

BLS-8MP360

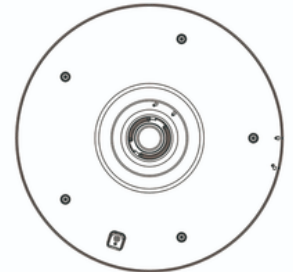
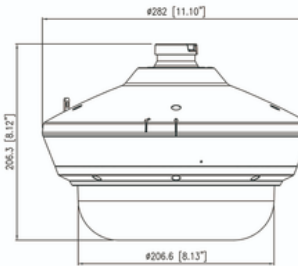
4 x 8MP 4-Directional Multi-sensor Network Camera



Features:

- Four 8MP 1/2.8" STARVIS CMOS image sensor
- 4 adjustable lenses in one camera, each lens up to 8 MP (3840 2160) @25/30 fps
- 2.7 to 13.5 mm motorized lens
- Supports face, human, and vehicle detection & capture.
- Supports human and vehicle attribute detection.
- Intelligent analytics: Intrusion, smart motion detection, single line crossing, double line crossing, loitering, wrong-way detection, area people limit, perimeter detection, illegal parking, running detection, fall detection, fight detection, enter area, and leave area, and people counting
- True WDR (120dB), 3D DNR, ROI, Defog, HLC
- Built-in microphone, 1/1 audio in/out, 4/2 alarm in/out
- Built-in microSD card slot (up to 1TB)
- Smart IR distance up to 40 m
- IP67, IK10-rated housing

Dimensions (mm)



Optional Brackets



BLS-PM-348A
Ceiling Mount



BLS-CM-07
Corner Mount

Included



BLS-WM-8360
Wall Mount



Specifications

CAMERA	
Image Sensor	4 × 1/2.8" Progressive Scan CMOS
Max. Resolution	8MP, 3840(H) × 2160(V)
Shutter Speed	1/5 to 1/100,000s
Min. illumination	Color: 0.005 Lux @ (F1.6, AGC ON), B/W: 0.001 Lux @ (F1.6, AGC ON), 0 Lux with IR on
Day & Night	Auto (ICR)
Angle Adjustment	Pan: -180° to 180°, Tilt: 0° to 130°, Rotation: 0° to 355°

LENS	
Lens Type	Varifocal lens, Motorized focal
Focal Length	2.7 to 13.5 mm
Max. Aperture	F1.6
Field of View (FOV)	H: 108.0° to 31.4°, V: 56.1° to 17.6°
Iris	Auto Iris

ILLUMINATOR	
Type	IR
IR wavelength	850 nm
Distance	Up to 40 m (131.2 ft)
Control	Auto/Manual

INTELLIGENT ANALYTICS	
AI Multi-Target	- Supports face, human, and vehicle detection & capture - Supports human and vehicle attribute detection - Supports multiple frame modes: Full Frame, Four-Corner Frame, Mosaic
Attribute Extraction	Human Attributes: Gender, age, glasses, hat, bag, upper clothing color & style, lower clothing color & style, reflective vest Vehicle Attributes: Type, color, brand, orientation
Intelligent Analysis	Intrusion, smart motion detection, single line crossing, double line crossing, loitering, wrong-way detection, area people limit, perimeter detection, illegal parking, running detection, fall detection, fight detection, enter area, and leave area - Supports accurate target classification (human/vehicle)
People Counting	Supported

IMAGE	
Image Adjustment	Brightness, Sharpness, Contrast, Saturation adjustable
Scene Mode	Indoor, Outdoor, Mirror, Corridor mode
Exposure Mode	Auto, Manual, Shutter priority
White Balance	Auto, Tungsten, Fluorescent, Daylight, Shadow, Manual
Day/Night Setting	Auto, Day, Night, Timer
Noise Reduction	2D/3D DNR
Image Enhancement	WDR, HLC, BLC, Defog
Wide Dynamic Range	True WDR (120dB)
Privacy Masking	Up to 4 × 4 areas

EVENT	
Alarm Triggers	IVS, Motion detection, Alarm input, Network alarm, Disk alarm, Day/Night switch alarm, Abnormal sound detection
Event Actions	Alarm record, Alarm output, FTP upload, SMTP upload, Snapshot, Audible alarm output

VIDEO & AUDIO	
Number of Streams	3 Streams
Resolution	Stream1: 3840 × 2160, 2592 × 1944, 2592 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080, 1280 × 720 Stream2: D1, VGA, CIF Stream3: VGA, CIF, QVGA
Frame Rate	Up to 25/30fps
Bit Rate Control	CBR/VBR
Bit Rate	Stream1: 200 Kbps to 16 Mbps Stream2: 100 Kbps to 6 Mbps Stream3: 100 Kbps to 3 Mbps
Smart Encoding	Supported
Region of Interest (ROI)	Off / On (8 Zone, Rectangle)
Audio Compression	G.711 A-law, G.711 μ-law, RAW_PCM
Audio Bit Rate	64 Kbps (G.711), 128 Kbps (RAW_PCM)

NETWORK	
Protocols	IPv4/IPv6, HTTP/HTTPS, DNS, DDNS, DHCP, PPPoE, RTSP/ RTCP/RTP, TCP/UDP, NTP, ARP, UPnP, FTP, SMTP, QoS, ICMP, IGMP, SMTP, 802.1x, SNMP, Multicast
Application Programming Interface	ONVIF (Profile S/T/G/M), SDK, CGI
Max Concurrent Streams	10 channels
User/Host Level	32+ users, 3 levels: Administrator, Operator, Media user
Web Viewer	<IE11, Chrome, Firefox, Microsoft Edge

SECURITY	
OS / Firmware Protect	Encrypted firmware, Secure boot, Signed firmware
User Authentication	Digest authentication, Prevent brute-force attack
Network Authentication	IEEE 802.1X (EAP-TLS)
Secure Communication	HTTPS, WSS(WebSocket Secure), SRTP
Access Control	IP-based access control, Auto logout
Data Protect	Encryption credentials
Audit	Access / System / Event Log management
Secure Storage	SDcard partition encrypt(AES-256), Secure element
Supply Chain Security	SBOM

INTERFACE	
Network Interface	1 × Ethernet (10/100 Base-T), RJ-45 connector
Built-in Microphone	Supported
Audio Interface	1ch Input, 1ch Output
Alarm Interface	4ch Input, 2ch Output
RS-485	1 RS-485
CVBS Output	Supported
SD Card Slot	Built-in microSD card slot, up to 1 TB
Reset Button	Supported

DORI DISTANCE (EN62676-4 STANDARD)	
Detect	95 to 290 m (311.7 to 951.4 ft)
Observe	38 to 116 m (124.7 to 380.6 ft)
Recognize	19 to 58 m (62.3 to 190.3 ft)
Identify	9.5 to 29 m (31.2 to 95.1 ft)

GENERAL	
Language	English, Chinese, Traditional Chinese, Polish, Italian, Portuguese, Spanish, Russian, French, Czech, Hungarian, Japanese, Korean. Default: English
Power Supply	12 VDC (-15% to +25%) / PoE+ (802.3at)
Power Consumption	Typical: 10.8 W (12 VDC) / approx. 13.5 W (PoE) Max (IR on): 20.2 W (12 VDC) / approx. 25.3 W (PoE)
Operating Temperature	-40°C to 60°C (-40°F to 140°F)
Operating Humidity	Less than 95% RH
Ingress Protection	IP67, IK10
Certifications	CE-EMC - EN 55032, EN IEC 61000-6-4, EN IEC 61000-3-2, EN 61000-3-3, EN 55035, EN 50130-4 FCC 47 CFR Part 15 Subpart B
Material	Aluminum alloy body, bubble: plastic
Dimensions	Φ282 × 206.3 mm (φ11.1 × 8.12 inch) , (Bracket not included)
Net Weight	Approx. 4 kg (8.82 lb), (Bracket not included)

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