



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-IP8050B

Key Features-



- ❖ 1/2.7" Progressive Scan CMOS
- ❖ 3840×2160@15 fps, MJPEG up to 2688×1520@25/30 fps
- ❖ 3.6mm Fixed Lenses
- ❖ Color: 0.01 Lux @ (F1.4, 30 IRE)
- ❖ H.265, H.265+, H.264, H.264+ Dual Stream Encoding
- ❖ 120 dB WDR
- ❖ 3D DNR
- ❖ IR Range up to 30 Meter
- ❖ Alarm I/O

Specification

Camera	Image Sensor:	1/2.7" Progressive Scan CMOS Image Sensor (0.9407 CM)
	Scanning System:	Progressive
	Min. Illumination:	Color: 0.01 Lux @ (F1.4, 30 IRE) B/W: 0.001 Lux @ (F1.4, 30 IRE) 0 Lux with IR On
	Shutter Time:	1/3s – 1/1000000 sec
	Slow Shutter:	Yes
	P-IRIS	Yes
	DNR:	3D DNR
	Max. Image Resolution:	8 Mega Pixel (3840x2160)
	Day& Night:	IR Cut Filter.

	WDR:	WDR 120db
	BLC/AGC/SI:	Auto/Manual
	Gain Control:	Auto/Manual
	NR:	3D DNR
	S/N Ratio:	>58db
	RAM/ROM:	256GB/128GB
	White Balance:	Auto/Manual/Natural/Street Lamp/Outdoor/Regional
	Angle Adjustment:	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°
Camera Lens	Focal Length:	3.6MM (2.8MM Optional)
	IRIS:	Fixed
	Lens Type:	Fixed Lens
	Lens Mount:	Integrated
	Max Aperture:	F1.4
	DORI:	3.6MM: D-98.7M, O-39.5M, R-19.7M, I-9.9M 2.8MM: D-84.8M, O-33.9M, R-17.0M, I-8.5M
	Angle of View:	3.6MM: Horizontal: 86°, Vertical: 49°, Diagonal: 100° 2.8MM: Horizontal: 110°, Vertical: 58°, Diagonal: 132°
	Close Focus Distance:	2.8mm~1.5M, 3.6: 1.9M
IR	IR Range:	Up to 30 Meter
	Wavelength:	850nm
Sharpness	HLC:	50Hz:25fps CIF (352×288) 60Hz:30fps CIF (352×240)
	BLC:	Support
	OSD:	8 OSD
	ROI:	4 Area
	Defog:	Support
	AWB:	Support
	AGC:	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:	H.265: 3Kbps-8192Kbps, H.265: 3Kbps-8192Kbps
	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:	8MP (3840 × 2160), 6MP (3072 × 2048), 5MP (3072 × 1728), 4MP (2880 × 1620/2688 × 1520), 3MP (2048 × 1536/2304 × 1296), 2MP (1920 × 1080), 1.3MP (1280 × 960), 720p (1280 × 720), D1 (704 × 576/704 × 480), VGA (640 × 480), CIF (352 × 288/352 × 240)
	Frame Rate:	Main Stream: 8MP (3840 × 2160) @1-20 fps, 4MP (2688 × 1520) @1-25/30 fps Sub Stream 1: D1 (704 × 576) @1-25fps/ (704 × 480) @1-30fps Sub Stream 2: D1 (704 × 576) @1-25 fps/ (704 × 480) @1-30fps
	Image Enhancement:	BLC, HLC, 3D DNR, Defog, EIS, ROI, AWB, AGC
	Image Rotation:	0°/90°/180°/270°
	Image Setting:	Rotate Mode, Saturation, Brightness, Contrast, Sharpness, Hue, Adjustable by Client Software or Web Browser
	Video Analytics:	Scene changes detection, Video tampering detection, Line crossing detection (human / vehicle classification), Region Intrusion detection (human /vehicle classification), Blurred image detection
	Target Cropping:	Yes
	SVC:	H.264 and H.265 Encoding
Audio	Built in Mic:	Yes
	Audio Support:	Yes
	Environmental Noise Filtering:	Yes
	Audio Sampling Rate:	8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz
Network	Alarm Event:	Network disconnection, IP conflict, Illegal access, Motion detection, Video tampering, Audio detection, SMD (human & Motor Vehicle), Security exception
	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
	Motion Detection:	4 Area
	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
	Cyber Security:	AES 256-bit Encryption, Configuration encryption, trusted execution, Digest, security logs, WSSE, account lockout, syslog, video encryption, IP/MAC filtering, HTTPS, trusted upgrade, trusted boot
	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	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
Smart Features	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
	Region of Interest:	Main Stream/Sub Stream/Third Stream/Fourth Stream/Fifth Stream: 4 Fixed Regions for Each Stream and Dynamic Face Tracking
General	General Function:	Anti-flicker, Heartbeat, Mirror, Password Protection, Privacy Masks, Watermark, IP Address Filter
	Operating Conditions:	-40 °C ~ 60 °C (-40 °F ~ 140 °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
	Casing:	Matel/Plastic
	Weight:	350g
	Certification:	BIS, CE, FC, ROHS
	Country of Origin:	India