Watch**NET** BLZ

AI WatchNET

NDAA COMPLIANT

CE FC

BLZ-8B3V50

8MP Smart Dual Light Active Deterrence Vari-Focal Bullet Camera

WDR | Line Crossing | ICR | IR | IP67

KEY FEATURES:

- **8MP** 1/2.7" CMOS Sensor
- Support **H.264+, H.265+**
- IR distance **50m**, Warm light distance **50m**
- White Light Alarm, Sound Alarm, Arm and Disarm
- Perimeter Protection, Face Detection, SMD, Smart Object Detection, People Counting
- Built-in Mic & Speaker
- Supports max. 256 G Micro SD card
- 2.7 mm–13.5 mm 5x zoom lens
- **12 VDC/PoE** power supply
- **IP67** protection

244

77

76

55

55

4 x Ø4.7
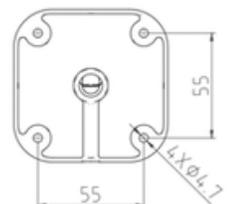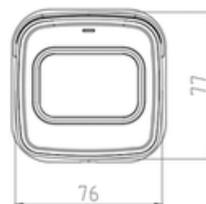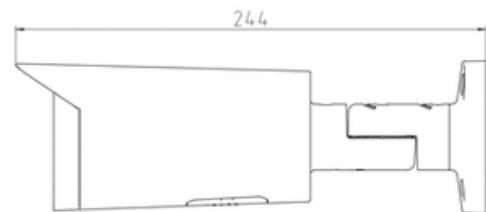
CAMERA

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 distance 50m, Warm light distance 50m
Illuminator Control	Auto; Manual

LENS

Lens Type	Motorized Vari-Focal
Focal Length	2.7 mm–13.5 mm
Max. Aperture	F1.6
Field of View	Horizontal: 109°–30°, Vertical: 56° –17°, Diagonal: 131° –35°

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–25 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	120 dB
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	Yes
Two-way talk	Yes
Audio Compression	G.711a; G.711Mu; G.726; G.726ASF

ALARM

Arming/Disarming	Yes
Sound Alarm	Yes
Light Alarm	White LED
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)
Face Detection	Yes
People Counting	Yes
Heat Map	Yes
Video Metadata	NA
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	20 (Total bandwidth: 80 M)
Storage	FTP; Micro SD card (support max. 256 G/FAT32)
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: 2.5 W; Max: 6.2W

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	244 mm × 77mm × 76mm
Net Weight	830g

ACCESSORIES

BLZ-BB-BUL	