



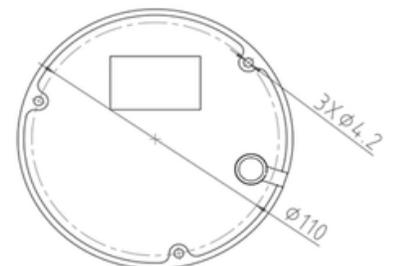
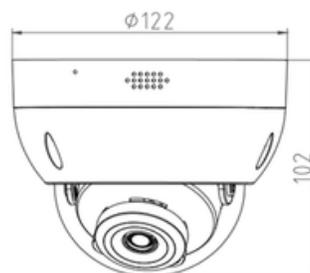
BLZ-8D3F50

8MP Smart Dual Light Active Deterrence Dome Fixed Lens Camera



KEY FEATURES:

- **8MP** 1/1.8" CMOS Sensor
- Support **H.264+**, **H.265+**
- IR distance **50m**, Warm light distance **50m**
- Perimeter Protection, Face Detection, SMD, Smart Object Detection, People Counting, Video Metadata, Parking Space Detection
- **Built-in Mic & Speaker**
- **White Light Alarm, Sound Alarm, Arm and Disarm**
- Supports max. **256 G** Micro SD card
- **2.8mm** fixed lens
- **12 VDC/PoE** power supply
- **IP67, IK10** protection



CAMERA	
Image Sensor	1/1.8" 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	0.0008 lux@F1.6(F1.0 optional) (Color, 30 IRE),0.0004 lux@F1.6(F1.0 optional) (B/W, 30 IRE),0 lux (Illuminator on)
S/N Ratio	> 56 dB
Illumination Distance	IR distance 50m, Warm light distance 50m
Illuminator Control	Auto; Manual

LENS	
Lens Type	Fixed-Focal
Focal Length	2.8mm
Max. Aperture	F1.6

VIDEO	
Compression	H.264H; H.264M; H.264B; H.265 MJPEG (Customization)
Smart Compression	H.264H+; H.264M+; H.264B+; H.265+
Video Frame Rate	Main Stream: 8MP (1 fps–25 fps) Sub Stream: D1 (1 fps–25/30 fps) Third stream: 1080P(1–25/30 fps)
Stream Capability	3 Streams
Bit Rate Control	CBR/VBR
Video Bit Rate	H.264: up to 16384 kbps; H.265: up to 16384 kbps
Day/Night	Color/B/W
BLC, HLC	Yes
WDR	140 dB
White Balance	Yes
Gain Control	Auto/Manual
Noise Reduction	3D NR
Motion Detection	OFF/ON (4 Areas, rectangular)
Image Rotation	180°
Mirror	Yes

AUDIO	
Built-in Mic	Yes
Built-in Speaker	Yes
Audio Compression	G.711a; G.711Mu; G.726; G.726ASF

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

PORT	
Audio Input	1 channel (RCA port)
Audio Output	1 channel (RCA port)
Alarm Input	1 channel
Alarm Output	1 channel
RS485	Support

INTELLIGENCE	
Smart Motion Detection	Yes
Perimeter Protection	Intrusion, tripwire; loitering detection; people gathering; Parking detection
Face Detection	Face detection; track; snapshot; snapshot optimization
Parking Space Detection	Yes
Object Detection	abandoned object; Missing object
People Counting	people counting in area
Video Metadata	Motor vehicle, non-motor vehicle, face, human body detection; Info collecting Motor vehicle attributes; Non-motor vehicle attributes; Human body attributes; Face attributes;
Heat Map	Support
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
User/Host	16 (Total bandwidth: 80 M)
Storage	FTP; Micro SD card (support max. 256 G/FAT32)
Browser	IE: IE8 and later, Chrome, Firefox, Edge
Mobile Client	IOS; Android

POWER	
Power Supply	12V DC (±30%)/PoE (802.3af)
Power Consumption	Basic: 2.5 W ; Max. 5.2W
Heating	Optional

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, IK10

STRUCTURE	
Casing	Metal
Dimensions	102 mm × Φ122 mm
Net Weight	490g

ACCESSORIES	
BLZ-BB-48	
BLZ-WM-48	

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CANADA
351 Ferrier St. Unit 5
Markham, Ontario L3R 5Z2
Tel. +1-416-410-6865
Toll Free: 1-866-843-6865

USA
417 Old Falls Blvd.
N. Tonawanda, NY 14120
Tel. +1-716-877-7277
Toll Free: 1-866-843-6865

MIDDLE EAST
PO Box No 126312
Suite 703 Oxford Tower
Business Bay, Dubai, UAE
Tel. + 971-4-2767117

www.watchnetinc.com
info@watchnetinc.com

