



## EW-IP4050B

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



## Key Features-

- ❖ **1/2.7" Progressive Scan CMOS**
- ❖ **2688×1520@25/30 fps, MJPEG up to 1920×1080@30 fps**
- ❖ **3.6/4/6/8 mm Fixed Lenses**
- ❖ **Color: 0.01 Lux @ (F1.2, AGC ON)**
- ❖ **H.265, H.265+, H.264, H.264+**
- ❖ **120 dB WDR**
- ❖ **3D DNR**
- ❖ **IR range up to 50 Meter**
- ❖ **Alarm I/O**

## Specification

Camera	Image Sensor:	1/2.7" Progressive Scan CMOS Image Sensor (0.9071cm)
	Scanning System:	Progressive
	Min. Illumination:	Color: 0.01 Lux @ (F1.2, AGC On) B/W: 0.028 Lux @ (F2.0, AGC On) 0 Lux IR On
	Effective Pixels:	2688(H) x 1520(V)
	Shutter Time:	Auto/Manual 1/3s – 1/100000 sec
	Slow Shutter:	Yes
	P-IRIS	Yes
	DNR:	3D DNR
	Max. Image Resolution:	4 Mega Pixel (2688x1520) @ 25/30fps
	Day& Night:	IR Cut Filter.
	WDR:	120 DB

	<table border="1"> <tr><td>BLC/AGC/SI/AWB:</td><td>Auto/Manual</td></tr> <tr><td>Gain Control:</td><td>Auto/Manual</td></tr> <tr><td>NR:</td><td>3D DNR</td></tr> <tr><td>S/N Ratio:</td><td>&gt;50db</td></tr> <tr><td>White Balance:</td><td>Auto/Manual/Natural/Street Lamp/Outdoor/Regional</td></tr> <tr><td>Angle Adjustment:</td><td>Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°</td></tr> <tr><td>Back Light Compensation:</td><td>BLC/HLC/WDR (120DB)</td></tr> </table>	BLC/AGC/SI/AWB:	Auto/Manual	Gain Control:	Auto/Manual	NR:	3D DNR	S/N Ratio:	>50db	White Balance:	Auto/Manual/Natural/Street Lamp/Outdoor/Regional	Angle Adjustment:	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	Back Light Compensation:	BLC/HLC/WDR (120DB)
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<b>Camera Lens</b>	Focal Length: 3.6 MM Fixed Lens														
	Lens Type: Fixed Focal														
	Mount Type: M12														
	Max Aperture: F1.2														
	IRIS Type: Fixed Aperture														
	Field of View: 3.6mm: H-78°, V-42°, D-93°, 6mm: H-48°, V-27°, D-54°, 8mm: H-37°, V-21°, D-44°														
	ICR: Auto (ICR)/Color/B/W														
	Close Focus Distance: 3.6MM~1.5m														
	Digital Zoom: 16X														
<b>IR</b>	IR Range: Up to 50 Meter														
	Wavelength: 850nm														
<b>Sharpness</b>	HLC: 50Hz:25fps CIF (352×288) 60Hz:30fps CIF (352×240)														
	BLC: Support														
	OSD: 8 OSD														
	ROI: 8 Area														
	Defog: Digital Defog														
<b>Compression</b>	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.265 Code Type: Baseline Profile/Main Profile/High Profile														
	H.264 Type: Main Profile/High Profile														
	H.264+: Main Stream and Sub-Stream Support														
	H.265 Type: Main Profile														
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	Video Bit Rate: 32 Kbps~ 16 Mbps														
	Bit Rate Type: CBR/VBR														
	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:	2688x1520
	Main Stream:	25fps (2688x1520, 1204x1296, 1920x1080)
	Sub Stream:	15fps (1280x720, 640x480, 640x360, 320x240)
	Third Stream:	Support
	Resolution:	4MP (2688 × 1520), 3MP (2304 × 1296), 1080P (1920 × 1080), 720P (1280 × 720), D1, CIF, 480 × 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:	No
	SVC:	H.264 and H.265 Encoding
Audio	In Built Audio:	Yes
	Audio Support:	Yes
	Environmental Noise Filtering:	Yes
	Audio Sampling Rate:	8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz
Network	Abnormal Detection:	Motion Detection, Video Tampering, Network Disconnect, IP Address Conflict, Illegal Login, HDD Full, HDD Error
	Alarm Trigger:	Abnormality Detection: Motion Detection, Video Tampering, No SD Card, SD Card Full, SD Card Error, Network Disconnected, IP Conflict, Illegal Access, Voltage Detection
	Protocols:	IPv4; IPv6; HTTP; TCP; UDP; ARP; RTP; RTSP; RTCP; RTMP; SMTP; FTP; SFTP; DHCP; DNS; DDNS; QoS; UPnP; NTP; Multicast; ICMP; IGMP; NFS; PPPoE; Bonjour, ONVIF (Profile S/Profile G/Profile T); CGI; Milestone; Genetec;
	Simultaneous View:	Up To 20 Channels
	Users:	32
	Privacy Masking:	4 Areas
	Motion Detection:	Off/On 4 Areas
	Mobile:	iPhone, iPad, Android
	Cyber Security:	Video encryption; configuration encryption; Digest; WSSE; account lockout; security logs; generation and importing of X.509 certification; HTTPS; trusted boot; trusted execution; trusted upgrade
	Compatible Integration:	ONVIF (Profile S&G), ISAPI
	SDK and API:	Yes
	Mirror:	Yes

	Encrypted Data Transmission:	HTTPS (SSL/TSL)
	Web Browser:	IE8+, Chrome41.0-44, Firefox30.0-51, Safari8.0-11
	General Function:	One-key Reset, Anti-Flicker, 5 Streams and up to 5 Custom Streams, Heartbeat, Password Protection, Privacy Mask, Watermark, IP Address Filter
<b>Interface</b>	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)
	On Board Storage:	Support SD/Micro SD Card up to 256GB
	Reset Button:	Yes
<b>Smart Features</b>	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
<b>General</b>	General Function:	Anti-flicker, Heartbeat, Mirror, Password Protection, Privacy Masks, Watermark, IP Address Filter, Tampering Alarm, Access Police, ARP Protection, RTSP Authentication, User Authentication
	Operating Conditions:	-40 °C ~ 60 °C (-40 °F ~ 140 °F) Humidity 95% or less (non-condensing)
	Power Supply:	PoE (IEEE802.3af, 42.5V TO 57V), 0.5A TO 0.3A, MAX 18w
	Power Consumption:	12 VDC, 1.2A, MAX 7 W
	Casing:	Metal/Plastic
	Weather Proof:	IP 67 IK10
	Weight:	300g
	Certification:	ISO, CE, FC, ROHS
	Country of Origin:	India