

8MP Smart Dual Light Turret Network Camera

LXIP3C83WI-MDAZ



Key Features

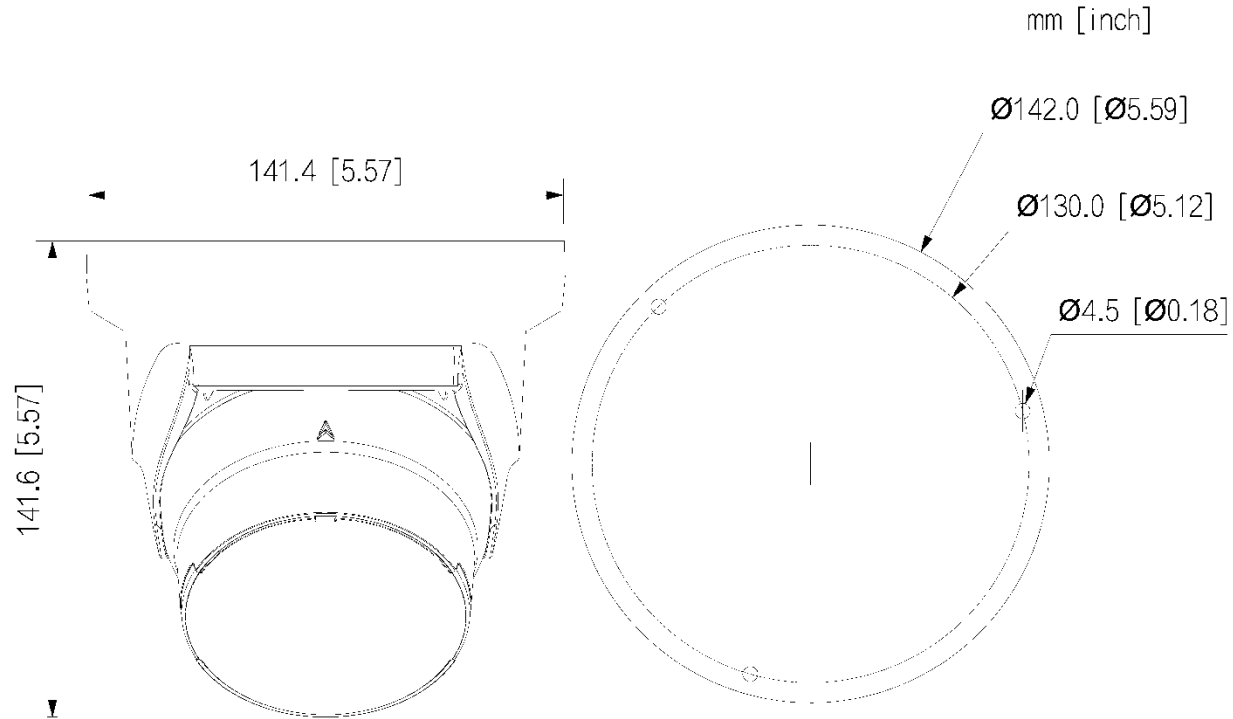
- Outputs max. 8MP (3840 × 2160) @30fps
- 1/1.8' CMOS image sensor
- Min. Illumination 0.001 Lux @ F1.2 (Color, 30 IRE), 0 Lux with illuminator on
- Smart Dual Light configuration with built-in IR LED & warm light LED, Matrix illuminator distance up to 131ft
- 120dB True WDR, 3D DNR, HLC, BLC
- MD2.0, human & vehicle identification
- Intelligent Analysis: VCA, Face Detection, People Counting, Video Metadata, Heat Map
- Support X Search
- Built-in MIC
- Alarm and Audio in & out interface
- Built-in Micro SD card slot, up to 512 GB
- 12 VDC/PoE power supply, X-POE
- IP67 protection

Specification

Camera	
Image Sensor	1/1.8" 8Megapixel progressive CMOS
Min. Illumination	0.001 Lux @ F1.2 (Color, 30 IRE), 0.002 Lux@F1.2 (B/W, 30 IRE) , 0 Lux with illuminator on
Shutter	Auto/Manual 1/3 s-1/100,000 s
S/N Ratio	> 50 dB
Noise Reduction	3D NR
Wide Dynamic Range	120 dB
Day & Night	Auto(ICR)/Color/B/W
Angle Adjustment	Pan: 0°-360°, Tilt: 0°-78°, Rotation: 0°-360°
Lens Type	Motorized Vari-focal 2.7 - 12 mm@F1.2
Field of View	Horizontal: 112° - 48°, Vertical: 58° - 27°, Diagonal: 137° - 55°
Close Focus Range	0.16 m (0.52ft)
DORI	2.7 - 12mm, Detect: 87.6m - 186.6m (287.40ft - 612.20ft), Observe: 35.0m - 74.6m (114.83ft - 244.75ft), Recognize: 17.5m - 37.3m (57.41ft - 122.38ft), Identify: 8.8m - 18.7m (28.87ft - 61.35ft)
Illuminator	4 Dual-core LED (IR and warm light), Support Smart Dual Light
Illumination Range	IR: Up to 40 m (131.2 ft) , Warm light: Up to 40 m (131.2 ft)
Illuminator Control	Auto/Manual
Video	
Video Compression	H.265, H.264, MJPEG (Only supported by the sub stream)
Resolution	8M (3840 × 2160), 6M (3072 × 2048), 5M (3072 × 1728/2592 × 1944), 4M (2688 × 1520), 3.6M (2560 × 1440), 3M (2048 × 1536), 2M(2304 × 1296), 1080p (1920 × 1080), 1.3M (1280 × 960), 720p (1280 × 720), D1 (704 × 576/704 × 480), VGA (640 × 480), CIF (352 × 288/352 × 240)
Video Frame Rate	Main stream: 3840 × 2160@30 fps Sub stream: D1@30 fps Third stream: 1080p@30 fps
Bit Rate Control	CBR, VBR
Video Bit Rate	H.264: 32kbps~16384kbps H.265: 12kbps ~13568kbps
ROI	Supported (4 areas)
Image Rotation	0°/90°/180°/270° (Support 90°/270° with 4MP resolution and lower)
Mirror	Supported
Privacy Mask	Supported (4 areas)
Defog	Supported
Audio	
Built-in MIC	Yes
Audio Compression	G.711a, G.711Mu, PCM
Intelligent Analysis	
VCA	Tripwire, intrusion (Support the classification and accurate detection of vehicle and human)
MD2.0	Supported, vehicle and human identification
Face Detection	Supported
Heat Map	Supported
People Counting	Tripwire people counting and people counting in area, generating and exporting report (day/ month/year)
X Search	Supported, need work with Pro-X 9 series NVR.
Video Metadata	Supported
Object Monitoring	Supported
Event	

Alarm Event	No SD card, SD card full, SD card error, network disconnection, IP conflict, illegal access, motion detection, video tampering, tripwire, intrusion, abandoned object, missing object, loitering detection, people gathering, scene changing, audio detection, voltage detection, external alarm, face detection, MD2.0, security exception, people detection, area people counting, stay alarm, people counting, people number exception detection
Network	
Protocol	IPv4, IPv6, HTTP, TCP, RTSP, RTMP, SNMP, FTP, NAS, DHCP, DDNS, QoS, UPnP, NTP, Multicast, NFS, PPPoE, SNMP
Interoperability	ONVIF (Profile S & Profile G & Profile T), API, SDK
Storage	FTP, Micro SD card (support max. 512 GB), NAS
Web Browser	Chrome, Firefox
APP	PRO-X
Interface	
Audio I/O	1 Input, 1 Output
Alarm I/O	1 Input(Max. 5 VDC, 5 mA), 1 Output(Max. 12 VDC, 300 mA)
Network	RJ-45 (10/100 Base-T)
General	
Power	12 VDC / PoE (802.3af) / X-PoE
Power Consumption	12 VDC: Max 12.1W, Typical 5W / PoE: Max 12.9W, Typical 5.7W
Housing	Metal
Dimensions	Φ 142.0mm × 141.6mm (Φ 5.61" × 5.57")
Operating Conditions	-30°C to +60°C (-22°F to +140°F)/less than 95% RH, non-condensing
Storage Conditions	-40°C to +60°C (-40°F to +140°F)
Protection Grade	IP67
Net Weight	0.92 kg (2.0 lb)
Gross Weight	1.09 kg (2.4 lb)
Certification	FCC

Dimensions (mm[inch])



Accessories

LXJB05 Junction Box	LXWM05 Wall Mount Bracket	LXWM05 + LXPM01 Pole Mount Bracket
		