



With features of simple installation, easy operation, and high performance-cost ratio, This Series camera is applicable to small and medium-sized scenes, such as homes/residences, small-sized retail stores, and other small and medium-sized enterprises. This product uses the latest PoE technology to troubleshoot the occurrence of any issues in the system making it easier to use. With the help of this technology, your camera now only consumes energy directly from the power supply and doesn't require any mid-way switches. Regions of Interest (ROI) is a user defined feature that allows the operator to monitor specific areas of a scene while still maintaining overall situational awareness of less important areas

EW-IP4030B

Key Features-



- ❖ 1/2.7" Progressive Scan CMOS
- ❖ 2688×1520@30 fps, MJPEG up to 1920×1080@30 fps
- ❖ 3.6 mm Fixed Lenses
- ❖ Color: 0.002 Lux @ (F1.2, AGC ON)
- ❖ H.265, H.265+, H.264, H.264+
- ❖ 150 dB WDR
- ❖ 3D DNR
- ❖ IR range up to 30 Meter
- ❖ Built-in Micro SD/SDHC/SDXC Card Slot, up to 256 GB
- ❖ Alarm I/O

Specification

Camera	Image Sensor:	1/2.7" Progressive Scan CMOS Image Sensor
	Scanning System:	Progressive
	Min. Illumination:	Color: 0.008 Lux @ (F1.6, AGC On), B/W: 0.0008 Lux with IR On
	Effective Pixels:	2688(H) x 1520(V)
	Shutter Time:	1/1s – 1/100000 sec
	Slow Shutter:	Yes
	P-IRIS	Yes
	DNR:	3D DNR
	Max. Image Resolution:	4 Mega Pixel (2688x1520) @ 50fps/60fps

	Day& Night:	IR Cut Filter.
	WDR:	DWDR 150db
	BLC/GC/SI:	Auto/Manual
	Gain Control:	Auto/Manual
	NR:	3D DNR
	S/N Ratio:	>52db
	White Balance:	Auto/Manual/Natural/Street Lamp/Outdoor/Regional
	Angle Adjustment:	Pan: 0° to 360°, tilt: 0° to 180°, rotate: 0° to 360°
Camera Lens	Focal Length:	3.6 MM Fixed Lens (2.8 MM Optional)
	Lens Type:	Fixed Lens
	Lens Mount:	Integrated
	Max Aperture:	F1.2~F2.5
	Field of View:	3.6mm: H: 84.0°, V: 45.0°, D: 100.0° 2.8mm: H: 102.0°, V: 55.0°, D: 121.0°
	Focus:	Auto, Semi-Auto, Manual
IR	IR Range:	Up to 50 Meter
	Wavelength:	850nm
Sharpness	HLC:	50Hz:25fps CIF (352×288) 60Hz:30fps CIF (352×240)
	BLC:	Support
	OSD:	8 OSD
	ROI:	2 Area
	Defog:	Support
Compression	Video Compression:	Main Stream: H.265/H.264/H.265+/H.264+ Sub Stream/ Third Stream/Fourth Stream/Fifth Stream/Custom Stream: H.265/H.264/MJPEG
	H.264 Type:	Baseline Profile/Main Profile/High Profile
	H.264+:	Main Stream Supports
	H.265 Type:	Main Profile
	H.265+:	Main stream supports
	Video Bit Rate:	256 Kbps to 16 Mbps
	Audio Compression:	G.711/G.722.1/G.726/MP2L2/PCM
	Audio Bit Rate:	64Kbps(G.711)/16Kbps(G.722.1)/16Kbps (G.726)/ 32-192Kbps(MP2L2)/32Kbps(PCM)

Image	Max. Resolution:	2560x1440
	Video Streaming:	Main Stream: 2688 × 1520 (1 fps-20 fps) 2560 × 1440 (1 fps-25/30 fps) Sub Stream: 704 × 576 (1 fps-25 fps) 704 × 480 (1 fps-30 fps)
	Resolution:	4MP (2688 × 1520) 4MP(2560 × 1440) ; 3MP(2304 × 1296); 2MP (1920 × 1080); 1.3M P(1280 × 960); 720P (1280 × 720); D1 (704 × 576/704 × 480); VGA (640 × 480); CIF (352 × 288/352 × 240)
	Image Enhancement:	BLC, HLC, 3D DNR, Defog, EIS, ROI, AWB, AGC
	Image Setting:	Rotate Mode, Saturation, Brightness, Contrast, Sharpness, Hue, Adjustable by Client Software or Web Browser
	Target Cropping:	Yes
	SVC:	H.264 and H.265 Encoding
Audio	Audio Support:	Yes
	Environmental Noise Filtering:	Yes
	Audio Sampling Rate:	8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz
Network	Network Storage:	Micro SD/SDHC/SDXC card (256 GB), local storage and NAS (NFS,SMB/CIFS), ANR
	Alarm Trigger:	Motion Detection, Video Tampering, Network Disconnect, IP Address Conflict, Illegal Login, HDD Full, HDD Error
	Event Trigger:	Abnormality Detection: Motion Detection, Video Tempering, No SD Card, SD Card Full, SD Card Error, Network Disconnected, IP Conflict, Illegal Access, Voltage Detection
	Protocols:	TCP/IP, ICMP, HTTP,FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPoE, NTP, UPnP, SMTP,SNMP,IGMP, 802.1X,Qos, IPvS, UDP, Bonjour
	Simultaneous View:	Up To 20 Channels
	Users:	32
	Privacy Masking:	4 Areas
	Mobile:	iPhone, iPad, Android
	Security Measures:	Password Protection, HTTPS Encryption, IEEE 802.1x port-Based Network Access Control, IP Address Filter, Basic and Digest Authentication for HTTP/HTTPS, WSSE and Digest Authentication for ONVIF
	Compatible Integration:	ONVIF (Profile S), API
	Mirror:	Yes
	Encrypted Data Transmission:	HTTPS (SSL/TSL)
	Web Browser:	IE8+, Chrome41.0-44, Firefox30.0-51, Safari8.0-11

	<table> <tr> <td>General Function:</td><td>One-key Reset, Anti-Flicker, 5 Streams and up to 5 Custom Streams, Heartbeat, Password Protection, Privacy Mask, Watermark, IP Address Filter</td></tr> </table>	General Function:	One-key Reset, Anti-Flicker, 5 Streams and up to 5 Custom Streams, Heartbeat, Password Protection, Privacy Mask, Watermark, IP Address Filter														
General Function:	One-key Reset, Anti-Flicker, 5 Streams and up to 5 Custom Streams, Heartbeat, Password Protection, Privacy Mask, Watermark, IP Address Filter																
Interface	<table> <tr> <td>Communication Interface:</td><td>1 RJ45 10M / 100M Ethernet Interface Port</td></tr> <tr> <td>Audio:</td><td>1 Input, 1 Output, Mono Sound</td></tr> <tr> <td>Alarm:</td><td>2 Input, 2 Output</td></tr> <tr> <td>Video Output:</td><td>1Vp-p composite output (75 Ω/ CVBS)</td></tr> <tr> <td>Reset Button:</td><td>Yes</td></tr> <tr> <td>On Board Storage:</td><td>Built-in micro SD/SDHC/SDXC slot, up to 256 GB</td></tr> </table>	Communication Interface:	1 RJ45 10M / 100M Ethernet Interface Port	Audio:	1 Input, 1 Output, Mono Sound	Alarm:	2 Input, 2 Output	Video Output:	1Vp-p composite output (75 Ω / CVBS)	Reset Button:	Yes	On Board Storage:	Built-in micro SD/SDHC/SDXC slot, up to 256 GB				
Communication Interface:	1 RJ45 10M / 100M Ethernet Interface Port																
Audio:	1 Input, 1 Output, Mono Sound																
Alarm:	2 Input, 2 Output																
Video Output:	1Vp-p composite output (75 Ω / CVBS)																
Reset Button:	Yes																
On Board Storage:	Built-in micro SD/SDHC/SDXC slot, up to 256 GB																
Smart Features	<table> <tr> <td>Behavior Analysis:</td><td>Line Crossing Detection, Intrusion Detection, Region Entrance Detection, Region Exiting Detection, Unattended Baggage Detection, Object Removal Detection</td></tr> <tr> <td>Exception Detection:</td><td>Scene Change Detection, Defocus Detection</td></tr> <tr> <td>Statistics:</td><td>Counting</td></tr> <tr> <td>Face Detection:</td><td>Yes</td></tr> <tr> <td>Smart Detection:</td><td>Tripwire, Intrusion</td></tr> <tr> <td>Region of Interest:</td><td>Main Stream/Sub Stream/Third Stream/Fourth Stream/Fifth Stream: 4 Fixed Regions For Each Stream And Dynamic Face Tracking</td></tr> </table>	Behavior Analysis:	Line Crossing Detection, Intrusion Detection, Region Entrance Detection, Region Exiting Detection, Unattended Baggage Detection, Object Removal Detection	Exception Detection:	Scene Change Detection, Defocus Detection	Statistics:	Counting	Face Detection:	Yes	Smart Detection:	Tripwire, Intrusion	Region of Interest:	Main Stream/Sub Stream/Third Stream/Fourth Stream/Fifth Stream: 4 Fixed Regions For Each Stream And Dynamic Face Tracking				
Behavior Analysis:	Line Crossing Detection, Intrusion Detection, Region Entrance Detection, Region Exiting Detection, Unattended Baggage Detection, Object Removal Detection																
Exception Detection:	Scene Change Detection, Defocus Detection																
Statistics:	Counting																
Face Detection:	Yes																
Smart Detection:	Tripwire, Intrusion																
Region of Interest:	Main Stream/Sub Stream/Third Stream/Fourth Stream/Fifth Stream: 4 Fixed Regions For Each Stream And Dynamic Face Tracking																
General	<table> <tr> <td>General Function:</td><td>Anti-flicker, Heartbeat, Mirror, Password Protection, Privacy Masks, Watermark, IP Address Filter</td></tr> <tr> <td>Operating Conditions:</td><td>-40 $^{\circ}$C ~ 60 $^{\circ}$C (-40 $^{\circ}$F ~ 140 $^{\circ}$F) Humidity 90% or less (non-condensing)</td></tr> <tr> <td>Power Supply:</td><td>PoE (802.3AT, 42.5V TO 57V), 0.5A TO 0.3A, MAX 18w</td></tr> <tr> <td>Power Consumption:</td><td>12 VDC, 1.2A, MAX 7 W</td></tr> <tr> <td>Weather Proof:</td><td>IP 67 IK10</td></tr> <tr> <td>Weight:</td><td>300g</td></tr> <tr> <td>Certification:</td><td>ISO, CE, FC, ROHS,UL,FCC,GDPR,CMMI-5 Certified OEM Reach</td></tr> <tr> <td>Country of Origin:</td><td>India</td></tr> </table>	General Function:	Anti-flicker, Heartbeat, Mirror, Password Protection, Privacy Masks, Watermark, IP Address Filter	Operating Conditions:	-40 $^{\circ}$ C ~ 60 $^{\circ}$ C (-40 $^{\circ}$ F ~ 140 $^{\circ}$ F) Humidity 90% or less (non-condensing)	Power Supply:	PoE (802.3AT, 42.5V TO 57V), 0.5A TO 0.3A, MAX 18w	Power Consumption:	12 VDC, 1.2A, MAX 7 W	Weather Proof:	IP 67 IK10	Weight:	300g	Certification:	ISO, CE, FC, ROHS,UL,FCC,GDPR,CMMI-5 Certified OEM Reach	Country of Origin:	India
General Function:	Anti-flicker, Heartbeat, Mirror, Password Protection, Privacy Masks, Watermark, IP Address Filter																
Operating Conditions:	-40 $^{\circ}$ C ~ 60 $^{\circ}$ C (-40 $^{\circ}$ F ~ 140 $^{\circ}$ F) Humidity 90% or less (non-condensing)																
Power Supply:	PoE (802.3AT, 42.5V TO 57V), 0.5A TO 0.3A, MAX 18w																
Power Consumption:	12 VDC, 1.2A, MAX 7 W																
Weather Proof:	IP 67 IK10																
Weight:	300g																
Certification:	ISO, CE, FC, ROHS,UL,FCC,GDPR,CMMI-5 Certified OEM Reach																
Country of Origin:	India																