



5.1 MP Dome Network Camera With High IQ and Motorized Lens

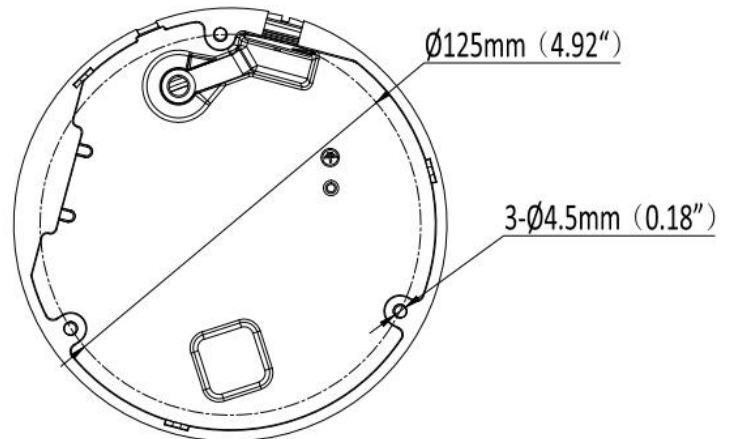
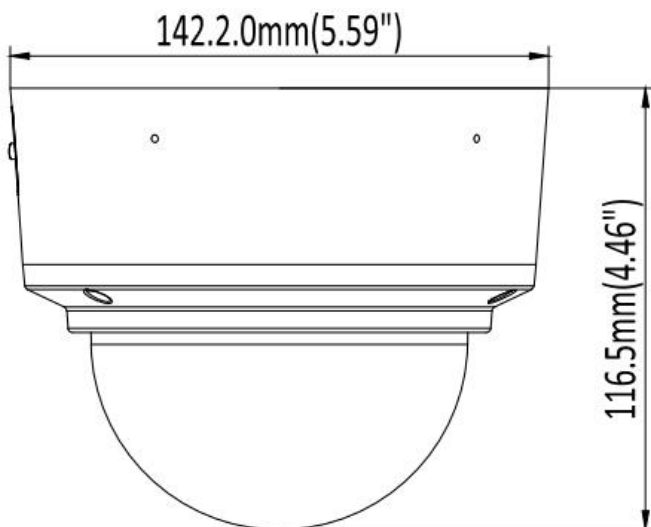
- 5MP High-Resolution Imaging
- High IQ: Extreme AI Analytics
- Smart Target Recognition of humans & vehicles powered by deep learning
- 120 dB true WDR Technology
- IP67: Water and dust resistant
- IK10: Vandal-Proof
- Embedded Microphone, audio and alarm interface
- Advanced H.265+ Compression



In short

This 5MP high-resolution surveillance camera features extreme AI analytics and a motorized varifocal lens for quick remote zoom and focus adjustments. It includes 120 dB true WDR, deep learning for enhanced human and vehicle recognition, IP67 water and dust resistance, IK10 vandal protection, built-in microphone with audio and alarm interface, and advanced H.265+ compression.

Dimensions



*Design and specifications are subjects to change without notice.

Technical Specifications

Camera: LGNXDO5IQWA				
Image Sensor	1/2.7" Progressive Scan CMOS Sensor			
Minimum Illumination	Color: 0.006 Lux (F1.6 , AGC ON) , 0 Lux with light			
Illumination Range	50m / 164.04ft (IR light)			
Embedded Features	Built-in Mic, Built-in Reset Button, Smart IR Light, Strobe Light			
External Features	DC12V ± 25%			
Viewing Angle	Pan: 0° ~ 355° Tilt: 0° ~ 75° Rotation: 0° ~ 355°			
Lens				
Focal Length	2.7 ~ 13.5 mm			
Aperture	F1.6			
Field of View	2.7 ~ 13.5 mm: Horizontal FOV: 112° ~ 35.5°, Vertical FOV: 59° ~ 20°, Diagonal FOV: 134° ~ 41°			
Thread Mount	Φ 14			
DORI 2.7 ~ 13.5 mm	Detection	Observe	Recognize	Identify
	72-206m	27.9-81.5m	14-40.8m	7-20.4m
Camera Image				
Maximum Resolution	5MP (2880 x 1620)			
Frame Rate	Main Stream			
	50Hz: 25fps 5MP (2880 × 1620), 25fps 4MP (2688 × 1520), 25fps 4MP (2560 × 1440), 25fps 1080P (1920 × 1080)			
	60Hz: 30fps 5MP (2880 × 1620), 30fps 4MP (2688 × 1520), 30fps 4MP (2560 × 1440), 30fps 1080P (1920 × 1080)			
	Sub Stream			
	50Hz: 25fps 720P (1280 × 720), 25fps D1 (704 × 576), 25fps CIF (352 × 288)			
	60Hz: 30fps 720P (1280 × 720), 30fps D1 (704 × 480), 30fps CIF (352 × 240)			
	Third Stream			
	50Hz: 25fps CIF (352 × 288)			
	60Hz: 30fps CIF (352 × 240)			
Image Calibration	Brightness / Contrast / Hue /Saturation / Sharpness			
Shutter Time	Auto/Manual, 1/3 ~ 1/100000s			
Day/Night	IR Cut Filter			
Wide Dynamic Range	120 dB			
Digital Noise Reduction	2D/3D DNR			
Image Features	Backlight Compensation (BLC), Highlight Compensation (HLC), Region of Interest (ROI), Rotation			

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Technical Specifications

Compression	
Video Compression	H.265+ / H.265 / H.264 / H.264+ / MJPEG
H.265 Codec Profile	Main Profile
H.264 Codec Profile	Base / Main / High profile
Video Bit Rate	11 Kbps ~ 10 Mbps
Video Stream	Triple
Audio Compression	G.711A, G.711U
Audio Bit Rate	64 Kbps
Intelligent Features	
Standard Events	Motion detection (supports alarm triggering based on specified target types, such as humans and vehicles), Video Tampering
Advanced Events	Advanced motion analysis, boundary crossing, zone penetration, sector access, perimeter exit (supports alarm activation based on specified target categories: person and vehicle) and Scene Alteration Detection
Face Detection	Supported
Network	
Network Storage	NAS (NFS, SMB/CIFS), ANR
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, NTP, IGMP, UPnP, SMTP, UPnP-TM, P2P
System Compatibility	Onvif (Profile S, Profile G, T), SDK
Security	Password protection, complex passwords, HTTPS encryption, IP address filtering, basic and digest authentication for HTTP/HTTPS, TLS 1.1/1.2, WSSE and digest authentication for Open Network Video Interface
Users	Maximum 40 users
Web Browsers	Internet Explorer 10 and 11 need a plug-in for live view support. Chrome 57.0+ and Firefox 52.0+ are required for local service.
Mobile Surveillance	iOS, Android
Hardware	
Ethernet	1 RJ45 10 M/100 M self-adaptive Ethernet port
Storage	Up to 256GB
Audio I/O	1/1
Alarm I/O	1/1
General	
Working Conditions	-40°C ~ 60°C (-40°F ~ 140°F) Humidity 95% or less (non-condensing)
Power Supply	DC12V ± 25%/ PoE (802.3 af)
Power Consumption	Less than 9.5W
Protection Level	IP67
IR Rating	IK10
Material	Metal
Dimensions	Φ 142.2 × 116.5 mm (Φ 5.59" × 4.46")
Weight	2.25lb / 1020g

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What you may need



XLGNXLB12C
Junction Box
Φ142 mm × 46.5mm



XLGNXPM03
Pole Mount
Φ170mm × 135.8mm × 43.7mm



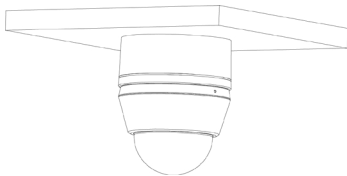
XLGNXLB07C
Wall Mount
Φ136mm × 120mm x 208mm



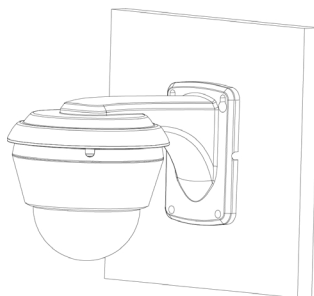
XLGNXCM700
Pendant Mount Bracket
Φ116 mm × 734.5 mm

Accessories Mount

XLGNXLB12C



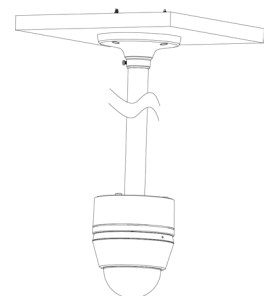
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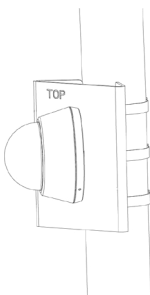
**XLGNXLB12C +
XLGNXLB07C**



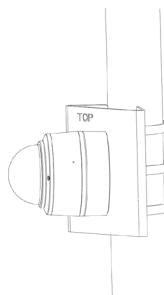
**XLGNXLB12C +
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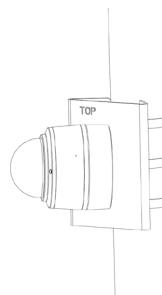
XLGNXPM03



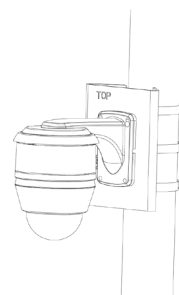
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