

4MP Hybrid Dual Light Active Deterrence Lite AI Fixed-Focal IPC



- 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
- Supports max. 256 G Micro SD card
- 2.8mm fixed lens (3.6mm optional)
- 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
Illuminator Control	Auto; Manual
Lens	
Lens Type	Fixed-Focal
Focal Length	2.8mm/3.6mm
Max. Aperture	F1.6
Field of View	2.8mm Horizontal: 111°,Vertical:59°,Diagonal:134° 3.6mm Horizontal: 90°,Vertical:48°,Diagonal: 108°
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
Smart Compression	H.264H+; H.264M+; H.264B+; H.265+

Lite AI Series | IPC-EF2449D-AS

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	NA
Alarm	
Arming/Disarming	NA
Sound Alarm	NA
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

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

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. 5.5W
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	Inner core + Housing: Metal; Cover: Plastic
Dimensions	103 mm × Φ101 mm
Net Weight	450g

Camera Structure and Dimensions

