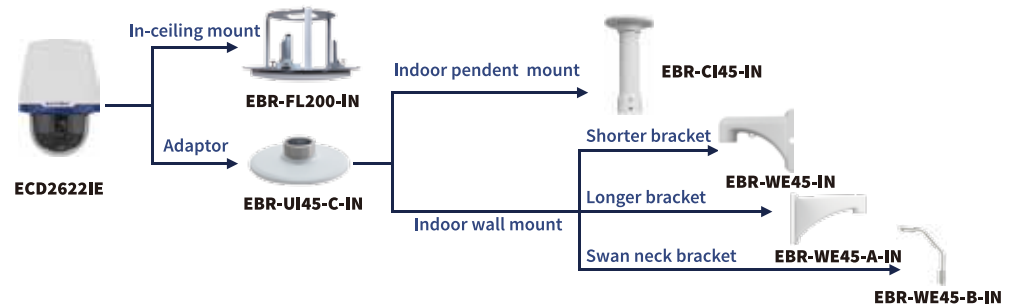
Outdoor PTZ Dome Camera Mount



Outdoor PTZ Dome Camera Mount



Indoor PTZ Dome Camera Mount





ONVIF

Third-party IP cameras supported with ONVIF conformance.



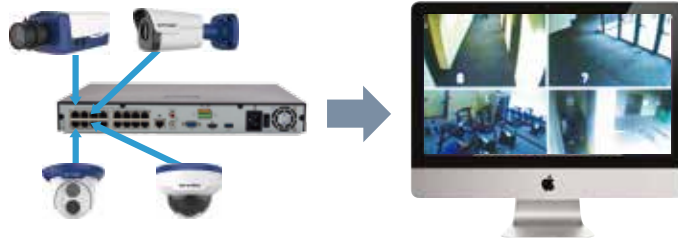
Cloud Upgrade

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



Plug And Play

Support PnP for easy IP camera discovery and usage.



IPC Upgrade on NVR

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



Long Range PoE

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



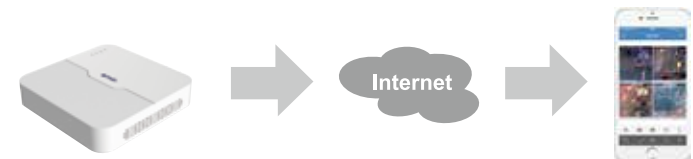
VCA

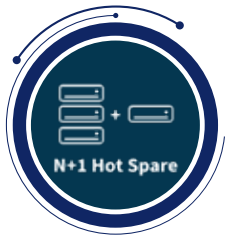
VCA is an intelligent video analysis function. VCA support face detection, intrusion detection, cross line detection and people counting.



euroP2P

The euroP2P video service offers a superb mobile solution for managing and remote viewing IP cameras.





N+1 Hot Spare

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



Higher Security

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



Smart Search

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



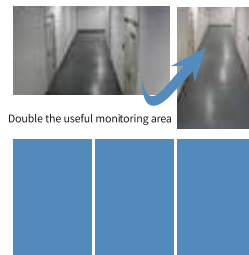
RAID

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



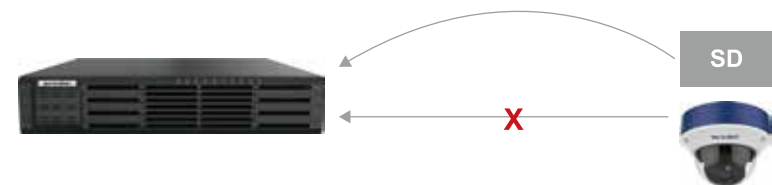
Corridor Mode

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



ANR

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



ENTRY LEVEL NVR

Model

EVR102-L04

EVR102-L08

EVR102-LP04

EVR102-LP08

EVR102-EP04

Appearance



Video/Audio Input	IP Video Input	4-ch	8-ch	4-ch	8-ch	4-ch
	Input Bandwidth	40 Mbps	80 Mbps	40 Mbps	80 Mbps	40 Mbps
	Audio Input	1-ch	1-ch	1-ch	1-ch	1-ch
Video/Audio Output	HDMI	1	1	1	1	1
	VGA	1	1	1	1	1
	Audio Output	1-ch, RCA	1-ch, RCA	1-ch, RCA	1-ch, RCA	1-ch, RCA
	Outgoing Bandwidth	64 Mbps	64 Mbps	64 Mbps	64 Mbps	96 Mbps
	Decoding Capability	18-ch@D1, 9-ch@720P, 4-ch@1080P	18-ch@D1, 9-ch@720P, 4-ch@1080P	18-ch@D1, 9-ch@720P, 4-ch@1080P	32-ch@D1, 16-ch@720P, 6-ch@1080P	18-ch@D1, 9-ch@720P, 4-ch@1080P
Storage	HDD	1 SATA interface	1 SATA interface	1 SATA interface	1 SATA interface	1 SATA interface
External Interface	Network Interface	1 x RJ-45 100M	1 x RJ-45 100M	1 x RJ-45 100M	1 x RJ-45 100M	1 x RJ-45 100M
	PoE	N/A	N/A	4 x PoE+	8 x PoE+	4 x PoE+
	Serial Interface	N/A	N/A	N/A	N/A	N/A
	USB Interface	1 x USB2.0, 1 x USB3.0	1 x USB2.0, 1 x USB3.0	1 x USB2.0, 1 x USB3.0	1 x USB2.0, 1 x USB3.0	1 x USB2.0, 1 x USB3.0
	Alarm I/O	N/A	N/A	N/A	N/A	N/A
Other	Power Supply	12V DC, 2A	12V DC, 2A	48V DC, 1.25A	52V DC, 1.8A	48V DC, 1.25A
	Power Consumption	≤4W (without HDD)	≤4W (without HDD)	≤8W (without HDD and PoE)	≤8W (without HDD and PoE)	≤8W (without HDD and PoE)
	Working Environment	-10°C ~ 55°C, (14°F ~ 131°F), 10% ~ 90% RH	-10°C ~ 55°C, (14°F ~ 131°F), 10% ~ 90% RH	-10°C ~ 55°C, (14°F ~ 131°F), 10% ~ 90% RH	-10°C ~ 55°C, (14°F ~ 131°F), 10% ~ 90% RH	-10°C ~ 55°C, (14°F ~ 131°F), 10% ~ 90% RH
	Dimensions(H×W×D)	205mm × 205mm × 41.8mm (8.1" × 8.1" × 1.6")	205mm × 205mm × 41.8mm (8.1" × 8.1" × 1.6")	205mm × 205mm × 41.8mm (8.1" × 8.1" × 1.6")	270mm × 205mm × 41.8mm (10.6" × 8.1" × 1.6")	360mm × 254.3mm × 43.6mm (14.17" × 10.01" × 1.72")
	Weight(Without HDD)	≤1.17kg	≤1.17kg	≤1.21kg	≤1.3kg	≤1.36kg

Model	EVR102-EP08	EVR202-E08	EVR202-E16	EVR202-E32	EVR202-EP08
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Appearance



Video/Audio Input	IP Video Input	8-ch	8-ch	16-ch	32-ch	8-ch
	Input Bandwidth	80 Mbps	80 Mbps	160 Mbps	200 Mbps	80 Mbps
	Audio Input	1-ch	1-ch	1-ch	1-ch	1-ch
Video/Audio Output	HDMI	1	1	1	1	1
	VGA	1	1	1	1	1
	Audio Output	1-ch, RCA	1-ch, RCA	1-ch, RCA	1-ch, RCA	1-ch, RCA
	Outgoing Bandwidth	96 Mbps	96 Mbps	96 Mbps	96 Mbps	96 Mbps
	Decoding Capability	18-ch@D1, 9-ch@720P, 4-ch@1080P	18-ch@D1, 9-ch@720P, 4-ch@1080P	32-ch@D1, 16-ch@720P, 6-ch@1080P	32-ch@D1, 16-ch@720P, 6-ch@1080P	32-ch@D1, 16-ch@720P, 6-ch@1080P
Storage	HDD	1 SATA interface	2 SATA interfaces	2 SATA interfaces	2 SATA interfaces	2 SATA interfaces
External Interface	Network Interface	1 x RJ-45 100M	1 x RJ-45 1000M	1 x RJ-45 1000M	1 x RJ-45 1000M	1 x RJ-45 1000M
	PoE	8 x PoE+	N/A	N/A	N/A	8 x PoE+
	Serial Interface	N/A	N/A	N/A	N/A	N/A
	USB Interface	1 x USB2.0, 1 x USB3.0	1 x USB2.0, 1 x USB3.0	1 x USB2.0, 1 x USB3.0	1 x USB2.0, 1 x USB3.0	1 x USB2.0, 1 x USB3.0
	Alarm I/O	N/A	N/A	N/A	N/A	N/A
Other	Power Supply	52V DC, 1.8A	12V DC, 2A	12V DC, 2A	12V DC, 2A	52V DC, 1.8A
	Power Consumption	≤8W (without HDD and PoE)	≤6W (without HDD)	≤6W (without HDD)	≤6W (without HDD)	≤8W (without HDD and PoE)
	Working Environment	-10°C ~ 55°C, (14°F ~ 131°F), 10% ~ 90% RH	-10°C ~ 55°C, (14°F ~ 131°F), 10% ~ 90% RH	-10°C ~ 55°C, (14°F ~ 131°F), 10% ~ 90% RH	-10°C ~ 55°C, (14°F ~ 131°F), 10% ~ 90% RH	-10°C ~ 55°C, (14°F ~ 131°F), 10% ~ 90% RH
	Dimensions(H×W×D)	360mm × 254.3mm × 43.6mm (14.17" × 10.01" × 1.72")	360mm × 254.3mm × 43.6mm (14.17" × 10.01" × 1.72")	360mm × 254.3mm × 43.6mm (14.17" × 10.01" × 1.72")	360mm × 254.3mm × 43.6mm (14.17" × 10.01" × 1.72")	205mm × 205mm × 41.8mm (8.1" × 8.1" × 1.6")
	Weight(Without HDD)	≤1.36kg	≤1.42kg	≤1.42kg	≤1.42kg	≤1.45kg

Model	EVR202-EP16	EVR402-E16	EVR402-E32	EVR802-16	EVR802-32
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Appearance



Video/Audio Input	IP Video Input	16-ch	16-ch	32-ch	16-ch	32-ch
	Input Bandwidth	160 Mbps	160 Mbps	200 Mbps	160 Mbps	200 Mbps
	Audio Input	1-ch	1-ch	1-ch	1-ch	1-ch
Video/Audio Output	HDMI	1	1	1	1	1
	VGA	1	1	1	1	1
	Audio Output	1-ch, RCA	1-ch, RCA	1-ch, RCA	1-ch, RCA	1-ch, RCA
	Outgoing Bandwidth	96 Mbps	96 Mbps	96 Mbps	96 Mbps	96 Mbps
	Decoding Capability	32-ch@D1, 16-ch@720P, 6-ch@1080P	32-ch@D1, 16-ch@720P, 6-ch@1080P	32-ch@D1, 16-ch@720P, 6-ch@1080P	32-ch@D1, 16-ch@720P, 6-ch@1080P	32-ch@D1, 16-ch@720P, 6-ch@1080P
	Storage	HDD	2 SATA interfaces	4 SATA interfaces	4 SATA interfaces	8 SATA interfaces
External Interface	Network Interface	1 x RJ-45 1000M	2 x RJ-45 1000M	2 x RJ-45 1000M	2 x RJ-45 1000M	2 x RJ-45 1000M
	PoE	8 x PoE+	N/A	N/A	N/A	N/A
	Serial Interface	N/A	1 x RS-485	1 x RS-485	N/A	N/A
	USB Interface	1 x USB2.0, 1 x USB3.0	2 x USB2.0, 1 x USB3.0	2 x USB2.0, 1 x USB3.0	2 x USB2.0, 1 x USB3.0	2 x USB2.0, 1 x USB3.0
	Alarm I/O	N/A	8/2	8/2	8/2	8/2
Other	Power Supply	52V DC, 1.8A	12V DC, 5A	12V DC, 5A	100 ~ 240V AC	100 ~ 240V AC
	Power Consumption	≤8W (without HDD and PoE)	≤6W (without HDD)	≤6W (without HDD)	≤15W (without HDD)	≤15W (without HDD)
	Working Environment	-10°C ~ 55°C, (14°F ~ 131°F), 10% ~ 90% RH	-10°C ~ 55°C, (14°F ~ 131°F), 10% ~ 90% RH	-10°C ~ 55°C, (14°F ~ 131°F), 10% ~ 90% RH	-10°C ~ 55°C, (14°F ~ 131°F), 10% ~ 90% RH	-10°C ~ 55°C, (14°F ~ 131°F), 10% ~ 90% RH
	Dimensions(H×W×D)	205mm × 205mm × 41.8mm (8.1" × 8.1" × 1.6")	44mm × 440mm × 341mm (1.73" × 17.30" × 13.47")	44.0mm × 440.0mm × 341mm (1.73" × 17.30" × 13.47")	86.1mm × 442mm × 421mm (3.39" × 17.40" × 16.57")	86.1mm × 442mm × 421mm (3.39" × 17.40" × 16.57")
	Weight(Without HDD)	≤1.45kg	≤3kg	≤3kg	≤5.2kg	≤5.2kg

HIGH END NVR

Model

EVR103-S04

EVR103-S08

EVR103-E04

EVR103-E08

EVR103-E16

Appearance



Video/Audio Input	IP Video Input	4-ch	8-ch	4-ch	8-ch	16-ch
	Input Bandwidth	40 Mbps	48Mbps	40 Mbps	60 Mbps	80 Mbps
	Audio Input	N/A	N/A	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-ch, RCA	1-ch, RCA	1-ch, RCA
	Outgoing Bandwidth	48Mbps	48Mbps	64 Mbps	64 Mbps	80 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	16-ch@D1, 8-ch@720P, 4-ch@1080P	16-ch@D1, 8-ch@720P, 4-ch@1080P
	HDD	1 SATA interface	1 SATA interface	1 SATA interface	1 SATA interface	1 SATA interface
External Interface	Network Interface	1 x RJ-45 100M	1 x RJ-45 100M	1 x RJ-45 100M	1 x RJ-45 100M	1 x RJ-45 100M
	PoE	N/A	N/A	N/A	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	3 x USB2.0	3 x USB2.0	3 x USB2.0
	Alarm I/O	N/A	N/A	4/1	4/1	4/1
Other	Power Supply	12V DC,1.5A	12V DC,1.5A	12V DC, 2A	12V DC, 2A	12V DC, 2A
	Power Consumption	≤5W (without HDD)	≤5W (without HDD)	≤5W (without HDD)	≤5W (without HDD)	≤5W (without HDD)
	Working Environment	-10°C ~ 55°C, (14°F ~ 131°F), 10% ~ 90% RH	-10°C ~ 55°C, (14°F ~ 131°F), 10% ~ 90% RH	-10°C ~ 55°C, (14°F ~ 131°F), 10% ~ 90% RH	-10°C ~ 55°C, (14°F ~ 131°F), 10% ~ 90% RH	-10°C ~ 55°C, (14°F ~ 131°F), 10% ~ 90% RH
	Dimensions(H×W×D)	260mm × 200mm × 43.6mm (10.24" × 7.87" × 1.72")	260mm × 200mm × 43.6mm (10.24" × 7.87" × 1.72")	44mm × 260mm × 240mm (1.73" × 10.24" × 9.45")	44mm × 260mm × 240mm (1.73" × 10.24" × 9.45")	44mm × 260mm × 240mm (1.73" × 10.24" × 9.45")
	Weight(Without HDD)	≤1kg	≤1kg	≤1.1kg	≤1.1kg	≤1.1kg

Model	EVR103-04-4P	EVR103-08-8P	EVR103-16-8P	EVR103-L04-4P	EVR103-L08-8P
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Appearance



Video/Audio Input	IP Video Input	4-ch	8-ch	16-ch	4-ch	8-ch
	Input Bandwidth	40 Mbps	60 Mbps	60 Mbps	40 Mbps	60 Mbps
	Audio Input	1-ch	1-ch	1-ch	1-ch	1-ch
Video/Audio Output	HDMI	1	1	1	1	1
	VGA	1	1	1	1	1
	Audio Output	1	1	1	1	1
	Outgoing Bandwidth	64 Mbps	64 Mbps	80 Mbps	64 Mbps	64 Mbps
	Decoding Capability	16-ch@D1, 8-ch@720P, 4-ch@1080P	16-ch@D1, 8-ch@720P, 4-ch@1080P	16-ch@D1, 8-ch@720P, 4-ch@1080P	16-ch@D1, 8-ch@720P, 4-ch@1080P	16-ch@D1, 8-ch@720P, 4-ch@1080P
	Storage	HDD	1 SATA interfaces	1 SATA interfaces	1 SATA interfaces	1 SATA interfaces
External Interface	Network Interface	1 x RJ-45 100M	1 x RJ-45 100M	1 x RJ-45 100M	1 x RJ-45 100M	1 x RJ-45 100M
	PoE	4 x PoE+	8 x PoE+	8 x PoE+	4 x PoE+	8 x PoE+
	Serial Interface	N/A	N/A	N/A	N/A	N/A
	USB Interface	3 x USB2.0	3 x USB2.0	3 x USB2.0	2 x USB2.0	2 x USB2.0
	Alarm I/O	4/1	4/1	4/1	N/A	N/A
Other	Power Supply	48V DC, 1.25A	52V DC, 1.8A	52V DC, 1.8A	48V DC, 1.25A	52V DC, 1.8A
	Power Consumption	≤5W (without HDD)	≤5W (without HDD)	≤5W (without HDD)	≤5W (without HDD)	≤5W (without HDD)
	Working Environment	-10°C ~ 55°C, (14°F ~ 131°F), 10% ~ 90% RH	-10°C ~ 55°C, (14°F ~ 131°F), 10% ~ 90% RH	-10°C ~ 55°C, (14°F ~ 131°F), 10% ~ 90% RH	-10°C ~ 55°C, (14°F ~ 131°F), 10% ~ 90% RH	-10°C ~ 55°C, (14°F ~ 131°F), 10% ~ 90% RH
	Dimensions(H×W×D)	260mm × 200mm × 43.6mm (10.23" × 7.87" × 1.71")	260mm × 200mm × 43.6mm (10.23" × 7.87" × 1.71")	260mm × 200mm × 43.6mm (10.23" × 7.87" × 1.71")	205mm × 205mm × 42mm (8.07" × 8.07" × 1.7")	270mm × 205mm × 42mm (10.6" × 8.1" × 1.7")
	Weight(Without HDD)	≤0.98kg	≤1.03kg	≤1.03kg	≤0.59kg	≤0.68kg

Model	EVR103-L16-P8	EVR203-S08	EVR203-E09-B	EVR203-E16-B
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Appearance



Video/Audio Input	IP Video Input	16-ch	8-ch	9-ch	16-ch
	Input Bandwidth	60 Mbps	48Mbps	90Mbps	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	80 Mbps	48Mbps	180Mbps	320Mbps
	Decoding Capability	16-ch@D1, 8-ch@720P, 4-ch@1080P	8-ch@720P, 4-ch@1080P, 1-ch@8MP	16-ch@1080P, 4-ch@8MP	16-ch@1080P, 4-ch@8MP
	Storage	HDD	1 SATA interfaces	2 SATA interface	2 SATA interface
External Interface	Network Interface	1 x RJ-45 100M	1 x RJ-45 100M	2 x RJ-45 1000M	2 x RJ-45 1000M
	PoE	8 x PoE+	N/A	N/A	N/A
	Serial Interface	N/A	N/A	1 x RS-485	1 x RS-485
	USB Interface	2 x USB2.0	3x USB2.0	2 x USB2.0, 1 x USB3.0	2 x USB2.0, 1 x USB3.0
	Alarm I/O	N/A	4/1	8/2	8/2
Other	Power Supply	52V DC, 1.8A	12V DC,2A	12V DC,3.3A	12V DC,3.3A
	Power Consumption	≤5W (without HDD)	≤5W (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
	Dimensions(H×W×D)	270mm × 205mm × 42mm (10.6" × 8.1" × 1.7")	380mm × 315mm × 49mm (14.96" × 12.40" × 1.93")	380mm × 315mm × 49mm (14.96" × 12.40" × 1.93")	380mm × 315mm × 49mm (14.96" × 12.40" × 1.93")
	Weight(Without HDD)	≤0.68kg	≤2.48kg	≤2.48kg	≤2.48kg

Model	EVR203-E08-8P-B	EVR203-E16-8P-B	EVR203-E16-16P-B	EVR403-E16-B
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Appearance



Video/Audio Input	IP Video Input	8-ch	16-ch	16-ch	16-ch
	Input Bandwidth	80Mbps	160Mbps	160Mbps	160Mbps
	Audio Input	1-ch	1-ch	1-ch	1-ch
Video/Audio Output	HDMI	1	1	1	2
	VGA	1	1	1	1
	Audio Output	1	1	1	1
	Outgoing Bandwidth	160 Mbps	320 Mbps	320 Mbps	320 Mbps
	Decoding Capability	8-ch@720P, 8-ch@1080P, 4-ch@8MP	16-ch@720P, 16-ch@1080P, 4-ch@8MP	16-ch@720P, 16-ch@1080P, 4-ch@8MP	32-ch@720P, 16-ch@1080P, 4-ch@8MP
	Storage	HDD	2 SATA interfaces	2 SATA interfaces	2 SATA interfaces
External Interface	Network Interface	1 x RJ-45 1000M	1 x RJ-45 1000M	1 x RJ-45 1000M	2 x RJ-45 1000M
	PoE	8 x PoE+	8 x PoE+	16 x PoE+	N/A
	Serial Interface	N/A	N/A	N/A	1 x RS-485
	USB Interface	1 x USB2.0, 1 x USB3.0	1 x USB2.0, 1 x USB3.0	1 x USB2.0, 1 x USB3.0	2 x USB2.0, 1 x USB3.0
	Alarm I/O	4/1	4/1	4/1	16/4
Other	Power Supply	100 ~ 240V AC	100 ~ 240V AC	100 ~ 240V AC	100 ~ 240V AC
	Power Consumption	≤20W (without HDD)	≤20W (without HDD)	≤20W (without HDD)	≤12W (without HDD)
	Working Environment	-10°C ~ 55°C, (14°F ~ 131°F), 10% ~ 90% RH	-10°C ~ 55°C, (14°F ~ 131°F), 10% ~ 90% RH	-10°C ~ 55°C, (14°F ~ 131°F), 10% ~ 90% RH	-10°C ~ 55°C, (14°F ~ 131°F), 10% ~ 90% RH
	Dimensions(H×W×D)	380mm × 315mm × 49mm (14.96" × 12.40" × 1.93")	380mm × 315mm × 49mm (14.96" × 12.40" × 1.93")	380mm × 315mm × 49mm (14.96" × 12.40" × 1.93")	44.0mm × 440.0mm × 344.0mm (1.73" × 17.30" × 13.54")
	Weight(Without HDD)	≤2.48kg	≤2.48kg	≤2.48kg	≤3.2kg

Model	EVR403-E32-B	EVR403-EP16-B	EVR403-EP32-B	EVR803-E16-B
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Appearance




Video/Audio Input	IP Video Input	32-ch	16-ch	32-ch	16-ch
	Input Bandwidth	320 Mbps	160 Mbps	320 Mbps	160 Mbps
	Audio Input	1-ch	1-ch	1-ch	1-ch
Video/Audio Output	HDMI	2	2	2	2
	VGA	1	1	1	1
	Audio Output	1	1	1	1
	Outgoing Bandwidth	320 Mbps	320 Mbps	320 Mbps	320 Mbps
	Decoding Capability	32-ch@720P, 16-ch@1080P, 4-ch@8MP	32-ch@720P, 16-ch@1080P, 4-ch@8MP	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
External Interface	Network Interface	2 x RJ-45 1000M	1 x RJ-45 1000M	1 x RJ-45 1000M	2 x RJ-45 1000M
	PoE	N/A	16 x PoE+	16 x PoE+	N/A
	Serial Interface	1 x RS-485	1 x RS-485	1 x RS-485	1 x RS-232, 1 x RS-485
	USB Interface	2 x USB2.0, 1 x USB3.0	2 x USB2.0, 1 x USB3.0	2 x USB2.0, 1 x USB3.0	2 x USB2.0, 1 x USB3.0
	Alarm I/O	16/4	16/4	16/4	16/4
Other	Power Supply	100 ~ 240V AC	100 ~ 240V AC	100 ~ 240V AC	100 ~ 240V AC
	Power Consumption	≤12W (without HDD)	≤12W (without HDD)	≤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
	Dimensions(H×W×D)	44.0mm × 440mm × 344.0mm (1.73" × 17.30" × 13.54")	86.1mm × 442mm × 425.5mm (3.39" × 17.40" × 16.75")	86.1mm × 442mm × 425.5mm (3.39" × 17.40" × 16.75")	86.1mm × 442mm × 425.5mm (3.39" × 17.40" × 16.75")
	Weight(Without HDD)	≤3.2kg	≤5.2kg	≤5.2kg	≤5.2kg

Model		EVR803-E32-B	EVR803-E64-B	EVR803-R32-B	EVR803-R64-B
Appearance					
Video/Audio Input	IP Video Input	32-ch	64-ch	32-ch	64-ch
	Input Bandwidth	320 Mbps	320 Mbps	320 Mbps	320 Mbps
	Audio Input	1-ch	1-ch	1-ch	1-ch
Video/Audio Output	HDMI	2	2	2	2
	VGA	1	1	1	1
	Audio Output	1	1	1	1
	Outgoing Bandwidth	320 Mbps	320 Mbps	320 Mbps	320 Mbps
	Decoding Capability	32-ch@720P, 16-ch@1080P, 4-ch@8MP	64-ch@D1, 32-ch@720P, 16-ch@1080P, 4-ch@8MP	64-ch@D1, 32-ch@720P, 16-ch@1080P, 4-ch@8MP	64-ch@D1, 32-ch@720P, 16-ch@1080P, 4-ch@8MP
	Storage	HDD	8 SATA interfaces, 1 eSATA interface	8 SATA interfaces, 1 eSATA interface	8 SATA interfaces, 1 eSATA interface
External Interface	Network Interface	2 x RJ-45 1000M	2 x RJ-45 1000M	2 x RJ-45 1000M	2 x RJ-45 1000M
	PoE	N/A	N/A	N/A	N/A
	Serial Interface	1 x RS-232, 1 x RS-485	1 x RS-232, 1 x RS-485	1 x RS-232, 1 x RS-485	1 x RS-232, 1 x RS-485
	USB Interface	2 x USB2.0, 1 x USB3.0	2 x USB2.0, 1 x USB3.0	2 x USB2.0, 1 x USB3.0	2 x USB2.0, 1 x USB3.0
	Alarm I/O	16/4	16/4	16/4	16/4
Other	Power Supply	100 ~ 240V AC	100 ~ 240V AC	100 ~ 240V AC	100 ~ 240V AC
	Power Consumption	≤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
	Dimensions(H×W×D)	86.1mm × 442mm × 425.5mm (3.39" × 17.40" × 16.75")	86.1mm × 442mm × 425.5mm (3.39" × 17.40" × 16.75")	86.1mm × 442mm × 531mm (3.39" × 17.40" × 20.91")	86.1mm × 442mm × 531mm (3.39" × 17.40" × 20.91")
	Weight(Without HDD)	≤5.2kg	≤5.2kg	≤7.8kg	≤7.8kg

PROJECT LEVEL NVR

NVR DISK ENCLOSURE

Model		EVR615-64	EVR615-128
Appearance			
Video/Audio Input	IP Video Input	64-ch	128-ch
	Input Bandwidth	384 Mbps	512 Mbps
	Audio Input	1-ch	1-ch
Video/Audio Output	HDMI	2	2
	VGA	1	1
	Audio Output	1	1
	Outgoing Bandwidth	384 Mbps	384 Mbps
	Decoding Capability	64-ch@D1, 36-ch@720P, 18-ch@1080P 9-ch@4MP, 4-ch@4K	64-ch@D1, 36-ch@720P, 18-ch@1080P 9-ch@4MP, 4-ch@4K
	Storage	HDD	16 SATA interfaces, 1 eSATA interface
External Interface	Network Interface	4 x RJ-45 1000M, 2 x RJ-45 1000M SFP	4 x RJ-45 1000M, 2 x RJ-45 1000M SFP
	PoE	N/A	N/A
	Serial Interface	1 x RS-232, 1 x RS-485	1 x RS-232, 1 x RS-485
	USB Interface	4 x USB3.0	4 x USB3.0
	Alarm I/O	24/8	24/8
Other	Power Supply	100~240V AC	100~240V AC
	Power Consumption	≤50W (without HDD)	≤50W (without HDD)
	Working Environment	-10°C ~ 55°C, (14°F ~ 131°F), 10% ~ 90% RH	-10°C ~ 55°C, (14°F ~ 131°F), 10% ~ 90% RH
	Dimensions(H×W×D)	131mm × 482mm × 477mm (5.16" × 18.98" × 18.78")	131mm × 482mm × 477mm (5.16" × 18.98" × 18.78")
	Weight(Without HDD)	≤14.5kg	≤14.5kg

Model		DEU1008	DEU1016
Appearance			
Video Input		N/A	N/A
Network Interface		N/A	N/A
Expand Interface		1 mini SAS	1 mini SAS
USB Interface		N/A	N/A
RAID		N/A	N/A
Protocol		N/A	N/A
Controller		Single	Single
HDD		8 HDDs	16 HDDs
Reliability		Disk one by one spinup Overcurrent protection Overload protection	Disk one by one spinup Overcurrent protection Overload protection
		Redundant, hot-swappable power supplies battery and fans	Redundant, hot-swappable power supplies battery and fans
	Power Supply	100~240 VAC	100~240 VAC
	Consumption	<80W (fully loaded)	<100W (fully loaded)
Weight		Without HDD: < 8 kg(17.6lb) Fully loaded: < 16 kg(35lb)	Without HDD: < 10 kg(22lb) Fully loaded: < 22 kg(48.5lb)
	Dimensions	442.0 × 530.4 × 86.1mm (17.40" × 20.88" × 3.39")	481.6 × 477.1 × 130.5mm (18.96" × 18.78" × 5.14")

Model	EN-SH1600	EN-SH1824	EN-SH1848
Appearance			
Video Input	1 array: 64 channels / 2M 2 array: 128 channels / 2M 3 array: 192 channels / 2M 4 array or more: 256 channels / 2M (11 hard drives to form 1 array)	1 array: 64 channels / 2M 2 array: 128 channels / 2M 3 array: 192 channels / 2M 4 array: 256 channels / 2M 5 array: 320 channels / 2M 6 array or more: 384 channels / 2M (11 hard drives to form 1 array)	1 array: 64 channels / 2M 2 array: 128 channels / 2M 3 array: 192 channels / 2M 4 array: 256 channels / 2M 5 array: 320 channels / 2M 6 array or more: 384 channels / 2M (11 hard drives to form 1 array)
Front-end Service Interface	2 10/100/1000 Mbps Ethernet interface 4 port 10/100/1000 Mbps Ethernet interface module(optional) 2 port 10 GE SFP+ interface module(optional) 4 port 10 GE SFP+ interface module(optional)	3 10/100/1000 Mbps Ethernet interface 4 port 10/100/1000 Mbps Ethernet interface module(optional) 2 port 10 GE SFP+ interface module(optional) 4 port 10 GE SFP+ interface module(optional)	3 10/100/1000 Mbps Ethernet interface 4 port 10/100/1000 Mbps Ethernet interface module(optional) 2 port 10 GE SFP+ interface module(optional) 4 port 10 GE SFP+ interface module(optional)
Back-end Expansion Interface	2x24 Gbps Mini SAS (optional)	2x48 Gbps Mini SAS HD	2x48 Gbps Mini SAS HD
RAID	JBOD and RAID 0,1,10, 5, 50,6 Dedicated hot-spare disk and global hot-spare disk	JBOD and RAID 0,1,10, 5, 50,6 Dedicated hot-spare disk and global hot-spare disk	JBOD and RAID 0,1,10, 5, 50,6 Dedicated hot-spare disk and global hot-spare disk
Protocol	Iscsi	iSCSI	iSCSI
Controller	Intel 64-bit multi-core processor	Intel 64-bit multi-core processor	Intel 64-bit multi-core processor
HDD	24 SATA interfaces	24 SATA interfaces	24 SATA interfaces
Power Supply	1+1 Redundant	1+1 Redundant	1+1 Redundant
Consumption	Controller enclosure : < 450(fully configured)	Controller enclosure : < 450 W (fully configured)	Controller enclosure :< 450 W (fully configured)
Weight	Controller enclosure: Fully configured: < 43 kg	Controller enclosure : Fully configured: < 43 kg	Controller enclosure : Fully configured: < 43 kg
Dimensions (H ×W×D)	Controller enclosure: 175.0mm×481.6mm×589.0mm	Controller enclosure: 175.0mm×481.6mm×589.0mm	Controller enclosure: 175.0mm×481.6mm×589.0mm

IP SAN DISK ENCLOSURE

ENCODER

Model

EN-SE1824

EN-SE1848

Appearance



Video Input

N/A

N/A

Network Interface

N/A

N/A

Expand Interface

3x48 Gbps Mini SAS HD

6x48 Gbps Mini SAS HD

USB Interface

N/A

N/A

RAID

N/A

N/A

Protocol

N/A

N/A

Controller

Single

Single

HDD

24 HDDs

48 HDDs

Reliability

Disk one by one spinup,
Overcurrent protection,
Overload protection,
Redundant, hot-swappable power supplies, battery and fans

Disk one by one spinup,
Overcurrent protection,
Overload protection,
Redundant, hot-swappable power supplies, battery and fans

Power Supply

100~240 VAC

100~240 VAC

Consumption

<350W (fully configured)

<580W (fully configured)

Weight

Fully Configured: < 32 kg

Fully Configured: < 56 kg

Dimensions

175mm X 481.6mm X 589mm (H×W×D)

175mm X 481.6mm X 801mm (H×W×D)

Model

EER-DVS1044-PWR1-UV

Appearance



Analog Camera

4

Video Compression Standard

H.264

Resolution

960H, D1, 4CIF, 2CIF, CIF

Video Bit Rate

128Kbps-8Mbps

Dual-Stream

H.264 960H + H.264 CIF

Video Input

4 × BNC

Video Output

N/A

Audio Compression Standard

G.711 μ

Audio Input

4

Audio Output

1

Serial Interface

1 × RS232 Serial Interface
2 × RS485 Serial Interface

Alarm I/O

4/2

Network Interface

2 × 10/100 Base-T
2 × 1000Base-FX (SFP) (optional)

USB Interface

1

Dimensions(H×W×D)

40.0mm × 188.6mm × 250.0 mm
(1.57" × 7.43" × 9.84")

Weight

<1.5kg

Working Environment

-10 C to 55 C (14°F to 131°F), 10% to 90% RH

Power Supply

12V, DC

Consumption

10W

DECODER

KEYBOARD

Model

EDR-DC5301-PWR1

EDR4304-IN

EDR4308-IN

Appearance



Video Input

1×HDMI, 1×VGA, 1×CVBS

4 × DVH, compatible with HDMI/DVI-D/VGA/YPb-Pr/RGBHV port

8 × DVH, compatible with HDMI/DVI-D/VGA/YPbPr/RGBHV port

Video Input Interface

N/A

1 × VGA, 1 × DVI-D

1 × VGA, 1 × DVI-D

Video Output Resolution

3840×2160@60
3840×2160@30
1920×1080@60
1920×1080@50
1600 × 1200@60
1440 × 900@60
1366 × 768@60
1280 × 1024@60
1280 × 720@60,
1024 × 720@50
1024×768@60

1024*768/60HZ
1280*720/60HZ
1280*1024/60HZ
1360*768/60HZ
1400X1050/60HZ
1600*1200/60HZ
1920*1080P/50Hz
1920*1080P/60Hz

1024*768/60HZ
1280*720/60HZ
1280*1024/60HZ
1360*768/60HZ
1400X1050/60HZ
1600*1200/60HZ
1920*1080P/50Hz
1920*1080P/60Hz

Video Compression Standard

H.265, H.264, MPEG4, MJPEG

H.264, MPEG4, MJPEG, MJPEG2

H.264, MPEG4, MJPEG, MJPEG2

Net-Stream Resolution

12MP, 8MP, 6MP, 5MP, 4MP, 3MP, 1080P
1080I, 960P, 720P, D1, and CIF

1080P, 1080I, 960P, 720P, D1, 4CIF, 2CIF, CIF

1080P, 1080I, 960P, 720P, D1, 4CIF, 2CIF, CIF

Split Screen

1/2/3/4/7/9/16

1/3/4/7/9/16

1/3/4/7/9/16

Decoder Performance

2*1200M@30, 4*4K@30, 6*500M@30,
10*300M@30, 8*1080P@60, 16*1080P30

36 × D1 or 8 × 1080P@30

72 × D1 or 16 × 1080P@30

Video Wall

N/A

1*2, 2*2

1*2, 2*2, 2*3, 2*4

Audio Compression Standard

G.711 μ, G.711A

G.711 μ, G.711A

G.711 μ, G.711A

Audio Input

1 × Analog audio input

1 × Analog audio input interface

1 × Analog audio input interface

Audio Output

2 × Analog audio output

4 × Analog audio output

8 × Analog audio output

Serial Interface

1 × RS232 Serial Interface
1 × RS485 Serial Interface

1 × RS232 Serial Interface, 1 × RS485 Serial Interface

1 × RS232 Serial Interface, 1 × RS485 Serial Interface

Alarm I/O

4/2

8/6

8/6

Network Interface

2 RJ-45 10M/100M/1000M
adaptive Ethernet Interfaces

2 × 10/100/1000Base-T

2 × 10/100/1000Base-T

USB Interface

1 USB2.0 Interface

N/A

N/A

Dimensions (H × W × D)

40 × 250 × 189mm (1.6" × 9.8" × 7.4")

43.6mm × 440.0mm × 320.0mm
(1.72" × 17.32" × 12.60"), 1U

43.6mm × 440.0mm × 320.0mm
(1.72" × 17.32" × 12.60"), 1U

Weight

<2kg

<4kg

<4kg

Working Environment

-10 to 60°C(+14°F ~ +140°F), 10% ~ 90% RH

-10 to 55°C (14°F to 131°F), 10% to 90% RH

-10°C to 55°C (14°F to 131°F), 10% to 90% RH

Power Supply

12V DC

100 ~240V AC

100 ~240V AC

Consumption

15W

50W

70W

Model

EKB-1100

Appearance



Joystick

four-dimensional joystick

Ethernet port

1 RJ-45 10 M / 100 M adaptive Ethernet port

USB Interface

1 USB2.0 interfaces

Serial Interface

1 RS-232, 2 RS-485

Power Supply

12V DC

Consumption

5W

Working Temperature

-10°C ~ + 55°C

Working Humidity

10% ~ 90%

Dimensions

47mm×270mm×440mm(1.9"×10.6"×17.3")

Weight

<1kg

Model	ESW2000-T8GC1-P	ESW2000-T16GC2-P	ESW2000-T24GC2-P
Appearance			
Ports	8×10/100Base-TX autosensing Ethernet ports(all support PoE) 1×Gigabit combo port (RJ45 and SFP)	16×10/100Base-TX autosensing Ethernet ports(all support PoE) 2×Gigabit combo ports (RJ45 and SFP)	24×10/100Base-TX autosensing Ethernet ports(all support PoE) 2×Gigabit combo ports (RJ45 and SFP)
Standards	IEEE 802.3u 100BASE-TX, IEEE 802.3ab 1000BASE-T, IEEE 802.3z 1000BASE-X, ANSI/IEEE 802.3 NWay, IEEE 802.3x flow control, IEEE 802.3af PoE, IEEE 802.3at PoE	IEEE 802.3u 100BASE-TX, IEEE 802.3ab 1000BASE-T, IEEE 802.3z 1000BASE-X, ANSI/IEEE 802.3 NWay, IEEE 802.3x flow control, IEEE 802.3af PoE, IEEE 802.3at PoE	IEEE 802.3u 100BASE-TX, IEEE 802.3ab 1000BASE-T, IEEE 802.3z 1000BASE-X, ANSI/IEEE 802.3 NWay, IEEE 802.3x flow control, IEEE 802.3af PoE, IEEE 802.3at PoE
MAC	4K	4K	4K
Packet forwarding rate	2.68Mpps	6.55Mpps	6.55Mpps
Switching capacity	3.6Gbps	8.8Gbps	8.8Gbps
Jumbo frames		Support	Support
EXTEND mode	Disabled: all ports can communicate with each other, and monitoring optimization is disabled. Enabled: Downlink ports can only communicate with uplink ports, monitoring optimization is enabled, and transmission distance can be extended to up to 250 meters.	Disabled: all ports can communicate with each other, and monitoring optimization is disabled. Enabled: Downlink ports can only communicate with uplink ports, monitoring optimization is enabled, and transmission distance can be extended to up to 250 meters.	Disabled: all ports can communicate with each other, and monitoring optimization is disabled. Enabled: downlink ports can only communicate with uplink ports; monitoring optimization is enabled, and transmission distance can be extended to up to 250 meters.
PoE	802.3at/af Max PoE capacity: 115W	802.3at/af Max PoE capacity: 250W	802.3at/af Max PoE capacity: 400W
Consumption	≤ 120 W	≤ 300 W	≤ 450 W
DC voltage/AC voltage	54 V, 2.5A	100-240V	100-240V
Operating temperature	0°C-40°C (32°F-104°F)	0°C-40°C (32°F-104°F)	0°C-40°C (32°F-104°F)
Operating humidity	10%-85%	10%-85%	10%-85%
Storage temperature	-10°C-70°C (14°F-158°F)	-10°C-70°C (14°F-158°F)	-10°C-70°C (14°F-158°F)
Storage humidity	10%-90%	10%-90%	10%-90%
Dimensions (W×D×H)	235mm×110mm×27mm (9.3"×4.3"×1.1")	440mm×280mm×44mm (17.3"×11"×1.7")	440mm×280mm×44mm (17.3"×11"×1.7")

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