



**BLZ-8B3F**

## 8MP Smart Dual Light Bullet Fixed Lens Camera



### KEY FEATURES:

- **8MP** 1/2.7" CMOS Sensor
- Support **H.264+**, **H.265+**
- IR Light: **40m**, White Light: **40m**
- Support Perimeter Protection, SMD
- **2.8mm** fixed lens
- Built-in Mic
- **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
Max. Aperture	F1.6
Field of View	2.8 mm: Horizontal:107°; vertical: 56°; diagonal: 127°

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
Video Bit Rate	H.264: 3 Kbps–20480 Kbps H.265: 3 Kbps–20480 Kbps
Day/Night	Color/B/W
BLC, 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	Yes
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

INTELLIGENCE	
Smart Motion Detection	Yes
Perimeter Protection	Intrusion, Tripwire (Support the classification of Vehicle, Human and Non-Motor)
AI Search	Work together with NVR

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
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: 2.1 W; Max:4.2W

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

ACCESSORIES	
BLZ-BB-59	

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