

EDN Plus Series



EDN3160

- 1.3 Megapixel + Wide Dynamic
- IR Day/Night, Auto Iris 3-9mm
- 3-Axis Dome
- Flush or Surface Mount Design

EDN3260

- 2 Megapixel + Wide Dynamic
- IR Day/Night, Auto Iris 3-9mm
- 3-Axis Dome
- Flush or Surface Mount Design

EDN3340

- 3 Megapixel
- IR Day/Night, Auto Iris 3-9mm
- 3-Axis Dome
- Flush or Surface Mount Design

EHN Plus Series



EHN3160

- 1.3 Megapixel + Wide Dynamic
- IR Day/Night, Auto Iris 3-9mm
- 3-Axis & Vandal Resistant
- IP66 Weather Resistant

EHN3260

- 2 Megapixel + Wide Dynamic
- IR Day/Night, Auto Iris 3-9mm
- 3-Axis & Vandal Resistant
- IP66 Weather Resistant

EHN3340

- 3 Megapixel
- IR Day/Night, Auto Iris 3-9mm
- 3-Axis & Vandal Resistant
- IP66 Weather Resistant

EZN Plus Series



EZN3160

- 1.3 Megapixel + Wide Dynamic
- IR Day/Night, Auto Iris 2.8-10mm
- Vandal Resistant Housing
- IP66 Weather Resistant

EZN3260

- 2 Megapixel + Wide Dynamic
- IR Day/Night, Auto Iris 2.8-10mm
- Vandal Resistant Housing
- IP66 Weather Resistant

EZN3340

- 3 Megapixel
- IR Day/Night, Auto Iris 2.8-10mm
- Vandal Resistant Housing
- IP66 Weather Resistant

Part Number	EDN3160	EDN3260	EDN3340	EHN3160	EHN3260	EHN3340	EZN3160	EZN3260	EZN3340
Pickup Device with Progressive Scan CMOS Sensor	1/3" Full HD		1/2.8" HD	1/3" Full HD		1/2.8" HD	1/3" Full HD		1/2.8" HD
Effective Pixels & Video Resolution	1280 x 1024	1920 x 1080	2048 x 1536	1280 x 1024	1920 x 1080	2048 x 1536	1280 x 1024	1920 x 1080	2048 x 1536
Sensitivity	0 Lux @ F1.2 (IR On)			0 Lux @ F1.2 (IR On)			0 Lux @ F1.3 (IR On)		
Day/Night	Built-in Auto IR cut filter			Built-in Auto IR cut filter			Built-in Auto IR cut filter		
Lens	Auto Iris, 3-9mm, F1.2- F2.3 P-IRIS			Auto Iris, 3-9mm, F1.2- F2.3 P-IRIS			Auto Iris, 2.8-10mm, F1.3, 19		
Video Output	BNC socket, composite 1Vp-p/75ohm For cameras Set-up and test only								
Video Compression	H.264/MJPEG								
Frame Rate	720p @ 30 FPS	1080p @ 30 FPS	2048 x 1536 @ 15 fps, 1920 x 1080 @ 30fps	720p @ 30 FPS	1080p @ 30 FPS	2048 x 1536 @ 15 fps, 1920 x 1080 @ 30fps	720p @ 30 FPS	1080p @ 30 FPS	2048 x 1536 @ 15 fps, 1920 x 1080 @ 30fps
Image Setting	Compression, brightness, sharpness, white balance, exposure control backlight compensation, image rotation & mirroring, text and image overlay								
Video Streaming	Multi-Stream H.264 and M-Jpeg								
Interface	10Base-T/100Base-TX auto-negotiation, RJ-45 socket. Supports MDI/MDI-X auto cross function								
Supported Protocols	TCP/IP, IPV6, UDP, ICMP, DHCP, NTP, DNS, DDNS,SMTP, SNMP, FTP, HTTP, HTTPS, PPPoE, UPnP, Bonjour, RTP, RTSP, RTCP, UDP, IGMP, ICMP, ARP, ONVIF, PSIA								
Power Over Ethernet	Yes (PoE 802.3af)								
Alarm Input	1								
Alarm Output	1								
Audio In/Out	Yes*								
Event Trigger	Alarm Input, Manual Trigger, Motion Detection, Schedule Recording								
Notification	Trigger alarm output, email notification, upload video to FTP, record video to PC and network alarm								
Pre/Post Alarm Buffer	5 Seconds								
SD Card	Supports micro SDHC for onboard event storage								
Power Supply	12VDC & PoE								
Power Consumption	12VDC 7.44W (IR LEDs on) POE 8.45W (IR LEDs on)			12VDC 10.8W (IR LEDs on) POE 12.28W (IR LEDs on)			8W (IR LEDs on)		
Weight	2.38 lbs			3.57 lbs			3.57 lbs		
Dimension	Flush Mount: 4.61" x 4.29" Surface Mount : 5.6" x 5.23"			6.5" x 5.4"			14.16" x 3.76" x 3.76"		
Operating Temp	-32°F - 104°F			-40°C- 55°C/ -40°F - 131°F (12VDC), -20°C- 55°C/ -4°F - 131°F (PoE)					
Humidity	20%-80% non-condensing			IP66					
Rating	Indoor			IP66 Weather Resistant Vandal Proof					
Support	ONVIF, PSIA								
Certifications	CE, FCC								



EDN800

Indoor Day/Night Dome

- Auto-Iris 3.7-12mm
- 3-Axis & Vandal Resistant

EDN850H

Outdoor True Day/Night Dome

- Auto Iris, 2.8-10mm
- 3-Axis & Vandal Resistant
- IP66 Weather Resistant

EHN3200

2 MP Outdoor Day/Night Dome

- Auto Iris, 2.8-10mm
- 3-Axis & Vandal Resistant
- IP66 Weather Resistant

EPN4220
2 Megapixel
IP PTZ
Call for Availability



EDN3240

2 MP Indoor Day/Night

- 2.8-10mm Varifocal
- IR Day/Night
- 3-Axis Dome, Flush or Surface Mount



EZN850

Outdoor True Day/Night Bullet

- 6-50mm Lens
- IR Day/Night
- IP66 Weather Resistant



IP Cameras



IP Cameras



IP



EAN800A

Day/Night

- Multi-Streaming
- Accepts C/CS Lenses (lenses not included)

EAN850A

True Day/Night IP Box Cam

- Multi-Streaming
- Accepts C/CS Lenses (lenses not included)

EAN900

1.3 Megapixel Day/Night

- Multi-Streaming
- Accepts C/CS Lenses (lenses not included)

IP Plus Series

EAN3120

1.3 Megapixel + Wide Dynamic Range

- True Day/Night, Multi-Streaming
- Accepts C/CS Lenses (lenses not included)

EAN3220

2 Megapixel + Wide Dynamic Range

- True Day/Night, Multi-Streaming
- Accepts C/CS Lenses (lenses not included)

EAN3300

3 Megapixel Box Camera

- True Day/Night, Multi-Streaming
- Accepts C/CS Lenses (lenses not included)

EPN3600

Day/Night IP PTZ



- True Day/Night function
- Low Luminance for improved image quality at night
- WDR to improve images under extreme lighting conditions
- Digital Slow Shutter (DSS)
- Motion Detection function
- Digital auto flip
- Programmable auto panning
- Smart alarm reaction & resume after alarm
- "Snap & lock" easy installation
- IP66 weather resistant rating means that it will withstand the elements of outdoor conditions
- Power Supply Included

Part Number	EAN800A	EAN850A	EAN900	EAN3120	EAN3220	EAN3300
Pickup Device	1/4" Sony Ex-View HAD CCD	1/3" Sony Super HAD Interlaced CCD	1/3" Progressive scan CMOS 1.3 Megapixel	1/3" Full HD Progressive scan CMOS sensor		1/2.8" HD Progressive scan CMOS sensor
Effective Pixels	NTSC: 768 (H) x 494 (V) / PAL: 752 (H) x 582 (V)		1280 (H) x 1024 (V)			
Sensitivity	0.4 Lux/F=1.2	0.002 Lux/F=1.2 (SENS-UP x128), 0.25 Lux/F=1.2	0.5 Lux/F=1.2	0.03 Lux/F=1.4		0.08 B/W or 0.6 Color Lux/F=1.2
Day/Night	Yes	True Day/Night w/ IR cut filter	Yes with ICR module	Built-in Auto IR cut filter		
Lens	Optional C/CS mount, manual/DD control supported	C/CS mount, manual/DD control supported	Optional C/CS mount, manual/DD control supported	C/CS mount (adaptor included for C-mount)		
Video Output	BNC socket, composite 1.0Vp-p/75 ohm					
Video Resolution	NTSC: 4CIF (704X480), VGA (640X480), CIF (352X240), QVGA(320X240), QCIF(176X144)		NTSC : SXGA (1280X1024), SWXGA (1280 X960), 720P (1280x720), VGA (640x480)	1280 x 1024	1920 x 1080	2048 x 1536
Video Compression	H.264/MPEG4/MJPEG			H.264/MJPEG		
Video Quality	8 levels adjustable					
Frame Rate	up to 30 FPS at 4CIF		up to 15 FPS in 1280x1024	30 FPS		2048 x 1536 @ 15 fps, 1920 x 1080 @ 30 fps
Image Setting	Compression, brightness, sharpness, white balance, exposure control backlight compensation, image rotation & mirroring, text and image overlay					
Interface	10Base-T/100Base-TX auto-negotiation, RJ-45 socket. Supports MDI/MDI-X auto cross function					
Supported Protocols	Built-in IEEE 802.11b/g WLAN (EAN800AW) HTTP, TCP/IP, UDP, RTP, RTSP, FTP, SMTP, DHCP, DNS, DDNS, NTP, RTSP	HTTP, TCP/IP, FTP, SMTP, DHCP, DNS, DDNS, NTP, RTSP		TCP/IP, IPV6, UDP, ICMP, DHCP, NTP, DNS, DDNS, SMTP, SNMP, FTP, HTTP, HTTPS, PPPoE, UPnP, Bonjour, RTP, RTSP, RTCP, UDP, IGMP, ICMP, ARP, ONVIF, PSIA		
Bandwidth Control	Min. 64 k bit per sec. adjustable					
Max Client Limit	32 clients simultaneously					
Power Over Ethernet	Yes (PoE 802.3af)					
Alarm Input	1					
Alarm Output	1					
Audio In/Out	3.5mm stereo line input/ line out	3.5mm mono line input/ line out		Two way audio, 3.5mm mono line input/line out Compression G.711		
Compression	n/a					
Event Trigger	Alarm Input, Manual Trigger, Motion Detection and Schedule Recording			Alarm Input, Manual Trigger, Motion Detection, Schedule Recording		
Notification	Trigger alarm output, email notification, upload video to FTP, record video to SD card, record video to PC and network alarm			Trigger alarm output, email notification, upload video to FTP, record video to PC and network alarm		
Pre/Post Alarm Buffer	48MB RAM reserved for pre-alarm (record up to 120 sec.)					
SD Card	Supports SD and SDHC for local storage			Supports SDHC Host Specification	Supports micro SDHC for onboard event storage	
Power Supply	12VDC & PoE					
Power Consumption	5W max (12VDC for EAN800A) 6.5W max (12VDC for EAN800AW)	5W max. (12VDC)	4.5W max. (12VDC)	6W max.		
Weight	1.102 lbs	1.2 lbs	1.21 lbs	410g		
Dimension	5.35" x 2.72" x 2.22"		5.35" x 2.72" x 2.22"	4.6" x 2.2" x 2.6"		
Operating Temp	0°C- 40°C/ 32°F - 104°F			0°C- 50°C/ 32°F - 122°F		
Humidity	<90% not condensing			20%-80% non-condensing	20%-80%	20%-80% non-condensing
Support	n/a					
Certifications	CE, FCC, RoHS			ONVIF, PSIA CE, FCC		

Part Number	EPN3600
Pickup Device	1/4" Sony Ex-View HAD CCD
Video Format	H.264/MPEG4/MJPEG
Scanning System	NTSC: 525 TVL, 60 fields/sec., PAL: 625 TVL, 50 fields/sec.
Picture Elements	768 x 494 (NTSC) / 752 x 582 (PAL)
Horizontal Resolution	530 TVL
Sensitivity	Normal: 1.4 Lux, 1/60 (1/50) sec., Night Mode: 0.01 Lux, 1/4 (1/3) sec. ICR on
S/N Ratio	50 dB (AGC Off)
Video Output	1Vp-p/75ohm
Electronic Shutter	1 ~ 1/10,000(s)
Digital Slow Shutter	60x (50x for PAL)
Shutter Selection	AUTO/A.FLK/Manual 1~10,000 Selectable
Lens Type	36x optical, f=3.4mm (wide) to 122.4mm (tele), F1.6 to F4.5
Zoom Ratio	432x max. (36x optical zoom, 12x digital zoom)
True Day/Night	Yes (Auto/DAY/NIGHT)
Backlight Compensation	Yes (Off/On)
AGC	Yes (Auto, Manual)
WDR	Yes (Off/On)
White Balance	Auto, Indoor, Outdoor
Motion Detection	Yes (4 zone)
Privacy Zone Masking	Yes (8 zones)
Focus Control	One Push/Auto/Manual
Horizontal Rotation Range	360° unlimited rotation
Tilt Rotation Range	90° pendulum motion
Auto Zoom Speed Control	Control speed auto-adjusted according to zoom length changing
Auto Pan	2 point scanning, can set freely
Auto Pan Speed	1~255 grade available, 0.01°/s-360°/s
Preset Position	192 Positions
Running to Position Speed	1~255 grade available, 0.01°/s-360°/s
Tour	16 groups
Tour Point Per Group	16 preset positions
Pattern Position Accuracy	4 patterns with 90 seconds long
Alarm	4 in, 2 out (triggered by intelligent event and external input)
Built-in Protocols	HTTP, TVP/IP, FTP, SMTP, DHCP, DNS, DDNS, NTP
Interface	10Base-T/100Base-TX auto negotiation, RJ-45 socket
Bandwidth Control	Min. 64K byte/second adjustable
Position Accuracy	±0.1°
Weather Resistant Rating	IP66
Power Source	24VAC
Power Consumption	30W max
Operating Temperature	-40°C ~ 50°C / -40°F ~ 122°F (heater on below ~30°F)
Dimensions	7.1" x 11"
Weight	6.62 lbs
Certification	CE, FCC