

8MP Smart Dual Light Lite AI Fixed-Focal IPC



- 8MP 1/2.7" CMOS Sensor
- Support H.264+, H.265+
- IR Light: 40 m, White Light: 40m
- Support Perimeter Protection, SMD
- 2.8mm fixed lens (3.6mm/6mm optional)
- Built-in Mic(optional)
- 12 VDC/PoE power supply
- IP67 protection

Camera	
Image Sensor	1/2.7" CMOS
Max. Resolution	8MP,3840 (H) × 2160 (V)
Scanning System	Progressive
Electronic Shutter Speed	Auto/Manual 1/3 s–1/100,000 s
Min. Illumination	0.007Lux(Color); 0.0007Lux (B/W); 0Lux (Illuminator on)
S/N Ratio	> 56 dB
Illumination Distance	IR Light: 40 m, White Light: 40m
Illuminator Control	Auto; Manual
Lens	
Lens Type	Fixed-Focal
Focal Length	2.8mm/3.6mm
Max. Aperture	F1.6
Field of View	2.8 mm: Horizontal:107°; vertical: 56°; diagonal: 127° 3.6 mm: Horizontal:84°; vertical: 47°; diagonal: 97°
Iris Type	Auto
Intelligence	
Smart Motion Detection	Yes
Perimeter Protection	Intrusion, Tripwire (Support the classification of Vehicle, Human and Non-Motor)
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+
Video Frame Rate	Main Stream: 8MP (1 fps–20 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

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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	WDR
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	NA (optional)
Built-in Speaker	NA
Two-way talk	NA
Audio Compression	G.711a; G.711Mu; G.726; G.726ASF
Alarm	
Arming/Disarming	NA
Sound Alarm	NA
Light Alarm	NA
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 (Optional)
Browser	IE: IE8 and later; Chrome; Firefox
Management Software	PC Software(SVMS), APP
Mobile Client	IOS; Android
Port	
Audio Input	NA
Audio Output	NA
Alarm Input	NA
Alarm Output	NA

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Power	
Power Supply	12V DC ($\pm 30\%$)/PoE (802.3af)
Power Consumption	Basic: 2.1 W; Max:4.2W
Environment	
Operating Conditions	-30°C to $+60^{\circ}\text{C}$ (-22°F to $+140^{\circ}\text{F}$)/Less than 95% RH
Storage Conditions	-40°C to $+60^{\circ}\text{C}$ (-40°F to $+140^{\circ}\text{F}$)
Protection Grade	IP67
Structure	
Casing	Metal(pedestal: plastic)
Dimensions	70mm×70mm×170mm
Net Weight	420g