

4MP Smart Warm Light Magic Color Lite AI Fixed-Focal IPC



- 4MP 1/1.8" CMOS Sensor
- AI ISP
- Support H.264+, H.265+
- Warm Light: 40m
- Support Perimeter Protection, SMD
- 2.8mm fixed lens (3.6mm optional)
- 12 VDC/PoE power supply

Camera	
Image Sensor	1/1.8" CMOS
Max. Resolution	4MP
Scanning System	Progressive
Electronic Shutter Speed	Auto/Manual 1/3 s–1/100,000 s
Min. Illumination	0.0001 lux@F1.0
S/N Ratio	> 56 dB
Illumination Distance	Warm Light: 40m
Illuminator Control	Auto; Manual
Lens	
Lens Type	Fixed-Focal
Focal Length	2.8mm/3.6mm
Max. Aperture	F1.0
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,H.265+
Video Frame Rate	Main Stream: 4MP (1 fps–25/30 fps)
	Sub Stream: D1 (1 fps–25/30 fps)
Stream Capability	2 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	120 dB
White Balance	Yes

Magic Color Lite AI Series | IPC-BF2432C-S3

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)
Alarm	
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;DHCP;DDNS;FTP;UPNP
Interoperability	ONVIF; CGI; P2P(Optional)
Storage	SD Card (Optional)
Browser	IE: IE8 and later
Management Software	PC Software(SVMS)
Mobile Client	IOS; Android
Power	
Power Supply	12V DC (±30%)/PoE (802.3af)
Power Consumption	Max. 3W
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(pedestal: plastic)
Dimensions	70mm×70mm×170mm
Net Weight	420g