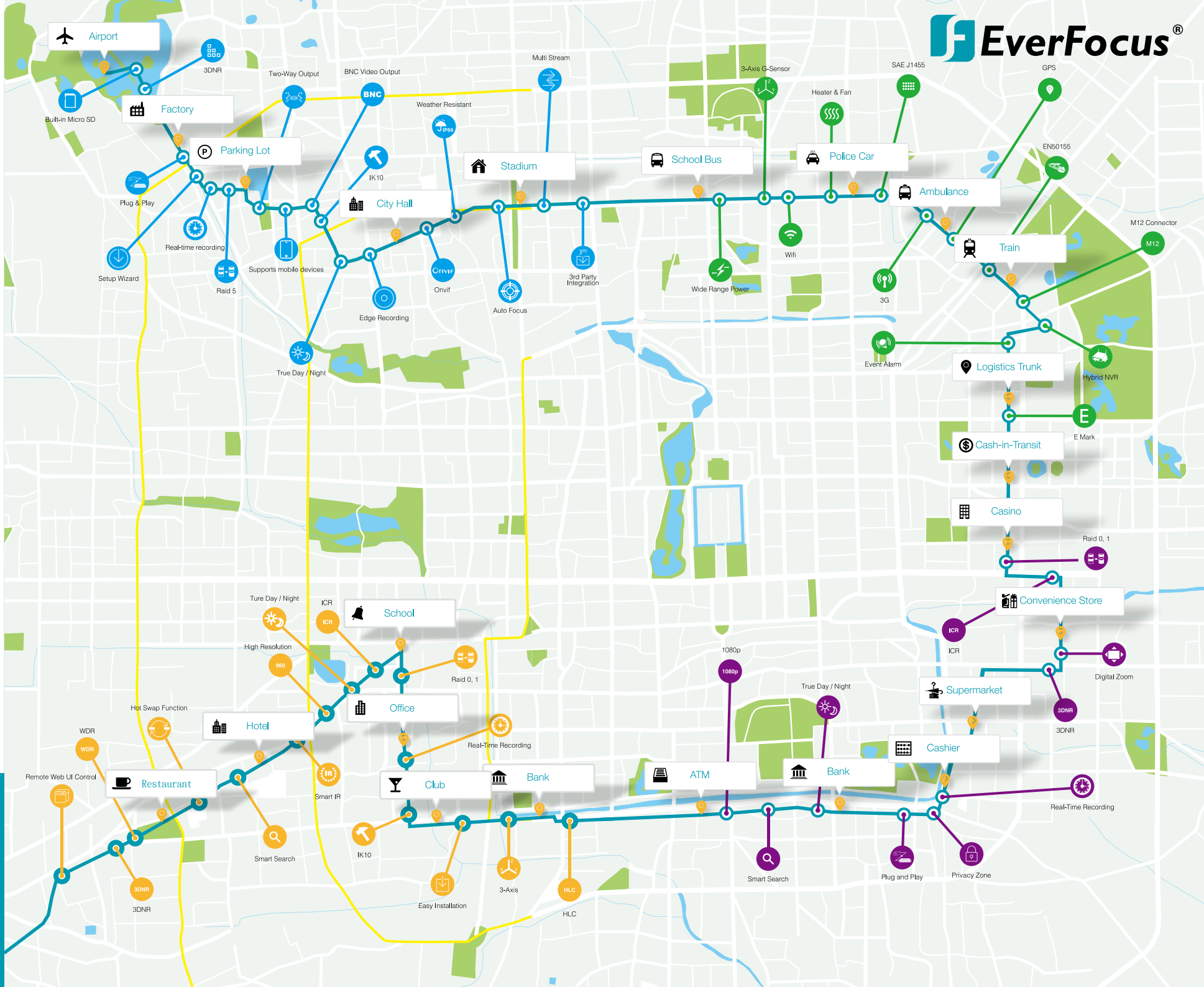


Surveillance Product Guide



EverFocus®





About EverFocus

EverFocus Electronics Corporation (TWSE: 5484) is a leading integrated security solution-based provider. Our lineup includes CMS, IP, HD-SDI, analog, mobile surveillance solutions, access control systems, as well as surveillance and access control peripherals. EverFocus has offices globally, located in Taiwan, the U.S.A, Germany, china, Japan, and India. For more information, please visit www.everfocus.com.tw



Quality Management System
ISO9001 Certificates



Environment Management System
ISO14001 Certificates



eZ.IP Series



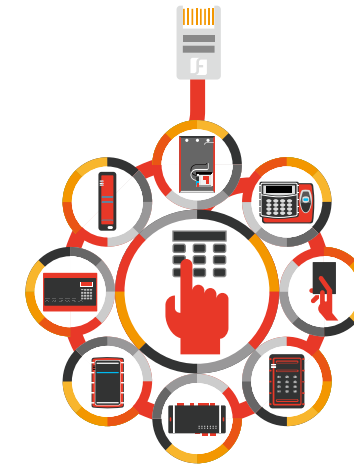
eZ.HD Series



HD-SDI Series



Mobile Series



Access Control Series

Central Management Software

EverFocus Genie XMS is an open system integration platform which is well designed with a scalable and modular architecture so that it can be easily expanded or integrated with various systems or applications such as IVS, POS, LPR, access control and fleet management. Most importantly, Genie XMS can analyze the big data and information accumulated from all these systems in order to make prediction, to provide timely response and even to optimize business performance, creating long-term value for clients across various verticals and industries.

Genie XMS also features its strong compatibility and interoperability which allows it to connect all sorts of devices including IP cameras, NVRs, DVRs, mobile DVRs, I/O devices, smart mobile devices and access control products. Therefore, it can be tailored to meet a variety of needs and have a wider range of application.

Together with the web-based platform advantage, users can simply access the surveillance system from any remote site just with a web browser, making the surveillance available anywhere and anytime.

GENIE XMS



EverFocus Products



Coming Soon

Coming Soon



Model Name	EPN4230d (Outdoor)	EPN4230di (Indoor)	EPN4122 (Outdoor)	EPN4122i (Indoor)
Megapixel	2MP		1.3MP	
Image Sensor	1/2.8" Exmor CMOS		1/3" Panasonic CMOS	
Minimum Illumination	Color: 0.05 Lux @ F1.6 B/W: 0.001 Lux @ F1.6		Color: 0.3 Lux @ F1.6 B/W: 0.1 Lux @ F1.6	
Auto IRIS	DC-IRIS		DC-IRIS	
Shutter Time	1 ~ 1/10,000sec.		1/4 ~ 1/30,000sec.	
Optical Zoom	30x		22x	
Digital Zoom	12x		16x	
Aperture	F1.6 ~ 4.7		F1.6 ~ 3.2	
Focus Length	4.3mm (wide) ~ 129mm (tele)		4.7mm (wide) ~ 103.4mm (tele)	
Video Compression	H.264 / M-JPEG		H.264 / M-JPEG	
Max Video Resolution	1920 x 1080 @ 30fps		1280 x 960 @ 30fps	
S/N Ratio (AGC OFF)	> 50dB		> 50dB	
White Balance	Auto / Indoor / Outdoor / One Push / Manual		Auto / Indoor / Outdoor / One Push / Manual	
WDR	Yes		Yes	
Audio Compression	G.711		G.711	
Operation Mode	Two-way audio		Two-way audio	
Horizontal Rotation Speed	0.01° /s ~ 360° /s (1 ~ 255 grade shift gears)		0.01° /s ~ 360° /s (1 ~ 255 grade shift gears)	
Focus Control	One Push / Auto / Manual		One Push / Auto / Manual	
Manual Pan / Tilt Speed	0.01° ~ 180° /s		0.01° ~ 180° /s	
Position Accuracy	± 0.1°		± 0.1°	
Horizontal / Tilt Rotation Range	360° / 90°		360° / 90°	
Auto Pan Speed	1 ~ 255 grade available, 0.01° /s ~ 360° /s		1 ~ 255 grade available, 0.01° /s ~ 360° /s	
Preset Positions	192 positions		192 positions	
Position Speed	1 ~ 255 grade available, 0.01° /s ~ 360° /s		1 ~ 255 grade available, 0.01° /s ~ 360° /s	
Tour	16 groups (16 preset positions and patterns per group)		16 groups (16 preset positions and patterns per group)	
Pattern	4 patterns with 90sec. long each		4 patterns with 90sec. long each	
Alarm Input / Output	2 / 2		2 / 2	
Memory Card	Micro SD / SDHC slot		Micro SD / SDHC slot	
Weather / Vandal Resistance	IP66 / IK10		IP66 / IK10	
Power Supply	24VAC~ / PoE (IEEE802.3at Class 4)			
Max. Power Consumption	24VAC~ 24W / PoE 30W			
Operating Temperature	-40° C ~ 60° C / 40° F ~ 140° F		-40° C ~ 50° C / -40° F ~ 122° F	



Coming Soon



Model Name	EFN3320 (Indoor)	EFN3321 (Outdoor)
Megapixel	3MP	3MP
Image Sensor	1/3" CMOS	1/3" CMOS
Lens	1.19mm Fisheye lens with IR corrected, F2.0	1.19mm Fisheye lens with IR corrected, F2.0
Minimum Illumination	Color: 0.5 Lux B/W: 0.1 Lux	Color: 0.5 Lux B/W: 0.1 Lux
IRIS	Fixed IRIS	Fixed IRIS
Shutter Time	1/7.5 ~ 1/25,000sec.	1/7.5 ~ 1/25,000sec.
Video Compression	H.264 / M-JPEG / MPEG-4	H.264 / M-JPEG / MPEG-4
Max. Video Resolution	1536 × 1536	1536 × 1536
Max. Frame Rate	15fps	15fps
S/N Ratio	> 48dB	> 48dB
WDR	Yes	Yes
3DNR	Yes	Yes
Audio Compression	G.711 / Two-way audio	G.711 / Two-way audio
Alarm Input / Output	1 / 1	1 / 1
IR LED (units)	-	-
IR Distance	-	-
Weather Resistance	-	IP68
Vandal Resistance	-	IK10
On-board Storage	Micro SD / SDXC slot	Micro SD / SDHC slot
Power Supply	12VDC / PoE (IEEE802.3af Class 0)	12VDC / PoE (IEEE802.3af Class 0)
Max. Power Consumption	12VDC 3.9W / PoE 4.5W	12VDC 3.9W / PoE 4.5W
Operating Temperature	-10° C ~ 50° C / 14° F ~ 122° F	-10° C ~ 60° C / 14° F ~ 140° F
Others	Privacy Mask, Region of Interest, Event Actions	Privacy Mask, Region of Interest, Event Actions



eZ Tracker

The eZ Tracker is a cutting-edge technology that realizes the synergy of EverFocus network fisheye and speed dome cameras. This technology not only obtains advantages from both types of cameras but also creates new value for wide-area surveillance without compromising the optimal image quality.

The eZ Tracker function allows users to control the speed dome camera through fisheye camera Web UI. This function can be easily operated using a mouse. Click a desired location on the 360° surround view from the fisheye camera and the speed dome camera will be exactly triggered to track the location.

You can then utilize the smooth PTZ function on the speed dome camera view to zoom in or focus on a region of interest. Meanwhile, you can monitor all the movements from the 360° surround view.

*The supported speed dome cameras for the eZ Tracker function include all EverFocus EPN series.

Value IP Line

Value IP Line is featured for compact design and complete functions but relatively low prices. Value IP mini cameras stand out for its high cost-performance ratio in comparison to other cameras on the market. Value IP Line is categorized into three types: Mini Ball, Dome and Bullet cameras. All types of cameras deliver 2MP resolution along with excellent WDR functions and multi profiles settings. Mini Ball and Bullet cameras are outdoor models rated IP66 and also support IR function with extended IR range of up to 30m / 98.4ft. Value IP mini cameras meet various needs and adapt to different environments.



Value IP Camera

NEW



NEW



NEW



Model Name	EBN268	EDN228	EZN268
Megapixel	2MP	2MP	2MP
Image Sensor	1/2.8" SONY Progressive Scan CMOS	1/2.8" SONY Progressive Scan CMOS	1/2.8" SONY Progressive Scan CMOS
Lens	3.6 / 6mm	3.6 / 6mm	3.6 / 6mm
Minimum Illumination	Color: 0.2 Lux @ F1.4 B/W: 0.05 Lux @ F1.4 0 Lux @ F1.4 (IR LEDs on)	Color: 0.2 Lux @ F1.4 B/W: 0.05 Lux @ F1.4	Color: 0.2 Lux @ F1.4 B/W: 0.05 Lux @ F1.4 0 Lux @ F1.4 (IR LEDs on)
IRIS	-	-	-
Shutter Time	1/7.5 ~ 1/15,000sec.	1/7.5 ~ 1/15,000sec.	1/7.5 ~ 1/15,000sec.
Camera Angle Adjustment	-	-	-
Video Compression	H.264 / M-JPEG / MPEG-4	H.264 / M-JPEG / MPEG-4	H.264 / M-JPEG / MPEG-4
Max. Video Resolution	1920 × 1080	1920 × 1080	1920 × 1080
Max. Frame Rate	30fps	30fps	30fps
S/N Ratio	> 50dB	> 50dB	> 50dB
WDR	Yes	Yes	Yes
3DNR	Yes	Yes	Yes
Audio Compression	-	-	-
Alarm Input / Output	-	-	-
IR LED (units)	36	-	30
IR Distance	Up to 30m / 98.4ft.	-	Up to 30m / 98.4ft.
Weather Resistance	IP66	-	IP66
Vandal Resistance	-	-	-
On-board Storage	-	Micro SDHC / SDXC card	-
Power Supply	12VDC / PoE (IEEE802.3af Class 3)	12VDC / PoE (IEEE802.3af Class 3)	12VDC / PoE (IEEE802.3af Class 3)
Max. Power Consumption	12VDC 6W / PoE 7W	12VDC 3.3W / PoE 3.75W	12VDC 6W / PoE 7W
Operating Temperature	-10° C ~ 50° C / 14° F ~ 122° F	-10° C ~ 50° C / 14° F ~ 122° F	-10° C ~ 50° C / 14° F ~ 122° F
Others	-	-	-



Model Name	EDN3340	EDN3260	EDN3160	EDN1320	EDN1220	EDN2260	EDN2160
Megapixel	3MP	2MP	1.3MP	3MP	2MP	2MP	1MP
Image Sensor	1/2.8" CMOS	1/2.8" CMOS	1/2.8" CMOS	1/3" CMOS	1/2.7" CMOS	1/2.7" CMOS	1/4" CMOS
Lens	Vari-focal lens, 3-9mm, F1.2 ~ 360C	Auto focus, 3.3-10mm, F1.3 ~ 360C	Auto focus, 3.3-10mm, F1.3 ~ 360C	2.8 / 3.6 / 6 / 8mm	2.8 / 3.6 / 6 / 8mm	4mm	4mm
Minimum Illumination	Color: 0.1 Lux @ F1.2 B/W: 0.02 @ F1.2 0 Lux @ F1.2 (IR LEDs on)	Color: 0.1 Lux @ F1.3 B/W: 0.02 @ F1.3 0 Lux @ F1.3 (IR LEDs on)	Color: 0.1 Lux @ F1.3 B/W: 0.02 @ F1.3 0 Lux @ F1.3 (IR LEDs on)	Color: 0.3 Lux @ F1.6 B/W: 0.1 Lux @ F1.6	Color: 0.5 Lux @ F1.8 B/W: 0.1 Lux @ F1.8	0.5 Lux @ F2.0	0.5 Lux @ F2.0
IRIS	P-IRIS	P-IRIS	P-IRIS	Fixed IRIS	Fixed IRIS	Fixed IRIS	Fixed IRIS
Shutter Time	1/3 ~ 1/66,000sec.	1/7.5 ~ 1/15,000sec.	1/7.5 ~ 1/15,000sec.	1/7.5 ~ 1/25,000sec.	1/7.5 ~ 1/25,000sec.	Auto (1/30 ~ 1/60,000sec.)	Auto (1/30 ~ 1/60,000sec.)
Camera Angle Adjustment	-	-	-	Pan: ± 25°, Tilt: 0° ~ 90°, Rotate: ± 90°	Pan: ± 25°, Tilt: 0° ~ 90°, Rotate: ± 90°	"Pan: -100° ~ 100°, Tilt: 20° ~ 90° (Manual)"	"Pan: -100° ~ 100°, Tilt: 20° ~ 90° (Manual)"
Video Compression	H.264 / M-JPEG / MPEG-4	H.264 / M-JPEG / MPEG-4	H.264 / M-JPEG / MPEG-4	H.264 / M-JPEG / MPEG-4	H.264 / M-JPEG / MPEG-4	H.264 / MPEG-4 / M-JPEG	H.264 / MPEG-4 / M-JPEG
Max. Video Resolution	2048 x 1536	1920 x 1080	1280 x 1024	2048 x 1536	1920 x 1080	1920 x 1080	1280 x 800
Max. Frame Rate	15fps @ 2048 x 1536; 30fps @ all other res.	30fps	30fps	15fps @ 2048 x 1536, 1920 x 1200; 30fps @ all other res.	30fps	30fps	30fps
S/N Ratio	> 50dB	> 50dB	> 50dB	> 50dB	> 50dB	> 50dB	> 50dB
WDR	-	Yes	Yes	Yes	Yes	Yes	Yes
3DNR	Yes	Yes	Yes	Yes	Yes	-	-
Audio Compression	G.711 / Line-in / out / Two-way audio	G.711 / Line-in / out / Two-way audio	G.711 / Line-in / out / Two-way audio	G.711 / Built-in MIC / Line-in	G.711 / Built-in MIC / Line-in	G.711 / Built-in MIC	G.711 / Built-in MIC
Alarm Input / Output	1 / 1	1 / 1	1 / 1	-	-	-	-
IR LED (units)	33	33	33	-	-	19	19
IR Distance	20m / 65.6ft.	30m / 98.4ft.	30m / 98.4ft.	-	-	10m / 33ft.	10m / 33ft.
On-board Storage	Micro SD / SDHC slot	Micro SD / SDHC slot	Micro SD / SDHC slot	Micro SD / SDHC slot	Micro SD / SDHC slot	Micro SD / SDHC slot	Micro SD / SDHC slot
Power Supply	12VDC / PoE (IEEE802.3af Class 0)	12VDC / PoE (IEEE802.3af Class 3)	12VDC / PoE (IEEE802.3af Class 3)	12VDC / PoE (IEEE802.3af Class 2)	12VDC / PoE (IEEE802.3af Class 2)	12VDC / PoE (IEEE802.3af Class 3)	12VDC / PoE (IEEE802.3af Class 3)
Max. Power Consumption	12VDC 7.44W (IR LEDs on) / PoE 8.45W (IR LEDs on)	12VDC 8.4W (IR LEDs on) / PoE 8.736W (IR LEDs on)	12VDC 8.4W (IR LEDs on) / PoE 8.736W (IR LEDs on)	12VDC 3.24W / PoE 4.8W	12VDC 3.24W / PoE 5.83W	"12VDC 4.1W (IR LEDs on) PoE 4.2W (IR LEDs on)"	"12VDC 3.1W (IR LEDs on) PoE 3.2W (IR LEDs on)"
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	-10° C ~ 50° C / 14° F ~ 122° F	-10° C ~ 50° C / 14° F ~ 122° F	0° C ~ 40° C / 32° F ~ 104° F	0° C ~ 40° C / 32° F ~ 104° F
Others	IK10, Privacy Mask, Region of Interest	IK10, Privacy Mask, Region of Interest, Smart IR	IK10, Privacy Mask, Region of Interest, Smart IR	Hallway display 9:16, Privacy Mask, Region of Interest, Event Action	Hallway display 9:16, Privacy Mask, Region of Interest, Event Action	Event Action	Event Action

Coming Soon



Model Name	EHN3361	EHN3261	EHN3340	EHN3260	EHN3160
Megapixel	3MP	2MP	3MP	2MP	1.3MP
Image Sensor	1/3" CMOS	1/3" CMOS	1/2.8" CMOS	1/2.8" CMOS	1/2.8" CMOS
Lens	4.9 ~ 49mm, 10X Optical zoom lens	4.9 ~ 49mm, 10X Optical zoom lens	Vari-focal lens, 3 ~ 9mm, F1.2 ~ 360C	Auto focus, 3.3 ~ 10mm, F1.3 ~ 360C	Auto focus, 3.3 ~ 10mm, F1.3 ~ 360C
Minimum Illumination	Color: 0.5 Lux @ F1.8 B/W: 0.095 @ F1.8 0 Lux @ F1.8 (IR LEDs on)	Color: 0.5 Lux @ F1.8 B/W: 0.095 @ F1.8 0 Lux @ F1.8 (IR LEDs on)	Color: 0.1 Lux @ F1.2 B/W: 0.02 @ F1.2 0 Lux @ F1.2 (IR LEDs on)	Color: 0.1 Lux @ F1.3 B/W: 0.02 @ F1.3 0 Lux @ F1.3 (IR LEDs on)	Color: 0.1 Lux @ F1.3 B/W: 0.02 @ F1.3 0 Lux @ F1.3 (IR LEDs on)
IRIS	DC-IRIS	DC-IRIS	P-IRIS	P-IRIS	P-IRIS
Shutter Time	1/7.5 ~ 1/15,000sec.	1/7.5 ~ 1/15,000sec.	1/3 ~ 1/660,000sec.	1/7.5 ~ 1/15,000sec.	1/7.5 ~ 1/15,000sec.
Camera Angle Adjustment	-	-	-	-	-
Video Compression	H.264 / M-JPEG / MPEG-4	H.264 / M-JPEG / MPEG-4	H.264 / M-JPEG / MPEG-4	H.264 / M-JPEG / MPEG-4	H.264 / M-JPEG / MPEG-4
Max. Video Resolution	2048 x 1536	1920 x 1080	2048 x 1536	1920 x 1080	1280 x 1024
Max. Frame Rate	30fps	30fps	15fps @ 2048 x 1536, 1920 x 1200 ; 30fps @ all other res.	30fps	30fps
S/N Ratio	> 50dB	> 50dB	> 50dB	> 50dB	> 50dB
WDR	True WDR	True WDR	-	Yes	Yes
3DNR	Yes	Yes	Yes	Yes	Yes
Audio Compression	G.711 / Line-in / Two-way audio	G.711 / Line-in / Two-way audio	G.711 / Line-in / Two-way audio	G.711 / Line-in / Two-way audio	G.711 / Line-in / Two-way audio
Alarm Input / Output	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1
IR LED (units)	10	10	33	33	33
IR Distance	40m / 131.2ft.	40m / 131.2ft.	30m / 98.4ft.	30m / 98.4ft.	30m / 98.4ft.
Weather Resistance	IP68	IP68	IP68	IP68	IP68
Vandal Resistance	IK10	IK10	IK10	IK10	IK10
On-board Storage	Micro SD / SDHC slot	Micro SD / SDHC slot	Micro SD / SDHC slot	Micro SD / SDHC slot	Micro SD / SDHC slot
Power Supply	12VDC / PoE (IEEE802.3at Class 4)	12VDC / PoE (IEEE802.3at Class 4)	12VDC / PoE (IEEE802.3at Class 4)	12VDC / PoE (IEEE802.3af Class 3)	12VDC / PoE (IEEE802.3af Class 3)
Max. Power Consumption	12VDC 13.78W (IR LEDs on) PoE 16.96W (IR LEDs on)	12VDC 13.78W (IR LEDs on) PoE 16.96W (IR LEDs on)	12VDC 10.08W (IR LEDs on) PoE 12.28W (IR LEDs on)	12VDC 8.4W (IR LEDs on) PoE 8.736W (IR LEDs on)	12VDC 8.4W (IR LEDs on) PoE 8.736W (IR LEDs on)
Operating Temperature	-40° C ~ 55° C / -40° F ~ 131° F	-40° C ~ 55° C / -40° F ~ 131° F	-40° C ~ 55° C / -40° F ~ 131° F	-40° C ~ 55° C / -40° F ~ 131° F	-40° C ~ 55° C / -40° F ~ 131° F
Others	Privacy Mask, Region of Interest	Privacy Mask, Region of Interest	Privacy Mask, Region of Interest	Privacy Mask, Region of Interest, Smart IR	Privacy Mask, Region of Interest, Smart IR



Mini



Mini

Model Name	EHNI 320	EHNI 220
Megapixel	3MP	2MP
Image Sensor	1/3" CMOS	1/2.7" CMOS
Lens	2.8 / 3.6 / 6 / 8mm	2.8 / 3.6 / 6 / 8mm
Minimum Illumination	Color: 0.3 Lux @ F1.6 B/W: 0.1 Lux @ F1.6	Color: 0.5 Lux @ F1.8 B/W: 0.1 Lux @ F1.8
IRIS	Fixed IRIS	Fixed IRIS
Shutter Time	1/7.5 ~ 1/25,00sec.	1/7.5 ~ 1/25,00sec.
Camera Angle Adjustment	Pan: $\pm 25^\circ$, Tilt: $0^\circ \sim 90^\circ$, Rotate: $\pm 90^\circ$	Pan: $\pm 25^\circ$, Tilt: $0^\circ \sim 90^\circ$, Rotate: $\pm 90^\circ$
Video Compression	H.264 / M-JPEG / MPEG-4	H.264 / M-JPEG / MPEG-4
Max. Video Resolution	2048 x 1536	1920 x 1080
Max. Frame Rate	15fps @ 2048 x 1536, 1920 x 1200 ; 30fps @ all other res.	30fps
S/N Ratio	> 50dB	> 50dB
WDR	Yes	Yes
3DNR	Yes	Yes
Audio Compression	G.711 / Built-in Mic / Line-in	G.711 / Built-in Mic / Line-in
Alarm Input / Output	-	-
IR LED (units)	-	-
IR Distance	-	-
Weather Resistance	IP67	IP67
Vandal Resistance	IK10	IK10
On-board Storage	Micro SD / SDHC slot	Micro SD / SDHC slot
Power Supply	10 ~ 36VDC / PoE (IEEE802.3af Class 2)	10 ~ 36VDC / PoE (IEEE802.3af Class 2)
Max. Power Consumption	12VDC 3.48W / PoE 5.9W	12VDC 3.48W / PoE 6.2W
Operating Temperature	-40° C ~ 55° C / -40° F ~ 131° F (12VDC) -20° C ~ 55° C / -4° F ~ 131° F (PoE)	-40° C ~ 55° C / -40° F ~ 131° F (12VDC) -20° C ~ 55° C / -4° F ~ 131° F (PoE)
Others	Privacy Mask, Region of Interest, Event Actions, Hallway Display 9:16	Privacy Mask, Region of Interest, Event Actions, Hallway Display 9:16

Coming Soon

NEW



Model Name	EZN336I	EZN326I	EZN3340	EZN3260	EZN3160	EZN1360	EZN1260	EZN1160
Megapixel	3MP	2MP	3MP	2MP	1.3MP	3MP	2MP	1.3MP
Image Sensor	1/3" CMOS	1/3" CMOS	1/2.8" CMOS	1/2.8" CMOS	1/2.8" CMOS	1/3" CMOS	1/2.7" CMOS	1/2.7" CMOS
Lens	4.9 ~ 49mm, 10X Optical zoom lens	4.9 ~ 49mm, 10X Optical zoom lens	Vari-focal lens, Auto IRIS, 3 ~ 10mm, F1.3 ~ 360C	Auto focus, 3.3 ~ 10mm, F1.3 ~ 360C	Auto focus, 3.3 ~ 10mm, F1.3 ~ 360C	3.6 / 6 / 8mm	3.6 / 6 / 8mm	3.6 / 6 / 8mm
Minimum Illumination	Color: 0.5 Lux @ F1.8 B/W: 0.095 Lux @ F1.8 0 Lux (IR LEDs on)	Color: 0.5 Lux @ F1.8 B/W: 0.095 Lux @ F1.8 0 Lux (IR LEDs on)	Color: 0.1 Lux @ F1.3 B/W: 0.02 @ F1.3 0 Lux @ F1.3 (IR LEDs on)	Color: 0.1 Lux @ F1.3 B/W: 0.02 @ F1.3 0 Lux @ F1.3 (IR LEDs on)	Color: 0.1 Lux @ F1.3 B/W: 0.02 @ F1.3 0 Lux @ F1.3 (IR LEDs on)	Color: 1.5 Lux @ F1.8 B/W: 0.05 Lux @ F1.8 0 Lux @ F1.8 (IR LEDs on)	Color: 1.5 Lux @ F1.8 B/W: 0.05 Lux @ F1.8 0 Lux @ F1.8 (IR LEDs on)	Color: 1.5 Lux @ F1.8 B/W: 0.05 Lux @ F1.8 0 Lux @ F1.8 (IR LEDs on)
IRIS	DC-IRIS	DC-IRIS	P-IRIS	P-IRIS	P-IRIS	Fixed IRIS	Fixed IRIS	Fixed IRIS
ShutterTime	1/7.5 ~ 1/15,000sec.	1/7.5 ~ 1/15,000sec.	1/15 ~ 1/10,000sec.	1/7.5 ~ 1/15,000sec.	1/7.5 ~ 1/15,000sec.	1/7.5 ~ 1/25,000sec.	1/7.5 ~ 1/25,000sec.	1/7.5 ~ 1/25,000sec.
Video Compression	H.264 / M-JPEG / MPEG-4	H.264 / M-JPEG / MPEG-4	H.264 / M-JPEG / MPEG-4	H.264 / M-JPEG / MPEG-4	H.264 / M-JPEG / MPEG-4	H.264 / M-JPEG / MPEG-4	H.264 / M-JPEG / MPEG-4	H.264 / M-JPEG
Max.Video Resolution	2048 x 1536	1920 x 1080	2048 x 1536	1920 x 1080	1280 x 1024	2048 x 1536	1920 x 1080	1280 x 1024
Max. Frame Rate	30fps	30fps	15fps @ 2048 x 1536, 1920 x 1200 ; 30fps @ all other res.	30fps	30fps	15fps @ 2048 x 1536, 1920 x 1200 30fps @ all other res.	30fps	30fps
S/N Ratio	> 50dB	> 50dB	> 50dB	> 50dB	> 50dB	> 50dB	> 50dB	> 50dB
WDR	Yes	Yes	-	Yes	Yes	-	Yes	Yes
3DNR	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Audio Compression	G.711 / Two-way audio	G.711 / Two-way audio	G.711 / Two-way audio	G.711 / Two-way audio	G.711 / Two-way audio	-	-	-
Alarm Input / Output	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1
IR LED (units)	12	12	44	44	44	8	8	8
IR Distance	40m / 131.2ft.	40m / 131.2ft.	40m / 131.2ft.	40m / 131.2ft.	40m / 131.2ft.	20m / 65.6ft.	20m / 65.6ft.	20m / 65.6ft.
Water Resistance	IP66	IP66	IP66	IP66	IP66	IP66	IP66	IP66
On-board Storage	Micro SD / SDHC slot	Micro SD / SDHC slot	Micro SD / SDHC slot	Micro SD / SDHC slot	Micro SD / SDHC slot	Micro SD / SDHC slot	Micro SD / SDHC slot	Micro SD / SDHC slot
Power Supply	12VDC / PoE (IEEE802.3at Class 4)	12VDC / PoE (IEEE802.3at Class 4)	12VDC / PoE (IEEE802.3af Class 3)	12VDC / PoE (IEEE802.3af Class 3)	12VDC / PoE (IEEE802.3af Class 3)	12VDC / 24VAC~ / PoE (IEEE802.3af Class 3)	12VDC / 24VAC~ / PoE (IEEE802.3af Class 3)	12VDC / 24VAC~ / PoE (IEEE802.3af Class 3)
Max. Power Consumption	12VDC 12.98W (IR LEDs on) / PoE 15.55W	12VDC 12.98W (IR LEDs on) / PoE 15.55W	12VDC 8W (IR LEDs on) / PoE 11.5W	12VDC 9.1W (IR LEDs on) / PoE 9.436W	12VDC 9.1W (IR LEDs on) / PoE 9.436W	12VDC / 8.1W, 24VAC~ / 10.36W, PoE / 10.08W	12VDC / 8.52W, 24VAC~ / 11.04W, PoE / 10.56W	12VDC / 7.36W, 24VAC~ / 9.96W, PoE / 8.78W
Operating Temperature	-40° C ~ 55° C / -40° F ~ 131° F (12VDC) -20° C ~ 55° C / -4° F ~ 131° F (PoE)	-40° C ~ 55° C / -40° F ~ 131° F (12VDC) -20° C ~ 55° C / -4° F ~ 131° F (PoE)	-40° C ~ 55° C / -40° F ~ 131° F (12VDC) -20° C ~ 55° C / -4° F ~ 131° F (PoE)	-40° C ~ 55° C / -40° F ~ 131° F (12V DC) -20° C ~ 55° C / -4° F ~ 131° F (PoE)	-40° C ~ 55° C / -40° F ~ 131° F (12VDC) -20° C ~ 55° C / -4° F ~ 131° F (PoE)	-20° C ~ 55° C / -4° F ~ 131° F	-20° C ~ 55° C / -4° F ~ 131° F	-20° C ~ 55° C / -4° F ~ 131° F
Others	Privacy Mask, Region of Interest	Privacy Mask, Region of Interest	Privacy Mask, Region of Interest	Privacy Mask, Region of Interest, Smart IR	Privacy Mask, Region of Interest, Smart IR	Privacy Mask, Region of Interest, Hallway Display 9:16	Privacy Mask, Region of Interest, Hallway Display 9:16	Privacy Mask, Region of Interest, Hallway Display 9:16

Coming Soon



Model Name	EAN7220	EAN3300	EAN3220	EAN3120
Megapixel	2MP	3MP	2MP	1.3MP
Image Sensor	1/1.9" Sony Progressive CMOS	1/2.8" CMOS	1/3" CMOS	1/3" CMOS
Lens	C / CS mount, Auto IRIS (Lens sold separately)	C / CS mount, Auto IRIS (Lens sold separately)	C / CS mount, Auto IRIS (Lens sold separately)	C / CS mount, Auto IRIS (Lens sold separately)
Minimum Illumination	Color: 0.01 Lux @ F1.2 Black: 0.0005 Lux @ F1.2	Color: 0.1 Lux @ F1.2 B/W: 0.02 Lux @ F1.2	Color: 0.1 Lux @ F1.2 B/W: 0.02 Lux @ F1.2	Color: 0.1 Lux @ F1.2 B/W: 0.02 Lux @ F1.2
Shutter Time	1 ~ 1/10000sec.	1/3 ~ 1/66,000sec.	2 ~ 1/50,000sec.	1/60 ~ 1/60,000sec.
Video Compression	H.264 / MPEG-4 / M-JPEG	H.264 / M-JPEG / MPEG-4	H.264 / M-JPEG / MPEG-4	H.264 / M-JPEG / MPEG-4
Max. Video Resolution	1920 x 1080	2048 x 1536	1920 x 1080	1280 x 1024
Max. Frame Rate	60fps @ 1080p	15fps @ 2048 x 1536, 1920 x 1200 ; 30fps @ all other res.	30fps	30fps
S/N Ratio	> 48dB	> 50dB	> 50dB	> 50dB
WDR	Yes	-	Yes	Yes
3DNR	Yes	Yes	Yes	Yes
Audio Compression	G.711 / Line in / out / Two-way audio	G.711 / Line-in / Two-way audio	G.711 / Line-in / Two-way audio	G.711 / Line-in / Two-way audio
Alarm Input / Output	1 / 1	1 / 1	1 / 1	1 / 1
On-board Storage	Micro SDHC slot	Micro SD / SDHC slot	Micro SD / SDHC slot	Micro SD / SDHC slot
Power Supply	12VDC / 24VAC~ / PoE (IEEE802.3af Class 0)	12VDC / PoE (IEEE802.3af Class 3)	12VDC / PoE (IEEE802.3af Class 3)	12VDC / PoE (IEEE802.3af Class 3)
Max. Power Consumption	12VDC 7.5W / 24VAC~ 9.5W / PoE 9.5W	12VDC 5W / PoE 5.36W	12VDC 5W / PoE 5.22W	12VDC 5W / PoE 6.21W
Operating Temperature	-10° C ~ 50° C / 14° F ~ 131° F	0° C ~ 50° C / 32° F ~ 122° F	0° C ~ 50° C / 32° F ~ 122° F	0° C ~ 50° C / 32° F ~ 122° F
Others	Privacy Mask, Region of Interest	Privacy Mask, Region of Interest	Privacy Mask, Region of Interest	Privacy Mask, Region of Interest

NEW



NEW



Coming Soon



PoE



PoE



Model Name	NVR8004X (Elite 2)	NVR8008X (Commander2)	ENVR8304X	ENVR8304D	ENVR8304E
Number of Channels	16	64	16	8	
Playback Channels	16	16	16	8	
Video Output	VGA x 1	VGA x 1 / DVI x 1 / Display x 2	HDMI x 1 / VGA x 1	HDMI x 1 / VGA x 1	
Audio Input / Output	-	1 / 1	1 / 1	1 / 1	
Compression Format	H.264	H.264	H.264	H.264	
Recording Performance	Support 1.3M, 2M, 3M and above IP cameras General performance around 480fps at 2M (Up to 5M per channel) Total bit rate: 100Mbps	Support 1.3M, 2M, 3M and above IP cameras General performance around 960fps at 2M (Up to 5M per channel) Total bit rate: 250Mbps	Support 1.3M, 2M, 3M and above IP cameras General performance around 480fps at 2M (Up to 5M per channel) Total bit rate: 100Mbps	Support 1.3M, 2M, 3M and above IP cameras General performance around 240fps at 2M (Up to 5M per channel) Total bit rate: 100Mbps	
Audio & Video Recording	Synchronized audio and video recording	Synchronized audio and video recording	Synchronized audio and video recording	Synchronized audio and video recording	
Recording Modes	Continuous record, Record by schedule, Event trigger record	Continuous record, Record by schedule, Event trigger record	Manual, Schedule and Event	Manual, Schedule and Event	
LAN Speed	10 / 100 / 1000Mbps (RJ45 x 2)	10 / 100 / 1000Mbps (RJ45 x 2)	10 / 100 / 1000Mbps (RJ45 x 2)	10 / 100 / 1000Mbps (RJ45 x 2)	
Ethernet	Gigabit port x 2	Gigabit port x 2	igabit port x 2 (LAN, WAN)	Gigabit port x 2 (LAN, WAN)	
Number of Drives	4 x SATA II (3.5" HDD)	8 x SATA II (3.5" HDD)	4 x SATA II (3.5" HDD)	4 x SATA II (3.5" HDD)	
Max. Storage	12TB	32TB	16TB	16TB	
RAID	RAID 0, 1, 5, 6, 10	RAID 0, 1, 5, 6, 10	N/A	N/A	
External Storage	I-SCSI (Option V100)	I-SCSI (Option V100)	1 x eSATA (Option EDA450)	1 x eSATA (Option EDA450)	
USB	4 (2 x USB 2.0 ; 2 x USB 3.0)	6 (4 x USB 2.0 ; 2 x USB 3.0)	3 x USB 2.0	2 x USB 2.0	
eSATA	-	-	1	1	
POS	TBD	TBD	TBD	TBD	
Remote Live View Control	Live view, preset / go, PTZ, snapshot, multi-view, digital PTZ, bandwidth monitoring	Live view, preset / go, PTZ, snapshot, multi-view, digital PTZ, bandwidth monitoring	Live view, PTZ, snapshot, multi-view, digital PTZ, bandwidth monitoring	Live view, PTZ, snapshot, multi-view, digital PTZ, bandwidth monitoring	
Max. Power Source	19VDC, 4.74A 90W	100 ~ 240VAC~, 3.5A 510W	100 ~ 240VAC~, 150W	100 ~ 240VAC~, 150W	100 ~ 240VAC~, 300W
Operating Temperature	0° C ~ 40° C / 32° F ~ 104° F (20 ~ 80% non-condensing)	5° C ~ 40° C / 41° F ~ 104° F (5 ~ 80% non-condensing)	0° C ~ 40° C / 32° F ~ 104° F (20 ~ 80% non-condensing)	0° C ~ 40° C / 32° F ~ 104° F (20 ~ 80% non-condensing)	
Dimensions (W x D x H)	183 x 219 x 140mm / 7.2" x 8.62" x 5.51"	430 x 660 x 88mm / 16.9" x 26" x 3.5"	430 x 423 x 72mm / 16.93" x 16.65" x 3.13"	430 x 423 x 72mm / 16.93" x 16.65" x 3.13"	



Model Name	EPoE-05	EPoE-08	EPoE16E
Number of Ports	5	8	16
Uplink Ports	0	1 (RJ-45)+1 (SFP)	2
Standards	IEEE802.3af / at IEEE802.3 10BaseT IEEE802.3u 100BaseTX IEEE802.3ab 1000BaseT IEEE802.3x Flow Control	IEEE802.3 10BaseT IEEE802.3u 100BaseTX IEEE802.ab 1000BaseT IEEE802.3z 1000BaseSX/LX IEEE802.3x Flow Control IEEE802.3ad Link Aggregation Control Protocol IEEE802.1Q VLAN IEEE802.1p Class of Service IEEE802.1D Spanning Tree Protocol IEEE802.1w Rapid Spanning Tree Protocol IEEE802.3at Power Over Ethernet (PoE+)	Ethernet: IEEE 802.3 10BaseT IEEE802.3u 100BaseTX IEEE802.ab 1000BaseT IEEE802.3z 1000BaseSX/LX IEEE802.3x Flow Control IEEE802.3ad Link Aggregation Control Protocol IEEE802.1Q VLAN IEEE802.1p Class of Service IEEE802.1D Spanning Tree Protocol IEEE802.1w Rapid Spanning Tree Protocol IEEE802.3at Power Over Ethernet (PoE+)
Features	10 / 100 / 1000BaseT (X) with 4 PSE / Power over Ethernet Ports MAC Address: 2K Transmission Method: Store and Forward	Fast Ethernet: 8-port 10 / 100 Base-TX, IEEE802.3at PSE Gigabit Ethernet: 1-port 10 / 100 / 1000 Base-T, 1-port Gigabit SFP MAC Address: 4K Buffer Memory: 2.75Mb Transmission Method: Store and Forward	10 / 100BaseTX with RJ-45 Connectors: 16 port with PoE+ Gigabit Uplink: 2x 10 / 100 / 1000BaseT RJ-45 / Gigabit SFP Combo Port MAC Address: 4K Buffer Memory: 2.75Mb Transmission Method: Store and Forward
Smart Features	Auto-MDI / MDI-X Function Auto-Negotiation Function	Port Based VLAN: 10 Tagged Based VLAN: 32, VID = 1 ~ 4094 STP/RSTP IGMP Snooping V1 & V2 Quality of Service (QoS) Security: Port & MAC binding, 3 MAC per port Port: Port State, Speed / Duplex, Port Mirroring Bandwidth Control Broadcast Storm Control PoE Control: PoE Port Enable / Disable, PoE Status Management: Web Management, password protection Configuration backup / restore, Firmware upgrade	Port Based VLAN: 18 Tagged Based VLAN: 32, VID = 1 ~ 4094 STP / RSTP IGMP Snooping V1 & V2 Quality of Service (QoS) Security: Port & MAC binding, 3 MAC per port Port: Port State, Speed / Duplex, Port Mirroring Bandwidth Control Broadcast Storm Control PoE Control: PoE Port Enable / Disable, PoE Status Management: Web Management, password protected access, Configuration backup / restore, TFTP firmware upgrade
Power Input	48VDC	100 ~ 240VAC~, 50 ~ 60Hz	100 ~ 240VAC~, 50 ~ 60Hz
Power Output	53VDC Per Port Output	53VDC Per Port Output	53VDC Per Port Output
Max. Power Consumption	70W	130W	250W
Dimensions	130 x 98 x 24mm / 5.1" x 3.8" x 0.9" (W x D x H)	44 x 266 x 160mm / 1.7" x 10.4" x 6.3" (H x W x D)	44 x 440 x 332mm / 1.7" x 17.3" x 13" (H x W x D)
Operating Temperature	0° C ~ 40° C / 32° F ~ 104° F	0° C ~ 45° C / 32° F ~ 113° F	0° C ~ 40° C / 32° F ~ 104° F
Storage Temperature	-20° C ~ 90° C / -4° F ~ 194° F	-20° C ~ 90° C / -4° F ~ 194° F	-20° C ~ 90° C / -4° F ~ 194° F
Humidity	10 ~ 90% RH (non-condensing)	10 ~ 90% RH (non-condensing)	10 ~ 90% RH (non-condensing)
Certificates	FCC Class A, CE	FCC Class A, CE	FCC Class A, CE
Weight	0.33kg	1.8kg	4.2kg



Model Name	EPoE-16	EPoE24E	EPoE-24
Number of Ports	16	24	24
Uplink Ports	4	2	4
Standards	Ethernet: IEEE802.3 10BaseT IEEE802.3u 100BaseTX IEEE802.ab 1000BaseT IEEE802.3z 1000BaseSX/LX IEEE802.3x Full-duplex and Flow Control IEEE802.1Q VLAN IEEE802.3ad Link Aggregation Control Protocol IEEE802.1D Spanning Tree Protocol IEEE802.1w Rapid Spanning Tree Protocol IEEE802.1p Class of Service IEEE802.1X Port-based Network Access Control IEEE802.3at Power Over Ethernet (PoE+)	Ethernet: IEEE802.3 10BaseT IEEE802.3u 100BaseTX IEEE802.ab 1000BaseT IEEE802.3z 1000BaseSX/LX IEEE802.3x Flow Control IEEE802.3ad Link Aggregation Control Protocol IEEE802.1Q VLAN IEEE802.1p Class of Service IEEE802.1D Spanning Tree Protocol IEEE802.1w Rapid Spanning Tree Protocol IEEE802.3at Power Over Ethernet (PoE+)	Ethernet: IEEE802.3, 802.3u, 802.3ab, 802.3ae IEEE802.3az Energy Efficient Ethernet (EEE) Protocol: IEEE802.3x - Flow Control IEEE802.1Q - VLAN IEEE802.1p - Class of Service IEEE802.1D - Spanning Tree IEEE802.1w - Rapid Spanning Tree IEEE802.1s - Multiple Spanning Tree, IEEE802.3ad - Link Aggregation Control Protocol (LACP) IEEE802.1v - Protocol VLAN, IEEE802.1AB - LLDP (Link Layer Discovery Protocol) IEEE802.1X - Access Control
Features	10 / 100 / 1000M RJ-45 Ports: 16 ports with IEEE802.3at PoE+ Gigabit SFP: 4, Combo with 4 10 / 100 / 1000M RJ-45 MAC Address: 8K Buffer Memory: 500Kb Jumbo Frames: 9.6Kb Transmission Method: Store and Forward	10 / 100BaseTX with RJ-45 Connectors: 24 port with PoE+ Gigabit Uplink: 2x 10 / 100 / 1000BaseT RJ-45 / Gigabit SFP Combo Port MAC Address: 4K Buffer Memory: 2.75Mb Transmission Method: Store and Forward	10 / 100 / 1000Base RJ-45 Port : 24, Auto-negotiation, Auto MDI / MDIX 1G SFP / 10G SFP+ : 4 Switching Capacity: 88Gbps MAC Address Table Size: 32K Forwarding Rate: 95.2Mpps Packet Buffer: 4Mb
Smart Features	VLAN: 16, VLAN ID: 1 ~ 4094 IGMP Snooping V1 & V2 LACP / Trunk: up to 8 groups Quality of Service (QoS) PoE Control: PoE Port Enabled / Disable, Status IEEE 802.1X, Source IP Filter Storm Control: Broadcast, Multicast, Flood Unicast Port: Port State, Speed / Duplex Rate Limiting, Port Mirroring Management: Web GUI, SNMP, Password protection Configuration upload / download, Firmware upgrade	Port Based VLAN: 26 Tagged Based VLAN: 32, VID = 1 ~ 4094 STP / RSTP IGMP Snooping V1 & V2 Link Aggregation: 3 groups Quality of Service (QoS) Security: Port & MAC binding, 3 MAC per port Port: Port State, Speed / Duplex Port Mirroring Bandwidth Control Broadcast Storm Control PoE Control: PoE Port Enable / Disable, PoE Status Management: Web Management, password protected access, Configuration backup / restore, TFTP firmware upgrade	L2 Features: Flow Control: 802.3x (Full-duplex) / Back-Pressure (Half-duplex) Loop Detection VLAN: IEEE802.1Q Tagged Based, Max. VLAN Group: 4K QinQ Port-based VLAN Voice VLAN Private VLAN MVR MAC-Based VLAN Protocol-Based VLAN IGMP Snooping: IGMP Snooping v1 / v2 / v3 IPv6 MLD Snooping v1 / v2 Querier support / IGMP Filtering, IGMP Leave Proxy, Immediate Leave Storm Control: Broadcast / Multi-cast / Un-known Unicast Jumbo Frame Support: 10K
Power Input	100 ~ 240VAC~, 50 ~ 60Hz	100 ~ 240VAC~, 50 ~ 60Hz	100 ~ 240VAC~, 50 ~ 60Hz
Power Output	53VDC Per Port Output	53VDC Per Port Output	53VDC Per Port Output
Max. Power Consumption	250W	400W	500W
Dimensions	44 x 440 x 331mm / 1.7" x 17.3" x 1.3" (H x W x D)	44 x 440 x 332mm / 1.7" x 17.3" x 1.3" (H x W x D)	45 x 440 x 220mm / 1.7" x 17.3" x 0.86" (H x W x D)
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
Storage Temperature	-20° C ~ 90° C / -4° F ~ 194° F	-20° C ~ 90° C / -4° F ~ 194° F	-20° C ~ 90° C / -4° F ~ 194° F
Humidity	10 ~ 90% RH (non-condensing)	10 ~ 90% RH (non-condensing)	5 ~ 90% RH (non-condensing)
Certificates	FCC Class A, CE	FCC Class A, CE	FCC Class A, CE
Weight	4.6kg	4.7kg	3.0kg

ESK1000

Connect, Power-up Right Away

Must Have !

My Best Sidekick

for Installation



Features

- Viewing IP camera video through iOS / Android portable devices
- Supports various brands of IP cameras
- Equipped with high capacity lithium battery
- PoE and DC power supply
- Features a WiFi router with a built-in DHCP server
- Multi-function
 - Portable device charger
 - Wireless access point (AP) provider
- Compact size and easy to carry

Specifications

Cell type	18650 (2950mA) × 4pcs	
Input	19VDC / 3.16A	
Output	PoE	30W Max.
	12VDC	12V / 1.5A
	USB	5V / 1A
Protection	Overcharge	Yes
	Overdischarge	Yes
	Shortcircuit	Yes
	Overheating	Yes
	Excessive Load	Yes
Power / Capacity Indicator	Charging Indicator	Yes (Charging: Red / Full: Green)
	Power Indicator	Yes (Blue < 100%, 80%, 60%, 40%, 20% >)
	PoE Power Supply Indicator	Yes (Green)
General	Dimensions	76.2 × 25.4 × 156mm / 3" × 1" × 6.1"
	Weight	550g / 1.2lb
	Operating Temperature	0° C ~ 40° C / 32° F ~ 104° F
	Certificates	CE, FCC

Surveillance Signage

With EverFocus EMX32 Surveillance Signage you can simultaneously decode 1080p / 720p multiple video streams on a monitor.



Features

- Decodes up to four 1080p / 30fps video streams in H.264 codec simultaneously
- Decodes up to 16 IP streams or 32 analog channels (TBD)
- Multiple main monitors: Separately configured HDMI and VGA (1080p) main monitor outputs
- Multiple control inputs: mouse / remote controller
- Remote configuration support from built-in Web interface
- Standing mount and VESA mount optional

NEW

Accessory Surveillance Signage

Model Name	EMX32	
Channel Number	IP: 16CH	Analog: 32CH (TBD)
	NTSC 120fps @ 1080p	NTSC 320fps @ 320 x 240; PAL 256fps @ 320 x 256
	PAL 100fps @ 1080p	
	(Depend on IP Camera)	
Video Codec	H.264	
Performance	80Mbps	
Video Output	HDMI: 720 x 480, 1024 x 768, 1920 x 1080 VGA: 720 x 480, 1024 x 768, 1920 x 1080	
Alarm In	4	
Alarm Out	1	
Watch Dog Timer	Yes	
User Interface	GUI (Graphical User Interface)	
OS	Embedded Linux	
Network / Protocol	10 / 100Mbps Ethernet ;TCP-IP / DHCP/ PPPoE / Everfocus DDNS / RTSP / RTP / HTTP / SMTP / POP3 / SSL	
Control PTZ via OSD	Yes	
Dual Streaming	Yes	
USB	1 USB 2.0 ports (on Back Panel)	
User Access	3 Levels of user access supported	
RS-485	1 RS-485	
Power Source	12VDC / 5A (Max. 60W)	
Operating Temperature	0° C ~ 40° C / 32° F ~ 104° F (20 ~ 80% non-condensing)	
Dimensions (L x W x H)	160 x 160 x 45mm / 6.29" x 6.29" x 1.77"	
Certificates	CE, FCC, ROHS	
Languages	English, Japanese, Traditional Chinese, Spanish, Deutsch, French, Russian, Portuguese (Brazil), Dutch , Simplified Chinese, Italian	

Any PoE Device / PoE IP Camera (works with EverFocus and 3rd-party IP cameras)

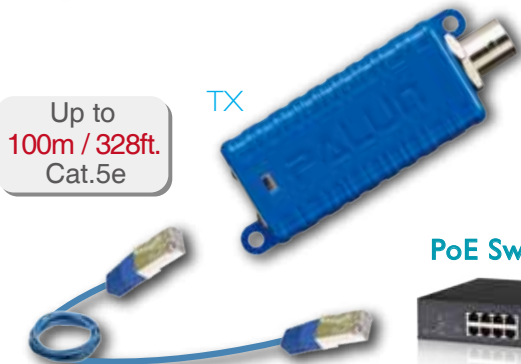
Up to
100m / 328ft.
Cat.5e



RX

Up to
100m / 328ft.
Cat.5e

TX



Up to
150m / 492ft.
Coax

PoE Switch



Features

- Maximum connection distance of 350m / 1,148ft.
- Automatic 802.3at & af PoE detection
- Automatic MDI/MDI-X detection
- Slim & compact design
- Easy installation

Model Name

Palun01

Ethernet Standards

IEEE 802.3 af/at IEEE 802.3 10BastT
IEEE 802.3u 100BaseTX
IEEE 802.3x Flow Control

Smart Features

Auto MDI / MDI-X Function
Auto-Negotiation Function

Power Input / Output

IEEE802.3at 50 ~ 57V 30W (Max.)
IEEE802.3af 44 ~ 57V / 15.4W (Max.)

Transmission Distance

Up to 350m / 1,148ft.

BNC

Impedance 75Ω

Dimensions

27 x 25 x 74mm / 1.1" x 1.0" x 2.9"

Weight

90g / 0.20lb

Operating Temperature

-10° C ~ 50° C / 14° F ~ 122° F

Humidity

10 ~ 90% RH (non-condensing)

Certificates

UL, CE, FCC Class A

PALUN Rack Mount Bracket (Screws included)



Model Name

BA-PU12

Description

Holds up to 12 pieces of Palun (TX or RX)

H.264 Video Recorder



Model Name	EVS410
Video Compression	H.264 / M-JPEG
Video Resolution	704 x 480 (576) / 640 x 480 / 352 x 240 (288) / 320 x 240 / 176 x 112 (144)
Video Quality	VBR: 5 level adjustable, CBR: 256Kbps~3Mbps
Frame Rate	Up to 30fps
Video Source	4 BNC composite, 1 Vp-p, 75Ω NTSC / PAL auto-sense
Compression Method	G.711 PCM 8 kHz
Operation Mode	Two-way audio
Max. Client Limit	10 simultaneous clients
Alarm Input / Output	4 / 1
Serial Connector	RS-485
Event Triggered	Alarm input, Manual trigger, Motion detection, Video loss, Tampering detection and schedule recording
Pre-and Post-Alarm Buffer	40MB
SD Card	Support SDHC Host Specification
Power Supply	12VDC
Max. Power Consumption	12VDC, 36W

Control Keyboard



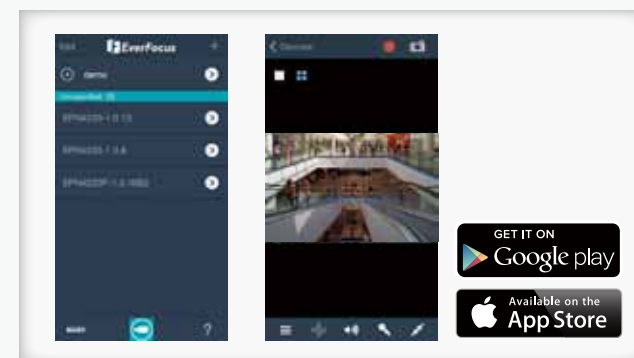
Model Name	EKB200
Interface	USB 1.1
PTZ Function Key	4 keys, IRIS+, IRIS-, Focus+, Focus-
Assignable Key	12 keys
Default Protocol	USB HID class
USB Cable (Length)	1.8m / 6ft.
USB Cable (Color)	Black
Mounting Method	Desktop, Panel
Power Source	USB Bus Power
Max. Power Consumption	80mA
Operating Temperature	0°C ~ 50°C / 32°F ~ 122°F

MobileFocus Plus

Advanced Central Management Viewing for Mobile Devices

Features

- Support for all EverFocus IP Camera / DVRs / HD-SDI / Mobile DVRs / NVRs / Genie XMS
- Live view
 - 4 channel view
 - Snapshot
 - Sequence
 - Digital zoom
 - Time / Title display
- Playback
- PTZ controls
- Address book
- Device Group
- Alarm Pop-up (HD version)



IR Corrective Megapixel Lens



Model Name

Model Name	EFV-2812DCMP	EFV-410DCMP	EFV-880DCMP	EFV-M1803DCIR	EFV-M0940DCIR
Megapixel	1/2" Megapixel Auto Lens			1/2", DC IRIS F1.8, IR CS Mount	1/2", DC IRIS F1.5, IR CS Mount
Lens Size	2.8 ~ 12mm	4.5 ~ 10mm	8 ~ 80mm	1.8 ~ 3mm	9 ~ 40mm

eZ.HD Solution

Seamlessly migrate from analog to HD solution without video latency effect

EverFocus eZ.HD solution, stands for analog high definition, provides HD uncompressed and lossless video quality that keeps all the original video details. The eZ.HD solution is backward compatible with 960H / D1 products, and supports video transmission over traditional 75-3 coaxial cable up to 500 meters. The eZ.HD solution inherits and carries forward advantages of traditional analog solution, truly achieves seamless migration from traditional analog to analog HD.

Benefits from eZ.HD DVRs:

- HD image quality
- Control eZ.HD camera's OSD / PTZ over coax. (eZ Controller function)
- Backward compatible with 960H / D1 cameras
- Coaxial and UTP cables supported
- Remote access from App, Web browser or Genie XMS (CMS)

Benefits from eZ.HD Cameras:

- HD / 960H Switchable
- NTSC / PAL Switchable
- Fixed and Varifocal Lens
- Dual Power (12VDC / 24VAC)
- Low Temperature (-40° C / -40° F)



NEW



Model Name	ECOR HD 16X1
HD or WDI Video Input	16 CH
Compression	H.264
Video Interface	16 BNC
Audio Input / Output	16 / 1
Monitor Output	HDMI x 1 / VGA x 1 / CVBS x 1
Recording Rate / Resolution	NTSC 240fps @ 720p; PAL 200fps @ 720p
Playback Rate / Resolution	NTSC 240fps @ 720p; PAL 200fps @ 720p
Recording Mode	Manual, Schedule, Event
Alarm Input / Output	16 / 2
Network / Protocol	10 / 100 Ethernet x 1 / TCP-IP / DHCP / PPPoE / DDNS / SMTP / NTP
Internal HDD	3.5" HDD x 4 (Max. 16TB)
External HDD	N/A
Built-in DVD Burner	Yes
USB Interface	2 x USB 2.0 port
RS-232 / RS-485	0 / 1
PTZ Protocols Supported	Pelco D, Pelco P, Samsung, Transparent, Everfocus
Max. Power Consumption	12VDC, 6A, 72W
Operating Temperature	0° C ~ 40° C / 32° F ~ 104° F (20 ~ 80% non-condensing)
Dimension (W x D x H)	395 x 430 x 79.5mm / 15.6" x 16.9" x 3.2"
Weight	6.0kg / 13.23lb (without HDDs)
Certificates	CE, FCC, UL

NEW



NEW



Model Name	ECOR HD 4F		ECOR HD 8F		ECOR HD 16F	
HD or WDI Video Input	4 CH		8 CH		16 CH	
Compression	H.264		H.264		H.264	
Video Interface	4 BNC		8 BNC		16 BNC	
Audio Input / Output	4 / 1					
Monitor Output	HDMI x 1 / VGA x 1 / CVBS x 1					
Recording Rate / Resolution	NTSC 120fps @ 720p; PAL 100fps @ 720p				NTSC 240fps @ 720p; PAL 200fps @ 720p	
Playback Rate / Resolution	NTSC 120fps @ 720p; PAL 100fps @ 720p				NTSC 240fps @ 720p; PAL 200fps @ 720p	
Recording Mode	Manual, Schedule, Event					
Alarm Input / Output	4 / 1					
Network / Protocol	10 / 100 Ethernet x 1 / TCP-IP / DHCP / PPPoE / DDNS / SMTP / NTP					
Internal HDD	3.5" HDD x 1 (Max. 4TB)		3.5" HDD x 2 (Max. 8TB)			
External HDD	N/A					
Built-in DVD Burner	N/A					
USB Interface	USB 2.0 x 2					
RS-232 / RS-485	0 / 1					
PTZ Protocols Supported	Pelco D, Pelco P, Samsung, Transparent, Everfocus					
Max. Power Consumption	12VDC, 3A, 36W		12VDC, 5A, 60W			
Operating Temperature	0° C~40° C / 32° F~104° F (20 ~ 80% humidity)					
Dimension (W × D × H)	320 × 267.8 × 59.9mm / 12.6" × 10.54" × 2.36"					
Weight	2.36kg / 5.2lb		3.14kg / 6.92lb			
Certificates	CE, FCC,UL					

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Model Name	ECD900	ED910	ED930	EHD930	EHD935
Pickup Device	1/2.8" Sony 1.37M pixels COMS	1/2.8" Sony 1.37M pixels COMS	1/2.8" Sony 1.37M pixels COMS	1/2.8" Sony 1.37M pixels COMS	1/2.8" Sony 1.37M pixels COMS
Video Format	NTSC / PAL (can be switched via OSD)	NTSC / PAL (can be switched via OSD)	NTSC / PAL (can be switched via OSD)	NTSC / PAL (can be switched via OSD)	NTSC / PAL (can be switched via OSD)
Effective Pixels	1280 (H) × 720 (V)	1280 (H) × 720 (V)	1280 (H) × 720 (V)	1280 (H) × 720 (V)	1280 (H) × 720 (V)
Scanning System	Progressive Scan	Progressive Scan	Progressive Scan	Progressive Scan	Progressive Scan
Sensitivity	0.08 Lux	0.08 Lux	0 Lux with IR On	0 Lux with IR On	0 Lux with IR On
S/N Ratio	> 48dB (AGC off)	> 48dB (AGC off)	> 48dB (AGC off)	> 48dB (AGC off)	> 48dB (AGC off)
Electronic Shutter	Auto / Manual (x30 ~ 1/50,000) / Flk	Auto / Manual (x30 ~ 1/50,000) / Flk	Auto / Manual (x30 ~ 1/50,000) / Flk	Auto / Manual (x30 ~ 1/50,000) / Flk	Auto / Manual (x30 ~ 1/50,000) / Flk
Video Output	BNC 1.0Vp-p 75Ω	BNC 1.0Vp-p 75Ω	BNC 1.0Vp-p 75Ω	BNC 1.0Vp-p 75Ω	BNC 1.0Vp-p 75Ω
Lens Type	3.6mm Fixed Lens with ICR	2.8 ~ 12mm DC Iris with ICR	2.8 ~ 12mm DC Iris with ICR	2.8 ~ 12mm DC Iris with ICR	2.8 ~ 12mm DC Iris with ICR
BLC	Yes	Yes	Yes	Yes	Yes
AWB	Yes	Yes	Yes	Yes	Yes
DNR	Yes	Yes	Yes	Yes	Yes
WDR	D-WDR	D-WDR	D-WDR	D-WDR	D-WDR
IR LED (units)	-	-	18	30	28
IR Distance	-	-	Up to 30m / 100ft. (depending on scene IR reflectivity)	Up to 30m / 100ft. (depending on scene IR reflectivity)	Up to 30m / 100ft. (depending on scene IR reflectivity)
Weather Resistance	-	-	-	IP66	IP67
Power Supply	12VDC	12VDC / 24VAC~	12VDC / 24VAC~	12VDC / 24VAC~	12VDC / 24VAC~
Max. Power Consumption	N/A	N/A	N/A	N/A	N/A
Operating Temperature	-10°C~50°C / 14°F~122°F	-10°C ~ 50°C / 14°F ~ 122°F	-10°C ~ 50°C / 14°F ~ 122°F	-40°C ~ 55°C / -40°F ~ 131°F	-40°C ~ 55°C / -40°F ~ 131°F

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Model Name	EBD930	EBD935	ECZ930	EZ930	EZ950	EQ900
Pickup Device	1/2.8" Sony 1.37M pixels COMS	1/2.8" SONY 1.37M pixels CMOS	1/2.8" Sony 1.37M pixels COMS	1/2.8" Sony 1.37M pixels COMS	1/2.8" Sony 1.37M pixels COMS	1/2.8" Sony 1.37M pixels COMS
Video Format	NTSC / PAL (can be switched via OSD)	NTSC / PAL (can be switched via OSD)	NTSC / PAL (can be switched via OSD)	NTSC / PAL (can be switched via OSD)	NTSC / PAL (can be switched via OSD)	NTSC / PAL (can be switched via OSD)
Effective Pixels	1280 (H) × 720 (V)	1280 (H) × 720 (V)	1280 (H) × 720 (V)	1280 (H) × 720 (V)	1280 (H) × 720 (V)	1280 (H) × 720 (V)
Scanning System	Progressive Scan	Progressive Scan	Progressive Scan	Progressive Scan	Progressive Scan	Progressive Scan
Sensitivity	0 Lux with IR On	0 Lux with IR On	0 Lux with IR On	0 Lux with IR On	0 Lux with IR On	0.08 Lux
S/N Ratio	> 48dB (AGC off)	> 48dB (AGC off)	> 48dB (AGC off)	> 48dB (AGC off)	> 48dB (AGC off)	> 48dB (AGC off)
Electronic Shutter	Auto / Manual (x30 ~ 1/50,000) / Flk	Auto / Manual (x30 ~ 1/50,000) / Flk	Auto / Manual (x30 ~ 1/50,000) / Flk	Auto / Manual (x30 ~ 1/50,000) / Flk	Auto / Manual (x30 ~ 1/50,000) / Flk	Auto / Manual (x30 ~ 1/50,000) / Flk
Video Output	BNC 1.0Vp-p 75Ω	BNC 1.0Vp-p 75Ω	BNC 1.0Vp-p 75Ω	BNC 1.0Vp-p 75Ω	BNC 1.0Vp-p 75Ω	BNC 1.0Vp-p 75Ω
Lens Type	3.6mm Fixed lens with ICR	2.8 ~ 12mm DC Iris with ICR	3.6mm Fixed Lens with ICR	2.8 ~ 12mm DC Iris with ICR	5 ~ 50mm DC Iris with ICR	C / CS Mount (lens sold separately)
BLC	Yes	Yes	Yes	Yes	Yes	Yes
AWB	Yes	Yes	Yes	Yes	Yes	Yes
DNR	Yes	Yes	Yes	Yes	Yes	Yes
WDR	D-WDR	D-WDR	D-WDR	D-WDR	D-WDR	D-WDR
IR LED (units)	24	36	30	80	8	-
IR Distance	Up to 15m / 50ft. (depending on scene IR reflectivity)	Up to 30m / 98ft. (depending on scene IR reflectivity)	Up to 15m / 50ft. (depending on scene IR reflectivity)	Up to 35m / 115ft. (depending on scene IR reflectivity)	Up to 50m / 165ft. (depending on scene IR reflectivity)	-
Weather Resistance	IP66	IP66	IP66	IP66	IP66	-
Power Supply	12VDC	12VDC	12VDC	12VDC / 24VAC~	12VDC / 24VAC~	12VDC / 24VAC~
Max. Power Consumption	N/A	N/A	N/A	N/A	N/A	N/A
Operating Temperature	-10°C ~ 50°C / 14°F ~ 122°F	-10°C ~ 50°C / 14°F ~ 122°F	-10°C ~ 50°C / 14°F ~ 122°F	-40°C ~ 50°C / -40°F ~ 122°F	-40°C ~ 50°C / -40°F ~ 122°F	-10°C ~ 55°C / 14°F ~ 131°F



		ANALOG 960H BOARD CAMERA	ANALOG PIR COVERT CAMERA	ANALOG DUMMY PIR CAMERA	ANALOG 3-IN-1 DOME
Item	Model Name	EM700	ECMD200	ECMD100i	E3D2412MPXW
Camera	Horizontal Resolution	720+ TVL	600TVL	Color: 600TVL / B/W: 700TVL	560+ TVL
	Image Sensor	1/3" Sony ExView HAD II 960H CCD	1/3" Sony Super HAD II CCD	1/3" Sony Super HAD II CCD	1/3" CMOS CCD
	Image Pixel	976x494 (NTSC), 976x582 (PAL)	768x494 (NTSC), 752x582 (PAL)	768x494 (NTSC), 752x582 (PAL)	768x494 (NTSC), 752x582 (PAL)
	Lens	Pinhole 3.7mm conical, 3.7mm flat, or 4.3mm cone	Pinhole 3.7mm/F2.0	Pinhole 3.7mm/F2.0	Wide: 2x 2.4mm plus, Tele: 1x 12mm
	Minimum Illumination	0.05 Lux	0.05 Lux/F2.0	0.1 Lux/F1.4 0 Lux (IR On)	0.1 Lux
Video	Electronic Shutter	1/60 (1/50) ~ 1/100,000 sec.	1/60(1/50) ~ 1/100,000 sec.	1/60(1/50) ~ 1/100,000 sec.	1/60(1/50) ~ 1/670,000 sec.
	Video Output	BNC 1.0Vp-p, 75Ω	BNC 1.0Vp-p, 75Ω	BNC 1.0Vp-p, 75Ω	BNC 1.0Vp-p, 75Ω
	Day/Night	Auto Digital Day/Night	-	-	-
	S/N Ratio	Over 50dB (AGC OFF)	Over 52dB	Over 50dB	Over 46dB (AGC OFF)
	Gamma Correction	0.45	0.45	0.45	0.45
	AGC	Yes	Yes	-	Yes
	AWB	-	ATW (2,000° K~10,500° K)	-	Yes
	BLC	Yes	-	-	-
	HLC	Yes	-	-	-
	DNR	2D	2D	2D	-
Function	WDR	-	D-WDR On	D-WDR On	-
	Digital Zoom	-	-	-	-
	Digital Slow Shutter	-	-	-	-
	Digital Image Stabilization	-	-	-	-
	Privacy Mask	-	-	-	-
	Motion Detection	-	-	-	-
	OSD Supported Language	-	-	-	-
	Mirror	-	-	-	-
General	IR LED (units)	-	-	24 (invisible), 940 nm	-
	IR Distance	-	-	Up to 10 m / 32 ft.	-
	Sync. Mode	Internal	Internal	Internal	Internal
	Weather Resistant	-	-	-	-
	Vandal Resistant	-	-	-	-
	Power Supply	12VDC	12VDC (camera & PIR motion)	12VDC	12VDC
	Max. Power Consumption	70mA, 0.84W	100mA (camera), 25mA (PIR motion)	70mA Nominal / 300mA (IR On)	420mA (5W)
	Operating Temperature	-10°C~50°C / 14°F~122°F	-10°C~50°C / 14°F~122°F	-10°C~50°C / 14°F~122°F	-10°C~50°C / 14°F~122°F
	Dimension (L x D x H)	31 x 24 x 30 mm / 1.22" x 1" x 1.18"	120 x 70 x 48 mm / 4.72" x 2.76" x 1.89"	62 x 75 x 90 mm / 2.4" x 3" x 3.5" (with mount)	100 x 76 mm / 4" x 3" (W x H)
	Weight	25 g / 0.06 lb	130 g / 0.29 lb	120 g / 0.25 lb	100 g / 0.22 lb
	Certification	CE, FCC	-	CE, FCC	CE, FCC

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PTZ Camera



Model Name	36x 960H Speed Dome Camera		36x Speed Dome Camera	33x Speed Dome Camera	
	EPTZ3602	EPTZ3602i	EPTZ3600	EPTZ3100	EPTZ3100i
Horizontal Resolution	700TVL		530TVL	560TVL	
Image Sensor	1/4" Sony 960H Super HAD CCD II		1 / 4" SONY EXview HAD CCD	1 / 4" SONY EXview HAD CCD	
Optical Zoom	36x		36x	36x	
Lens	f = 3.4mm (wide) to 122.4mm (tele), F1.6 to F4.5		f = 3.4mm (wide) to 122.4mm (tele), F1.6 to F4.5	f = 3.3mm (wide) to 116.5mm (tele), F1.6 to F3.5	
Minimum Illumination	Color: 0.1 Lux @ F1.6 ; B/W: 0.05 Lux @ F1.6		Color: 1.4 Lux @ F1.6 ; B/W: 0.1 Lux @ F1.6	Color: 0.7 Lux @ F1.6 ; B/W: 0.07 Lux @ F1.6 (ICR ON)	
Shutter Time	1/60(50) ~ 1/120,000sec.		1 ~ 1/10,000sec.	1/60(50) ~ 1/120,000sec.	
Video Output	BNC, 1Vp-p, 75Ω		BNC, 1Vp-p, 75Ω	BNC, 1Vp-p, 75Ω	
S/N Ratio	> 55dB (AGC off)		> 50dB (AGC off)	> 50dB (AGC off)	
AWB	Yes		Yes	Yes	
BLC	Yes		Yes	Yes	
Scanning System	1020 x 508 (NTSC) ; 1020 x 596 (PAL)		NTSC: 768 x 494 ; PAL: 752 x 582	NTSC : 768 x 494 ; PAL: 752 x 582	
Focus Control	One Push / Auto / Manual		One Push / Auto / Manual	One Push / Auto / Manual	
Horizontal Rotation Speed	0.01° /s ~ 360° /s (1 ~ 255 grade shift gears)		0.01° /s ~ 360° /s (1 ~ 255 grade shift gears)	0.01° /s ~ 360° /s (1 ~ 255 grade shift gears)	
MANUAL Pan / Tilt Speed	Pan: 0.01° ~ 180° /s ; Tilt: 0.01° ~ 180° /s		Pan: 0.01° ~ 180° /s ; Tilt: 0.01° ~ 180° /s	Pan: 0.01° ~ 180° /s ; Tilt: 0.01° ~ 180° /s	
Position Accuracy	± 0.1°		± 0.1°	± 0.1°	
Horizontal Rotation Range	360° unlimited rotation		360° unlimited rotation	360° unlimited rotation	
Tilt Rotation Range	90° pendulum motion		90° pendulum motion	90° pendulum motion	
AUTO Pan Speed	1 ~ 255 grade available, 0.01°/s - 360°/s		1 ~ 255 grade available, 0.01°/s ~ 360°/s	1 ~ 255 grade available, 0.01°/s ~ 360°/s	
Dwell Time (2 points)	1 ~ 99 second available		1 ~ 99 second available	1 ~ 99 second available	
Preset Positions	192 positions		192 positions	192 positions	
Reposition Speed	1 ~ 255 grade available, 0.01°/s ~ 360°/s		1 ~ 255 grade available, 0.01°/s ~ 360°/s	1 ~ 255 grade available, 0.01°/s ~ 360°/s	
Dwell Time at Preset Position	1 ~ 99 second available		1 ~ 99 second available	1 ~ 99 second available	
Tour	16 groups		16 groups	16 groups	
Tour Point per Group	16 preset positions		16 preset positions	16 preset positions	
Pattern	4 patterns with 90sec. long each		4 patterns with 90sec. long each	4 patterns with 90sec. long each	
Alarm	4 in 2 out with tour / position AUTO triggering		4 in 2 out with tour / position AUTO triggering	4 in 2 out with tour / position AUTO triggering	
Communication Speed	1200 / 2400 / 4800 / 9600bps		1200 / 2400 / 4800 / 9600bps	1200 / 2400 / 4800 / 9600bps	
Built-in Protocols	AUTO / EVF/ Pelco-P / Pelco-D / Plus-D / A-Type / Panasonic		AUTO / EVF/ Pelco-P / Pelco-D / Plus-D / A-Type / Panasonic	AUTO / EVF/ Pelco-P / Pelco-D / Plus-D / A-Type / Panasonic	
Speed Dome ID Address	0 ~ 255		0 ~ 255	0 ~ 255	
DNR	Yes		-	Yes	
D-WDR	Yes		Yes	Yes	
RS-485	Yes		Yes	Yes	
Weather Resistance	Outdoor (IP66)	Indoor	Outdoor (IP66)	Outdoor (IP66)	Indoor
Power Supply	24VAC~		24VAC~	24VAC~	
Max. Power Consumption	30W		30W	30W	
Operating Temperature	-40° C ~ 50° C / -40° F ~ 122° F		-40° C ~ 50° C / -40° F ~ 122° F	-40° C ~ 50° C / -40° F ~ 122° F	
Others	Privacy Mask / Motion Detection		Privacy Mask / Motion Detection	Privacy Mask / Motion Detection	

* Models vary in different countries. Please visit EverFocus regional websites for detailed ordering information
 * Lens models and availability vary in different regions * All product specifications are subject to change without notice

Multi-Function Conjunction Box



Model Name	EPTZ-PBOX (For all EPTZ / EPN models)
Weather Resistance	Yes
Vandal Resistance	
Power Source	2 types: 100 ~ 120VAC~ or 220 ~ 240VAC~
Power Output	24VAC~
Max. Power Consumption	3.5amps
Dimensions (W x D x H)	250 x 260 x 85mm / 9.8" x 10.2" x 3.3"
Weight	4.08kg / 9lb ; 4.54kg / 10lb (with 1 ch. encoder)

EverFocus EPTZ-PBOX supports a wide variety of EPTZ / EPN indoor and outdoor mounting accessories. EPTZ-PBOX provides enhanced durability and eliminates complicated cabling in any location.



Compatible with PTZ pole mount



EPTZ series Speed Dome with EPTZ-PBOX



EPTZ-PBM



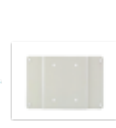
EPTZ-PLM



Compatible with PTZ corner mount



EPTZ series Speed Dome with EPTZ-PBOX



EPTZ-PBM



EPTZ-CNM



Compatible with PTZ wall mount



EPTZ series Speed Dome



EPTZ-PBOX

EPTZ / EPN Standard Outdoor Housing (with sun shield)	EPTZ / EPN Standard Outdoor Housing (without sun shield)	EPTZ / EPN Standard Indoor Housing	
- Compatible with EPTZ-SSM (outdoor sun shield), EPTZ-WMB (wall mount bracket), EPTZ-CNM (corner mount adapter), EPTZ-PLM (pole mount adapter), EPTZ-PBOX (multi-function conjunction box) for diverse ceiling and wall mounts - IP66 Rating - Polycarbonate dome cover (clear / smoked / mirror) - Aluminum die-cast housing	- Compatible with EPTZ-SSM (outdoor sun shield), EPTZ-WMB (wall mount bracket), EPTZ-CNM (corner mount adapter), EPTZ-PLM (pole mount adapter), EPTZ-PBOX (multi-function conjunction box) for diverse ceiling and wall mounts - IP66 Rating (Must shield with EPTZ-SSM when exposed to sunlight) - Polycarbonate dome cover (clear / smoked / mirror) - Aluminum die-cast housing	- Compatible with EPTZ-CMB (concrete ceiling mount adapter), EPTZ-CLM (ceiling pendent mount bracket), EPTZ-ICMB (in-ceiling flush mount bracket) for diverse ceiling and wall mounts - Polycarbonate dome cover - Aluminum die-cast housing	
EPTZ-CMB Indoor Concrete Ceiling Mount Adapter (EPTZ / EPN Indoor only)	EPTZ-CNM Corner Mount Adapter (For all EPTZ / EPN models)	EPTZ-ICMB Indoor In-Ceiling Mount Bracket (EPTZ / EPN Indoor only)	EPTZ-SSM Outdoor Sun Shield (EPTZ / EPN Outdoor only)
- Ceiling mount adapter for indoor EPTZ / EPN - Aluminum die-cast housing	- Compatible with EPTZ-WMB and EPTZ / EPN - Stainless steel	- Can be installed as flush & recessed ceiling mounting - Aluminum die-cast housing - Plastic decorative flange	- Outdoor housing for EPTZ / EPN - Aluminum die-cast housing
EPTZ-PLM Pole Mount Adapter (For all EPTZ / EPN models)	EPTZ-WMB Wall Mount Bracket (For all EPTZ / EPN models)	EPTZ-CLM Indoor Ceiling Pendent Pole Mount Bracket EPTZ-BKAGR Wall Mount Bracket Adapter (EPTZ / EPN Indoor only)	
- Compatible with EPTZ-WMB and EPTZ / EPN - Stainless steel	- Compatible with EPTZ / EPN - Waterproof with aluminum die-cast housing	- Shall be together with top housing adapter to mount standard indoor housing on ceiling - Aluminum die-cast housing	

5.6" Color TFT LCD Test Monitor & Service Kit



Model Name	EN200 / EN220
Pixel Type	A-Si Active Matrix TFT
Contrast Ratio	85:01:00
Brightness	270cd / m ²
Sound Input	200mW (built-in 4cm speaker)
Terminal Input	Power; Video & Audio Input
Video Input	0.75 Vp-p ~ 1 Vp-p
Audio Input	50mV min., Stereo In
Stereo Output	Ear phone
Max. Power Consumption	12VDC, 600mA (8W)
Power Source	9 ~ 20VDC
Operating Temperature	0°C ~ 60°C / 32°F ~ 140°F
Dimensions (W x D x H)	162 x 54 x 133mm / 6.4" x 2.1" x 5.2"

SATA Bay Storage Expansion



Model Name	EDA450
Form Factor	1U 19"
HDD Bays	4 x 3.5", Max. 24TB (Depend on DVR models)
Host Interface & Transfer Rate	eSATA (3Gb/s), SATA I, SATA II & SATA III
Power Supply	150W x 1 (100 ~ 240VAC~)
Status Indicators	4 LEDs for HDD, Power LED
Dimensions (W x D x H)	482.6 x 381 x 43.1mm / 19" x 15" x 1.7"
Weight	5.4kg / 12lb
Certificates	CE, FCC

Multi-Function Control Keyboard



Model Name	EKB500
Power Source	12VDC, 10W
Device Control	PTZ Speed Domes, DVRs and Monitors
Protocols	Pelco-D, Pelco-P, EverFocus Enhanced Protocols
Remote Control	RS-232 / RS-485
Integration	Up to 8 keyboard cascading connection

Dome Camera Brackets



Model Name	BA-ED05 (L x H)	BA-EHD+W (L x H)	BA-EHD+ (L x H)
Description Support	L-Shaped Plastic bracket Black, Cool Gray 1C 170 x 86mm / 6.69" x 3.39"	Aluminum alloy stent / Apple white Max. load: 79kg / 174.17lb 178 x 28.4mm / 7.01" x 1.12"	L-Shaped bracket, Cool grey white Max. load: 79kg / 174.17lb 178 x 28.4mm / 7.01" x 1.12"
Camera	EDH5101	EHD930/935, EDN3160/3260/3340, EHN3261/3361	For EDN / EHN IP Cam

Box Camera Brackets



Bullet Camera Brackets



Model Name	BA-01 (W x H)	BA-03 (W x H)	BA-05 (W x H)	BA-EZN
Description	Mounting bracket, Aluminum. Max. load: 3kg / 6.6lb 57 x 165mm / 2.2" x 6.5"	Mounting bracket, Plastic. Max. load: 35kg / 7.7lb 80 x 160mm / 3.1" x 6.3"	Mounting bracket, Aluminum. Max. load: 10kg / 22lb 84 x 294mm / 3.3" x 11.6"	EZN small bullet bracket accessory Max. load: 990g / 2.18lb 137 x 105.5 x 105mm / 5.39" x 4.15" x 4.13"

Hard Drive Reader



Model Name	EPR120
Product Supported	EverFocus' Mobile DVRs
Device Support	SATA I/II Hard Drive
Device Size:	2.5" or 3.5"
Internal Interface:	SATA
External Interface:	USB 3.0 (Backwards Compatible with USB 2.0 & 1.1)
HD Capacity:	Up to 2.0TB
Power	AC Adapter
Dimensions	78 x 60 x 16mm / 3.07" x 2.36" x 0.63"
OS Support	Windows® XP/Vista, 7 (32/64-bit)

Other Adapter / Junction Box



Model Name	PBOX-A30W
Description	Junction Box 139 x 33.5mm / 5.47" x 1.32"
Camera	EHD930 / EHH5101



Model Name	EN8019	EN8022	EN8024	EN7527SP
Digonal Size	19"	22"	24"	27"
Display Resolution	1280 × 1024	1920 × 1080	1920 × 1080	1920 × 1080
Brightness	250cd/m²	250cd/m²	250cd/m²	250cd/m²
Pixel Pitch	0.294 (H) × 0.294 (V)	248.25 (H) × 248.25 (V)	284.25 (H) × 284.25 (V)	0.28mm
Display Color	16.7M	16.7M	16.7M	16.7M
Contrast Ratio	1000 : 1	1000 : 1	1000 : 1	1000 : 1
Aspect Ratio	4 : 3	16 : 9	16 : 9	16 : 9
Viewing Angle (H/W)	170° / 160°	170° / 160°	170° / 160°	170° / 170°
Response Time	5ms	5ms	5ms	2ms
Video In / Out (BNC Type)	2 / 1	2 / 1	2 / 1	1 / 1
VGA In / Out	1 / -	1 / -	1	1 / -
HDMI In	1	1	1	1
Audio In / Out	1 / 1	1 / 1	1 / 1	1 / 1
Speaker	2	2	2	2
3D Comb Filter	Yes	Yes	Yes	Yes
3D De-Interlace	Yes	Yes	Yes	Yes
Multi-Language	English, Espaol, Franais, Italiano, Chinese, Deutsch	English, Espaol, Franais, Italiano, Chinese, Deutsch	English, Espaol, Franais, Italiano, Chinese, Deutsch	English, Espaol, Franais, Italiano, Chinese, Deutsch
Vesa Mounts Size	100mm	100mm	100mm	100mm
Electrical Ratings	12VDC 3A	12VDC 3A	12VDC 3A	12VDC 5A
Max. Power Consumption	36W	36W	36W	50W
Dimensions (L × W × H)	418 × 165 × 405mm / 16.46" × 6.50" × 15.95"	515 × 155 × 388mm / 20.28" × 6.10" × 15.28"	567 × 155 × 417mm / 22.32" × 6.10" × 16.42"	653 × 188 × 462mm / 25.71" × 7.40" × 18.19"
Weight	3.98kg / 8.77lb	4.05kg / 8.93lb	5.11kg / 11.27lb	6.86kg / 15.12lb
Certificates	CE, FCC, RoHs	CE, FCC, RoHs	CE, FCC, RoHs	CE, FCC, RoHs



Model Name	EPHD04+	EPHD08+	EPHD16+U
HD-SDI Camera Inputs	4 BNC	8 BNC	16 BNC
Compression	H.264, M-JPEG	H.264	H.264
Dual Streaming	Yes	Yes	Yes
Audio Input / Output	4 / 1	4 / 1	8 / 2
Video Output	HDMI x 1 / VGA x 1	HDMI x 1 / VGA x 1	HDMI x 1 / VGA x 1 / CVBSx 1
Rate / Resolution	NTSC: 120fps @ 1080p ; PAL: 100fps @ 1080p	NTSC: 240fps @ 1080p ; PAL: 200fps @ 1080p	NTSC: 480fps @ 1080p ; PAL: 400fps @ 1080p
Alarm Input / Output	4 / 2	8 / 4	16 / 4
Video Pause	Yes	Yes	Yes
Video Loss Detection	Yes	Yes	Yes
Motion Detection	Yes	Yes	Yes
Event Log	Yes	Yes	Yes
Watch Dog Timer	Yes	Yes	Yes
Network / Protocol	1Gb Ethernet x 2 / TCP-IP / DHCP / PPPoE / DDNS / UDP / SMTP / RTP / RTSP / NTP	1Gb Ethernet x 2 / TCP-IP / DHCP / PPPoE / DDNS / UDP / SMTP / RTP / RTSP / NTP	1Gb Ethernet x 1 / TCP-IP / DHCP / PPPoE / DDNS / UDP / RTP / RTSP / SMTP / NTP
Internal HDD	3.5" HDD x 2	3.5" HDD x 4	3.5" HDD x 6 (Max. 24 TB)
External HDD	eSATA x 1 (optional: EDA450)	eSATA x 1 (optional: EDA450)	eSATA x 1 (optional: EDA450)
Built-in DVD Burner	1 (optional)	1 (optional)	-
USB	USB 2.0 x 2	USB 2.0 x 2	USB 2.0 x 2
RS-232 / RS-485	1 / 1	1 / 1	- / 1
Schedule Settings	Express & Advanced settings	Express & Advanced settings	Express & Advanced settings
User Interface	GUI	GUI	GUI
Pentaplex Operation	Simultaneous Live, Recording, Playback, Archive and Remote Viewing	Simultaneous Live, Recording, Playback, Archive and Remote Viewing	Simultaneous Live, Recording, Playback, Archive and Remote Viewing
Configuration Method	OSD UI / Webpage	OSD UI / Webpage	OSD UI / Webpage
PTZ Protocols Supported	EverFocus, Pelco D, Pelco P, Samsung, Transparent	EverFocus, Pelco D, Pelco P, Samsung, Transparent	Pelco D, Pelco P, Samsung, Transparent
Max. Power Consumption	12VDC 60W	100 ~ 240VAC ~ 150W	100 ~ 240VAC ~ 250W
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
Dimensions (L x W x H)	214 x 316 x 99mm / 8.42" x 12.44" x 3.89"	423 x 430 x 95mm / 16.65" x 16.93" x 3.74"	395 x 430 x 79.51mm / 15.6" x 16.9" x 3.2"
Weight	2.5kg / 6lb	802kg / 20.83lb	6.0kg / 13.23lb
Certificates	CE, FCC, UL	CE, FCC, UL	CE, FCC



Model Name	EQH5102	EZH5102	EBH5102	EDH5102	EDH5101	EHH5101
Megapixel	2.1MP	2.1MP	2.1MP	2.1MP	2.1MP	2.1MP
Image Sensor	1/3" Panasonic color CMOS	1/3" Panasonic color CMOS	1/3" Panasonic color CMOS	1/3" Panasonic color CMOS	1/3" Panasonic color CMOS	1/3" Panasonic color CMOS
Image Pixels	1920 (H) × 1080 (V)	1920 (H) × 1080 (V)	1920 (H) × 1080 (V)	1920 (H) × 1080 (V)	1920 (H) × 1080 (V)	1920 (H) × 1080 (V)
Resolution	1080p (30 / 25), 720p (60 / 50)	1080p (30 / 25), 720p (60 / 50)	1080p (30 / 25), 720p (60 / 50)	1080p (30 / 25), 720p (60 / 50)	1080p (30 / 25), 720p (60 / 50)	1080p (30 / 25), 720p (60 / 50)
Lens	DC / Manual (Megapixel lens sold separately)	3.6mm, F1.2	3.6mm, F1.8 ; 0 Lux	2.8mm, F2.0	3.3 ~ 12mm, F1.4	3.3 ~ 12mm, F1.4 ; 0 Lux
Minimum Illumination	0.1 Lux @ F1.8	0.1 Lux @ F1.8	0.1 Lux @ F1.8 (IR on)	0.1 Lux @ F2.0	0.1 Lux @ F1.8	0.1 Lux @ F1.8 (IR on)
ShutterTime	1/25(30) ~ 1/120,000sec.	1/25(30) ~ 1/120,000sec.	1/25(30) ~ 1/120,000sec.	1/25(30) ~ 1/120,000sec.	1/25(30) ~ 1/120,000sec.	1/25(30) ~ 1/120,000sec.
Video Output	HD-SDI: BNC Analog(Test Out): CVBS	HD-SDI: BNC Analog(Test Out): CVBS	HD-SDI: BNC Analog (Test Out): CVBS	HD-SDI: BNC Analog (Test Out): CVBS	HD-SDI: BNC	HD-SDI: BNC Analog (Test Out): CVBS
S/N Ratio	> 50dB (AGC off)	> 50dB (AGC off)	> 50dB (AGC off)	> 50dB (AGC off)	> 50dB (AGC off)	> 50dB (AGC off)
IR LED (units)	-	42	23	-	-	30
IR Distance	-	15m / 50ft.	15m / 50ft.	-	-	20m / 65ft.
AWB	Yes	Yes	Yes	Yes	Yes	Yes
BLC	Yes	Yes	Yes	Yes	Yes	Yes
DNR	3DNR	3DNR	3DNR	3DNR	3DNR	3DNR
Lens Shading Compensation	Yes	Yes	Yes	Yes	Yes	Yes
Digital Zoom	1.0x ~ 64.0x	1.0x ~ 64.0x	1.0x ~ 64.0x	1.0x ~ 64.0x	1.0x ~ 64.0x	1.0x ~ 64.0x
SENS-UP	-	-	-	-	-	-
Image Flip	-	-	-	-	-	-
RS-485	Yes	Yes	Yes	Yes	Yes	Yes
Weather Resistance	-	IP66	IP66	-	-	IP66
Max. Power Consumption	12VDC 220mA 2W	12VDC 600mA 6W	12VDC 480mA 5W	12VDC 220mA 2W	12VDC 220mA 3W	12VDC 1400mA 17W
Operating Temperature	0° C ~ 45° C / 32° F ~ 113° F	-10° C ~ 45° C / 14° F ~ 113° F	-10° C ~ 45° C / 14° F ~ 113° F	-10° C ~ 45° C / 14° F ~ 113° F	-10° C ~ 50° C / 14° F ~ 122° F	-40° C ~ 50° C / -40° F ~ 122° F
Others	Privacy Mask, Motion Detection	Privacy Mask, Motion Detection	Privacy Mask, Motion Detection	Privacy Mask, Motion Detection	Privacy Mask, Motion Detection	Privacy Mask, Motion Detection



Model Name	EHA-CRX	EHA-RPT
Functionality	HD-SDI to HDMI converter / repeater	HD-SDI repeater
Type	HD-SDI in to HDMI out / HD-SDI out	HD-SDI in to HD-SDI out / HD-SDI out
Video Bandwidth	Up to 1.5Gbps	Up to 1.5Gbps
Video Support	720p @ 50 / 59.94 / 60Hz, 1080i @ 50 / 59.94 / 60Hz, 1080p @ 25 / 30Hz	720p @ 50 / 59.94 / 60Hz, 1080i @ 50 / 59.94 / 60Hz, 1080p @ 25 / 30Hz
Input Signal	HD-SDI and SMPTE 292M / 296M	HD-SDI and SMPTE 292M / 296M
Output Signal	HDMI / HD-SDI	HD-SDI and SMPTE 292M
Input Connector	1 x BNC 75 Ω inter-locked socket	1 x BNC 75 Ω inter-locked socket
Output Connector	1 x HDMI Type A [19-pin female]; 1 x BNC 75 Ω inter-locked socket	2 x BNC 75 Ω inter-locked socket
Housing	Metal case	Metal case
Max. Power Consumption	12VDC 2W	12VDC 3W
Operation Temperature	0° C ~ 50° C / 32° F ~ 122° F	0° C ~ 50° C / 32° F ~ 104° F
Dimensions (W x D x H)	77 x 117 x 38mm / 3" x 4.6" x 1.5"	77.4 x 146.2 x 38.4mm / 3" x 5.8" x 1.5"
Weight	200g / 0.45lb	200g / 0.45lb
Certificates	CE, FCC	CE, FCC

* Products need to be used in conjunction with the Fiber modules.

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Hybrid

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Hybrid

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Hybrid

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Model Name	EMV160I	EMV80I	EMV40I	EMV400S	EMV200S
Number of Channels	16 CH (Analog + IP: Max. 8)	8 CH (Analog + IP)	4 CH (Analog + IP)	4 CH	2 CH
Video Compression	H.264 / MJPEG	H.264 / MJPEG	H.264 / MJPEG	H.264	H.264
Audio Inputs / Outputs	16 / 1 (RCA)	8 / 1 (RCA)	4 / 1 (RCA)	4 / 1 (RCA)	2 / 1 (RCA)
Video Output	Main Monitor: BNC x 1 / RCA x 1 / VGA x 1 Call Monitor: BNC x 1	Main Monitor: BNC x 1 / RCA x 1 / VGA x 1 Call Monitor: BNC x 1	Main Monitor: BNC x 1 / RCA x 1 / VGA x 1 Call Monitor: BNC x 1	BNC x 1	BNC x 1
Recording Resolution	NTSC: 960 x 480 / 704 x 480 / 704 x 240 / 352 x 240 PAL: 960 x 576 / 704 x 576 / 704 x 288 / 352 x 288 IP: 1080p / 720p / DI	NTSC: 960 x 480 / 704 x 480 / 704 x 240 / 352 x 240 PAL: 960 x 576 / 704 x 576 / 704 x 288 / 352 x 288 IP: 1080p / 720p / DI	NTSC: 960 x 480 / 704 x 480 / 704 x 240 / 352 x 240 PAL: 960 x 576 / 704 x 576 / 704 x 288 / 352 x 288 IP: 1080p / 720p / DI	NTSC: 704 x 480 / 704 x 240 / 352 x 240 PAL: 704 x 576 / 704 x 288 / 352 x 288	NTSC: 704 x 480 / 704 x 240 / 352 x 240 PAL: 704 x 576 / 704 x 288 / 352 x 288
Recording Rate	Analog: 480fps NTSC / 400fps PAL IP: 30fps/ch @ resolution of 1080p (Max: 240fps)	Analog: 480fps NTSC / 400fps PAL IP: 30fps/ch @ resolution of 1080p (Max: 240fps)	Analog: 480fps NTSC / 400fps PAL IP: 30fps/ch @ resolution of 1080p (Max: 240fps)	120fps NTSC / 100fps PAL (DI) 240fps NTSC / 200fps PAL (2CIF) 480fps NTSC / 400fps PAL (CIF)	120fps NTSC / 100fps PAL (DI) 240fps NTSC / 200fps PAL (2CIF) 480fps NTSC / 400fps PAL (CIF)
Pre Alarm Recording	Yes	Yes	Yes	Yes	Yes
Playback Mode	Duplex	Duplex	Duplex	Simplex	Simplex
Alarm Inputs / Outputs	16 / 2	8 / 2	4 / 2	4 / 1	2 / 1
Video Loss Detection	Yes	Yes	Yes	Yes	Yes
Event Alarm	Yes	Yes	Yes	Yes	Yes
Networking	RJ45 socket x 2 (1GB)	RJ45 socket x 2 (1GB)	RJ45 socket x 2 (1GB)	RJ45 socket x 1	RJ45 socket x 1
Wireless	Optional	Optional	Optional	-	-
3G Network Support	Optional	Optional	Optional	External USB (Optional)	External USB (Optional)
GPS Function	Optional	Optional	Optional	Optional	Optional
Storage	HDD: 3.5" HDD x 1 or 2.5" HDD x 1 (Max. 4TB) SD Card: Up to 128GB (SDXC)	HDD: 3.5" HDD x 1 or 2.5" HDD x 1 (Max. 4TB) SD Card: Up to 128GB (SDXC)	HDD: 3.5" HDD x 1 or 2.5" HDD x 1 (Max. 4TB) SD Card: Up to 128GB (SDXC)	Support SD / SDHC / SDXC card x 1	Support SD / SDHC / SDXC card x 1
Interfaces	RS-232 x 1, RS-485 x 1, USB x 3	RS-232 x 1, RS-485 x 1, USB x 3	RS-232 x 1, RS-485 x 1, USB x 3	RS-232, terminal block, USB x 2	RS-232, terminal block, USB x 2
G Sensor	Yes	Yes	Yes	Yes	Yes
PTZ control	Yes	Yes	Yes	-	-
Power Source	10 ~ 35VDC 20W / 60W (Heater On)	10 ~ 35VDC 20W / 60W (Heater On)	10 ~ 35VDC 20W / 60W (Heater On)	10 ~ 32VDC 3.6W	10 ~ 32VDC 3.6W
Operating Temperature	-40° C ~ 55° C / -40° F ~ 131° F	-40° C ~ 55° C / -40° F ~ 131° F	-40° C ~ 55° C / -40° F ~ 131° F	-10° C ~ 55° C / 14° F ~ 131° F	-10° C ~ 55° C / 14° F ~ 131° F
Dimensions (W x D x H)	210 x 260 x 70mm / 8.27" x 10.22" x 2.76"	210 x 260 x 70mm / 8.27" x 10.22" x 2.76"	210 x 260 x 70mm / 8.27" x 10.22" x 2.76"	131 x 38.4 x 153mm / 5.15" x 1.5" x 6.02"	131 x 38.4 x 153mm / 5.15" x 1.5" x 6.02"
Weight	3.65kg / 8.05lb (with mounting bracket) 3.2kg / 7.05lb (without mounting bracket)	3.65kg / 8.05lb (with mounting bracket) 3.2kg / 7.05lb (without mounting bracket)	3.65kg / 8.05lb (with mounting bracket) 3.2kg / 7.05lb (without mounting bracket)	600g / 1.32lb	600g / 1.32lb
Certificates	CE, FCC, EN50155, E-Mark	CE, FCC, EN50155, E-Mark	CE, FCC, EN50155, E-Mark	CE, FCC	CE, FCC



Model Name	EMV1200	EMV800 / EMV800W (Wi-Fi)	EMV400 / EMV400W (Wi-Fi)
Number of Channels	12 CH	8 CH	4 CH
Video Compression	H.264, M-JPEG	H.264	H.264
Audio Inputs / Outputs	12 / 1 (RCA)	8 / 1 (RCA)	4 / 1 (RCA)
Video Output	BNC x 1 / RCA x 1	BNC x 2 / RCA x 1	BNC x 1 / RCA x 1
Recording Resolution	NTSC: 704 x 480 / 704 x 240 / 352 x 240 PAL: 704 x 576 / 704 x 288 / 352 x 288	NTSC: 704 x 480 / 720 x 240 / 360 x 240 PAL: 704 x 576 / 704 x 288 / 352 x 288	NTSC: 704 x 480 / 720 x 240 / 360 x 240 PAL: 720 x 576 / 720 x 288 / 360 x 288
Recording Rate	360fps NTSC / 300fps PAL (D1) 360fps NTSC / 300fps PAL (2CIF) 360fps NTSC / 300fps PAL (CIF)	240fps NTSC / 200fps PAL (D1) 480fps NTSC / 400fps PAL (2CIF) 960fps NTSC / 800fps PAL (CIF)	60fps NTSC / 150fps PAL (D1) 120fps NTSC / 100fps PAL (2CIF) 240fps NTSC / 200fps PAL (CIF)
Pre Alarm Recording	Yes	Yes	Yes
Playback Mode	Simplex	Simplex	Simplex
Alarm Inputs / Outputs	12 / 2	8 / 2	6 / 2
Video Loss Detection	Yes	Yes	Yes
Event Alarm	Yes	Yes	Yes
Ethernet	RJ45 socket x 2	RJ45 socket x 1	RJ45 socket x 1
Wi-Fi	-	EMV800W 802.11b/g Wi-Fi	EMV400W 802.11b/g Wi-Fi
3G	External USB (Optional)	External USB (Optional)	External USB (Optional)
Storage	3.5" HDD x 1 or 2.5" HDD x 1	3.5" HDD x 1 or 2.5" HDD x 1	2.5" HDD x 1
Interfaces	RS-232 x 1, RS-485 x 1, USB x 2, GPS port	RS-232 x 2, RS-485 x 1, USB x 3, GPS port	RS-232 x 2, RS-485 x 1, USB x 3, GPS port
G Sensor	Yes	Yes	Yes
PTZ control	Yes	Yes	Yes
GPS Function	Optional GPS receiver	Optional GPS receiver	Optional GPS receiver
Power Source	10 ~ 35VDC 20W / 60W (Heater on)	10 ~ 32VDC 20W / 60W (Heater on)	10 ~ 32VDC 7.2W / 42.2W (Heater on)
Operating Temperature	-40° C ~ 55° C / -40° F ~ 131° F	-40° C ~ 55° C / -40° F ~ 131° F	-40° C ~ 55° C / -40° F ~ 131° F
Dimensions (W x D x H)	210 x 260 x 70mm / 8.27" x 10.22" x 2.76"	312 x 298 x 164mm / 12.29" x 11.75" x 6.47"	272 x 145 x 224mm / 10.7" x 5.7" x 8.8"
Weight	3.65kg / 8.05lb	3.65kg / 8.05lb	2.15kg / 4.74lb
Certificates	CE, FCC, EN50155, SAE-J1455, E-Mark	CE, FCC	CE, FCC



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Model Name	EMD332	EMD432	EMD335
Horizontal Resolution	600TVL	700TVL	720TVL
Image Sensor	1/3" Sony Super HAD CCD II	1/3" SONY Color Super HAD II CCD	1/3" SONY Exview HAD II 960H CCD
Image Pixels	"NTSC: 768 x 494 PAL: 752 x 582 "	976 x 494 (NTSC), 976 x 582 (PAL)	976 x 494 (NTSC), 976 x 582 (PAL)
Lens	3.4mm pinhole lens	3.6mm	2.8 / 3.6mm
Minimum Illumination	0.00032 Lux @ F=1.2 ; 0.00001 Lux (Sens-up 32x) ; 0 Lux (IR LED on)	0 Lux (IR LED on); 0.1 Lux native from sensor	0 Lux (IR LED on); 0.05 Lux native from sensor
Shutter Time	1/50 (1/60) ~ 1/10,000sec.	1/60 (1/50) ~ 1/100,000sec.	1/60 (1/50) ~ 1/100,000sec.
Video Output	BNC 1.0Vp-p, 75Ω	BNC 1.0Vp-p, 75Ω	BNC 1.0Vp-p, 75Ω
S/N Ratio	> 52dB (AGC off)	> 50dB (AGC off)	> 52dB (AGC off)
AWB	Yes	Yes	Yes
IR LED (units)	10	12	6
IR Distance	" Indoor : 10m / 32.8 ft. ; Outdoor : 5m / 16.4 ft."	8m / 26ft.	10m / 32ft.
Viewing Direction IR LEDs Direction	-	-	-
Weather Resistance	IP67	IP67	IP66
Vandal Resistance	Yes	Yes	Yes
Max. Power Consumption	12VDC 3W	12VDC 1.8W	12VDC 1.5W
Operating Temperature	-10° C ~ 50° C / 14° F ~ 122° F	-10° C ~ 50° C / 14° F ~ 122° F	-20° C ~ 55° C / -4° F ~ 131° F
Others	-	Privacy Mask / Motion Detection	Privacy Mask / Motion Detection



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	STANDALONE SINGLE DOOR w/EMBEDDED NETWORK PORT	STANDALONE SINGLE DOOR w/EXTERNAL NETWORK PORT	EXPANDABLE STANDALONE 2-8 DOOR	STANDALONE FINGERPRINT
Model Name	EFC-301	EFC-301FR	EFC-302	EBC910R
Number of Cards (max.)	100,000	100,000	100,000	10,000
Number of Log Entries (max.)	1,000,000	1,000,000	1,000,000	1,000,000
Number of Readers Supported	-	-	2 (expandable to 8)	1
Operating System	Linux embedded database with 512M memory	Linux embedded database with 512M memory	Linux embedded database with 512M memory	Linux embedded database with 512M memory
Web-based Functions	Configuration, monitoring and management	Configuration, monitoring and management	Configuration, monitoring and management	Configuration, monitoring and management
Number of Connected Control Units (max.)	-	-	Up to 31 Flex controllers	-
Fingerprint Indification Time	-	-	-	1:1 < 1 sec; 1:N < 2 sec
Error Rate	-	-	-	0.00001%
Automatic Finger Detection Feature	-	-	-	Yes
Number of Controllable Doors	1	1	2 (expandable to 8)	1
Card Reader Signal Format	-	-	Wiegand adaptive or RS-232	Wiegand 26 or RS-232
Alarm Input/Output	I/I (may be configured as a general or fire alarm)	I/I (may be configured as a general or fire alarm)	2-10 / 2-18 channels, expandable (may be configured as a general or fire alarm)	5/I (may be configured as a general or fire alarm)
Communication Interface	10/100MB Ethernet with RJ-45 port	10/100MB Ethernet with RJ-45 port	10/100MB Ethernet with RJ-45 port	10/100MB Ethernet with RJ-45 port
Programmable Time Interval	10 intervals per day with 1 minute minimum per interval	10 intervals per day with 1 minute minimum per interval	10 intervals per day with 1 minute minimum per interval	10 intervals per day with 1 minute minimum per interval
Programmable Date	3 types available with up to 384 types of date configurations	3 types available with up to 384 types of date configurations	3 types available with up to 384 types of date configurations	3 types available with up to 384 types of date configurations
Group	2048	2048	2048	2048
Multiple Card Access	Yes	Yes	Yes	Yes
Door Area Interlocking	-	-	Yes	Yes
Expiration of Card	Yes	Yes	Yes	Yes
Daylight Savings Time	Yes	Yes	Yes	Yes
Anti-Passback	-	-	Yes	Yes
Anti-Duress	Yes	Yes	Yes	Yes
LCD Display	Backlit, 4x16 English/Russian, 4x8 Chinese	Backlit, 4x16 English/Russian, 4x8 Chinese	Backlit, 2x8 English/Russian, 2x9 Chinese	Backlit, 2x20 English/Russian, 2x10 Chinese
Door Relay Current	4A	4A	5A	5A
Alarm Relay Current	4A	4A	2A	2A
Power	POE power supply, DC12V±15%, Max 1A	POE power supply, DC12V±15%, Max 1A	DC12V±15%, Max 2A	POE power supply, DC12V±15%, Max 1A
Dimension (L x W x H)	123 x 77 x 20 mm / 5" x 3" x 1"	205 x 100 x 26 mm / 8.1" x 4" x 1" (network port) 123 x 77 x 20 mm / 5" x 3" x 1" (reader)	300 x 216 x 33 mm / 12" x 8.5" x 1.3"	179 x 77 x 48 mm / 7" x 3" x 2"



	SINGLE GANG PROXIMITY READER	SINGLE GANG PROXIMITY READER WITH KEYPAD	MULLION STYLE PROXIMITY READER	DESKTOP USB CARD READER
Model Name	ERR-871-NRB	ERK-871-NRB	ERM-871-MRB	ERU-871
Frequency	125 KHz	125 KHz	125 KHz	125 KHz
Data Format	64 bit	64 bit	64 bit	64 bit
Read Range	5~10cm	5~10cm	5~10cm	5~10cm
Read/Write Time	200 ms	200 ms	200 ms	200 ms
Output Format	Wiegand 26 or RS-232 for EverAccess controller	Wiegand 26 or RS-232 for EverAccess controller	Wiegand 26 or RS-232 for EverAccess controller	With the analog USB keyboard interface a DIP switch can be configured to specify the output format
Audio	Built-in buzzer; 2 KHz	Built-in buzzer; 2 KHz	Built-in buzzer; 2 KHz	Built-in buzzer; 2 KHz
Display	-	-	-	-
Indicator	3 LEDs - Red: Power supply, Green: Card being read, Yellow: External control line	3 LEDs - Red: Power supply, Green: Card being read, Yellow: External control line	3 LEDs - Red: Power supply, Green: Card being read, Yellow: External control line	1 LED, with dual red/green
Power Supply	DC 9V ~ 15V	DC 9V ~ 15V	DC 9V ~ 15V	DC 5V (via USB interface)
Power Consumption	150mA	150mA	150mA	50mA
Operating Temperature	-10° C ~ 50° C / 14° F ~ 122° F	-10° C ~ 50° C / 14° F ~ 122° F	-10° C ~ 50° C / 14° F ~ 122° F	-10° C ~ 50° C / 14° F ~ 122° F
Tamper Switch	Yes	Yes	Yes	Yes
Interface Port	9-pin cable	9-pin cable	9-pin cable	9-pin cable
Keyboard	-	3x4 fully integrated	3x4 fully integrated	3x4 fully integrated
Dimension (L x W x H)	123 x 77 x 19 mm / 4.9" x 3" x 0.76"	123 x 77 x 21 mm / 4.9" x 3" x 0.85"	140 x 40 x 24 mm / 5.52" x 1.58" x 0.95"	80 x 52 x 15 mm / 3.15" x 2.05" x 0.95"

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	TOUCH PANEL CARD READER	OLED TOUCH PANEL CARD READER
Model Name	ERK-971	ERL-971
Frequency	125 KHz	125 KHz
Data Format	64 bit	64 bit
Read Range	5~10cm	5~10cm
Read/Write Time	200 ms	200 ms
Output Format	Wiegand 26 or RS-232 for EverAccess controller	Wiegand 26 or RS-232 for EverAccess controller
Audio	Built-in buzzer; 2 KHz	Built-in buzzer; 2 KHz
Display	-	OLED (4x16 English/Russian, 4x8 Chinese)
Indicator	3 LEDs - Red: Power supply, Green: Card being read, Yellow: External control line	3 LEDs - Red: Power supply, Green: Card being read, Yellow: External control line
Power Supply	DC 9V ~ 15V	DC 9V ~ 15V
Power Consumption	150mA	150mA
Operating Temperature	-10° C ~ 50° C / 14° F ~ 122° F	-10° C ~ 50° C / 14° F ~ 122° F
Tamper Switch	Yes	Yes
Interface Port	9-pin cable	9-pin cable
Keyboard	-	3x4 fully integrated
Dimension (L x W x H)	123 x 77 x 21 mm / 4.9" x 3" x 0.85"	123 x 77 x 21 mm / 4.9" x 3" x 0.85"

ERK-971 Features

- Streamline design to support touch panel
- Wiegand 26 or RS232 data format
- 3 LED indicator lights
- 3x4 smart touch panel
- Equipped with built-in buzzer
- TVS for protection against transient absorption power up to 500W

ERL-971 Features

- Streamline design to support touch panel
- Supports OLED display
- Wiegand 26 or RS232 data format
- Supports English, Chinese, and Russian display (must be used in conjunction with EverFocus controllers)
- 3 LED indicator lights
- 3x4 smart touch panel
- Equipped with built-in buzzer
- TVS for protection against transient absorption power up to 500W

Flex II Management Software



Features

- Standalone EverAccess management software
- Windows compatible
- Supports various database interface: MS SQLServer, Oracle, Access, and MySQL
- Supports database backup & restore
- Intuitive GUI with vista-style icons for simple navigation
- Multi-language support
- Supports up to 1016 readers
- Readers and controllers are easily networked via TCP/IP
- User-friendly real-time electronic map display for door and controlled areas
- Supports anti-duress password access function
- Supports arbitrary resizing of window and operating area
- Quick configuration for entrances, exits, alarm zones, and card readers
- Practical and easy-to-operate attendance management functions
- Software is included with any controller purchase

Proximity Cards



Model Name	EAC-100	EAC-200	EAK-110
Description	Thin Proximity Card	Thick Proximity Card	Proximity Keyfob

2-Door Access Control Kits

Model Name	NAV-02-1A	NAV-02-1B	NAV-02-1C
Description	Includes: 1 controller (EFC-302) 2 mullion readers (ERM-871-MRB) 1 desktop reader (ERU-871)	Includes: 1 controller (EFC-302) 2 single gang readers (ERR-871-NRB) 1 desktop reader (ERU-871)	Includes: 1 controller (EFC-302) 1 single gang reader (ERR-871-NRB) 1 keypad reader (ERK-871-NRB) 1 desktop reader (ERU-871)

4-Door Access Control Kits

Model Name	NAV-04-1A	NAV-04-1B	NAV-04-1C	NAV-04-1D	NAV-04-1E
Description	Includes: 1 controller (EFC-302) w/pre-installed 2 door expansion 4 mullion readers (ERM-871-MRB) 1 desktop reader (ERU-871)	Includes: 1 controller (EFC-302) w/pre-installed 2 door expansion 4 single gang readers (ERR-871-NRB) 1 desktop reader (ERU-871)	Includes: 1 controller (EFC-302) w/pre-installed 2 door expansion 2 single gang readers (ERR-871-NRB) 2 keypad readers (ERK-871-NRB) 1 desktop reader (ERU-871)	Includes: 1 controller (EFC-302) w/pre-installed 2 door expansion 2 single gang readers (ERR-871-NRB) 2 mullion readers (ERM-871-MRB) 1 desktop reader (ERU-871)	Includes: 1 controller (EFC-302) w/pre-installed 2 door expansion 2 mullion readers (ERM-871-MRB) 2 keypad readers (ERK-871-NRB) 1 desktop reader (ERU-871)

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Your Safety, Our Focus

"Your Safety, Our Focus" is our motto and defines what EverFocus stands for. Our vision is to bring safety to our life through innovative ideas and advanced technology in order to create a safer world for everyone with our surveillance products.

Our mission is to focus on excellence in our product and services; provide rapid response with optimal solution to meet customers' satisfaction, and continue to create value with our core competence in Safety and Information Technology. We are focusing on creating a safe environment in various vertical markets by providing the industry with great products, and on innovation solutions. When it comes to security equipment, go with the name you trust; go with the name that focused on your safety. Thank you for your continued support. We look forward to serve all of your security needs for years to come.

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