



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-IP5050BVF

Key Features-



- ❖ 1/2.7" Progressive Scan CMOS
- ❖ 2592×1944 @25/30 fps, MJPEG up to 1920×1080@30 fps
- ❖ 2.8 To 12 mm Motorized Varifocal Lenses
- ❖ Color: 0.5 Lux @ (F1.6, IR 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
	Scanning System:	Progressive
	Min. Illumination:	Color: 0.5 Lux @ (F1.6, IR On) B/W: 0.05 Lux @ (F1.6, IR On) 0 Lux with IR On
	Shutter Time:	1/3s – 1/35000 sec
	Slow Shutter:	Yes
	P-IRIS	Yes
	DNR:	3D DNR
	Max. Image Resolution:	5 Mega Pixel (2592×1944) @ 20fps

	Day& Night:	IR Cut Filter.
	WDR:	DWDR 120db
	BLC/GC/SI:	Auto/Manual
	Gain Control (AGC):	Auto/Manual
	NR:	3D DNR
	S/N Ratio:	>60db
	White Balance:	Auto/Manual/Natural/Street Lamp/Outdoor/Regional
	Back Light Compensation:	BLC/HLC/WDR (120DB)
	Angle Adjustment:	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°
Camera Lens	Focal Length:	2.8~12MM
	Lens Type:	Motorized Varifocal Lens
	Digital Zoom:	16X
	Mount Type:	φ14
	IRIS Control:	Fixed
	Max Aperture:	F1.5
	Digital Zoom:	16X
	DORI:	W– 64.0M (Detect) 25.60M (Observe) 12.80M (Recognize) 6.40M (Identify) T– 222.0M (Detect) 88.80M (Observe) 44.40M (Recognize) 22.20M (Identify)
	Angle of View:	Horizontal: 93.8°–26.9° Vertical: 71° –21° Diagonal: 134° –35°
	Focus:	Auto, Semi-Auto, Manual
	Close Focus Distance:	0.8 m
IR	IR Range:	Up to 50 Meter
	Wavelength:	850nm
	Open Resources:	Memory: 60 MB, Smart RAM: 400 MB, eMMC: 2 GB
Sharpness	HLC:	50Hz:25fps CIF (352×288) 60Hz:30fps CIF (352×240)
	BLC:	Support
	OSD:	8 OSD
	ROI:	8 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:	H.264: 32 Kbps–8192 Kbps H.265: 32 Kbps–8192 Kbps
	Bit Rate Control:	CBR/VBR
	Audio Compression:	G.711a; G.711Mu; PCM; G.726; G.723
	Audio Bit Rate:	64Kbps(G.711)/16Kbps(G.722.1)/16Kbps (G.726)/32-192Kbps(MP2L2)/32Kbps(PCM)
Image	Resolution:	2592×1944
	Video Streaming:	Mainstream: 2560x1980, 2592x1944, 1920x1080, 1280x720@25/30fps Second Stream: 704 × 576, 640 × 480, CIF @ 25/30fps Third Stream: PAL, VGA, CIF, QVGA @ 25/30fps
	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
	Image Stabilization:	Electronic Image Stabilization (EIS)
	SVC:	H.264 and H.265 Encoding
	e-PTZ:	Support Patrol and Auto Tracking settings
Audio	Audio Support:	Built in Mic
	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
	Basic Event:	Motion detection, video tampering alarm, loitering, intrusion, people counting, exception
	Smart Detection:	Tripwire, intrusion, Unattended baggage detection, object removal detection, scene change detection, audio exception detection
	Alarm Trigger:	Motion detection, video tampering, no SD card, SD card full, SD card error, network disconnected, IP conflict, illegal access, local alarm, voltage detection, audio abnormal
	Protocols:	HTTP; TCP; ARP; RTSP; RTP; UDP; RTCP; SMTP; FTP; DHCP; DNS; DDNS; PPPoE; IPv4/v6; QoS; UPnP; NTP; RTMP; Multicast; HTTPS; SFTP; 802.1x; ICMP; IGMP; ONVIF (Profile S/Profile G); CGI; P2P;Milestone;Genetec
	Simultaneous View:	Up To 20 Channels
	Users:	20

	Motion Detection:	4 Areas
	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
	Smart Detection:	Intrusion; Tripwire, Object Abandoned/Missing, Face Detection
	Compatible Integration:	ONVIF (Profile S, G, T), API
	Cyber Security:	Video encryption; firmware encryption; configuration encryption; Digest; WSSE; account lockout; security logs; IP/MAC filtering; generation and importing of X.509 certification; syslog; HTTPS; 802.1x; trusted boot; trusted execution; trusted upgrade
	Desktop CMS:	Window and MAC Support
	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
Interface	Communication Interface:	1 RJ45 10M / 100M Ethernet Interface Port
	Audio:	1 Input, 1 Output, Mono Sound
	Alarm:	1 Input, 1 Output
	Video Output:	1Vp-p composite output (75 Ω/ CVBS)
	Storage:	Support SD/Micro SD Card Up to 256GB
	Reset Button:	Yes
Smart Features	Features:	MD, Intrusion; Tripwire, ROI, EIS, Video Tampering
	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
	People Counting:	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:	-30°C to +65°C (-22°F to +140°F)
	Storage Temperature:	-40°C to +65°C (-40°F to 140°F)
	Power Supply:	12VDC, PoE (802.3Af, 42.5V TO 57V), 0.5A TO 0.3A, MAX 18w
	Humidity:	Less than 95% RH
	Power Consumption:	Basic: 2.8 W (12 VDC); 3.4 W (PoE) Max. (WDR + IR intensity + Intelligence): 7.4W (12 VDC); 8.5 W (PoE)
	Casing:	Metal/Plastic
	Weather Proof:	IP 67 IK10
	Weight:	400g
	Certification:	BIS, CE, FC, ROHS, GDPR
	Country of Origin:	India