Lite AI Series | IPC-EF2449M-ZAS-PV

4MP Smart Hybrid Light Active Deterrence Lite AI Vari-Focal IPC with R&B LED

4MP 1/2.7" CMOS Sensor

Support H.264+, H.265+

IR distance 40m, Warm light distance 40m

Support Perimeter Protection, SMD

Support Built-in Mic & Speaker

Support Red and Blue LED Alarm, Sound Alarm, Arm and Disarm

Supports max. 256 G Micro SD card

- 2.7 mm–13.5 mm 5x zoom lens

12 VDC/PoE power supply

IP67 protection

Camera	
Image Sensor	1/2.7" CMOS
Max. Resolution	4MP, 2688 (H) × 1520 (V)
Scanning System	Progressive
Electronic Shutter Speed	Auto/Manual 1/3 s–1/100,000 s
Min. Illumination	0.006Lux(Illuminator off); 0Lux (Illuminator on)
S/N Ratio	> 56 dB
Illumination Distance	IR distance 40m, Warm light distance 40m, Red and Blue Alarm light
Illuminator Control	Auto; Manual
Lens	
Lens Type	Motorized Vari-Focal
Focal Length	2.7 mm–13.5mm
Max. Aperture	F1.6
Field of View	Horizontal: 99°–28° Vertical: 71°–21° Diagonal: 134°–35°
Iris Type	Auto
Intelligence	
Smart Motion Detection	Yes
Perimeter Protection	Intrusion, Tripwire (Support the classification of Vehicle, Human and Non-Motor)
Face Detection	NA
Object Detection	NA
People Counting	NA
Heat Map	NA
AI Search	Work together with NVR
Video	
Compression	H.264H; H.264M; H.264B; H.265

This datasheet is subject to change without prior notice. Please contact us to get the latest datasheet.

Smart Compression	H.264H+; H.264M+; H.264B+; H.265+
Video Frame Rate	Main Stream: 4MP (1 fps–25/30 fps)
	Sub Stream: D1 (1 fps–25/30 fps)
	Third Stream: 720P (1 fps–25/30 fps)
Stream Capability	3 Streams
Bit Rate Control	CBR/VBR
Video Bit Rate	H.264: 3 Kbps–20480 Kbps
	H.265: 3 Kbps–20480 Kbps
Day/Night	Color/B/W
BLC	Yes
HLC	Yes
WDR	DWDR
White Balance	Yes
Gain Control	Auto/Manual
Noise Reduction	3D NR
Motion Detection	OFF/ON (4 Areas, rectangular)
Image Rotation	180°
Mirror	Yes
Privacy Masking	4 Areas

Audio

Built-in Mic	Yes
Built-in Speaker	Yes

Alarm

Arming/Disarming	Yes
Sound Alarm	Yes
Light Alarm	Yes
Alarm Event	Disconnection; IP Conflict; No SD Card; Capacity Warning; SD Card Error

Network

Network	RJ-45 (10/100 Base-T)
SDK and API	Yes
Network Protocol	TCP/IP;UDP;HTTP;IGMP;ICMP;DHCP;RTP/RTSP;DNS;DDNS;FTP;NTP;PPPOE;UPNP;SMTP
Interoperability	ONVIF; CGI; P2P(Optional)
User/Host	20 (Total bandwidth: 80 M)
Storage	FTP; Micro SD card (support max. 256 G/FAT32)
Browser	IE: IE8 and later; Chrome; Firefox
Management Software	PC Software(SVMS)
Mobile Client	IOS; Android

Port

Audio Input	NA
Audio Output	NA
Alarm Input	NA
Alarm Output	NA
Power	
Power Supply	12V DC (±30%)/PoE (802.3af)
Power Consumption	Basic: 2.8 W; Max. 6.5W
Environment	
Operating Conditions	−30°C to +60°C (−22°F to +140°F)/Less than 95% RH
Storage Conditions	−40°C to +60°C (−40°F to +140°F)
Protection Grade	IP67
Structure	
Casing	Metal
Dimensions	110 mm × Φ122 mm
Net Weight	670g

Camera Structure and Dimensions