



## 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

	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)
<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
	H.265+:	Main Stream and Sub-Stream Support
	Video Bit Rate:	32 Kbps~ 16 Mbps
	Bit Rate Type:	CBR/VBR
	Audio Compression:	G.711/G.722.1/G.726/MP2L2/PCM

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	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 $\Omega$ / 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