



4K Dome Network Camera with High IQ, Fixed Lens

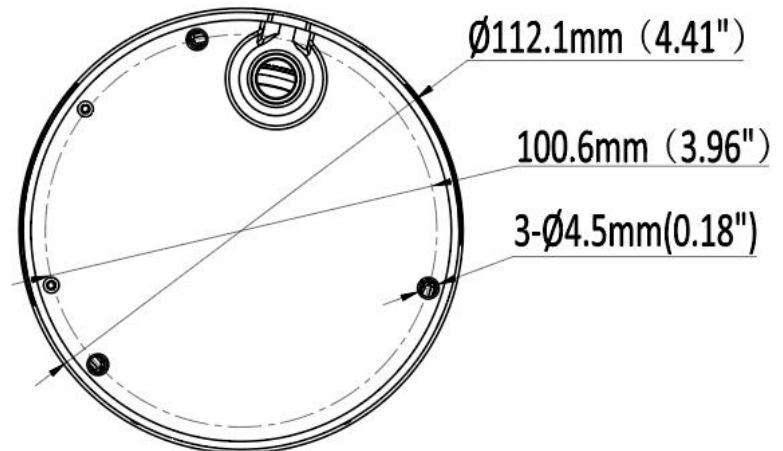
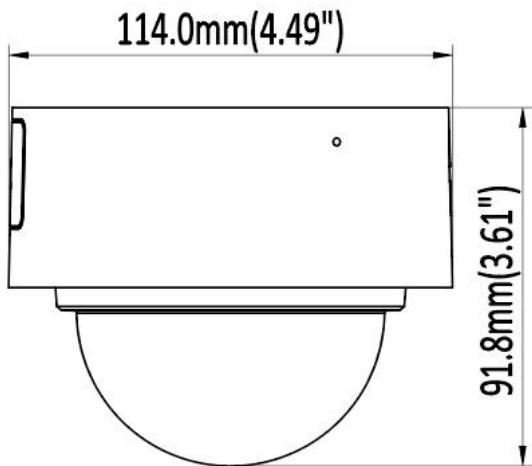
- 8MP High-Resolution Imaging
- High IQ: Extreme AI Analytics
- Smart Target Recognition of humans & vehicles powered by deep learning
- 120 dB true WDR Technology
- IP67: Water and dust resistant
- IK10: Vandal-Proof
- Built-in microphone for live audio
- Advanced H.265+ Compression



In short

This advanced surveillance camera offers 8MP high-resolution imaging and extreme AI analytics, ensuring smart target recognition of humans and vehicles powered by deep learning. Featuring 120 dB True WDR technology, IP67 water and dust resistance, IK10 vandal-proof protection, a built-in microphone for live audio, and advanced H.265+ compression, it provides reliable security in any environment.

Dimensions



*Design and specifications are subjects to change without notice.

Technical Specifications

Camera: LGNXDO4KIWF				
Image Sensor	1/2.8" Progressive Scan CMOS Sensor			
Minimum Illumination	Color: 0.006 Lux (F1.6 , AGC ON) , 0 Lux with light			
Illumination Range	30m / 98.43ft (IR light)			
Strobe Light	Supported			
Embedded Features	Built-in Mic, Built-in Reset Button, Smart IR Light, Illuminator (Warm Light), Strobe Light			
External Features	DC12V ± 25%			
Viewing Angle	Pan: 0° ~ 355° Tilt: 0° ~ 75° Rotation: 0° ~ 355°			
Lens				
Focal Length	2.8mm			
Aperture	F1.6			
Field of View	2.8mm: Horizontal FOV: 106°, Vertical FOV: 58°, Diagonal FOV: 125°			
Thread Mount	M12			
DORI 2.8mm	Detection	Observe	Recognize	Identify
	88m	34.7m	17.4m	8.7m
Camera Image				
Maximum Resolution	8MP (3840 × 2160)			
Frame Rate	Main Stream			
	50Hz: 25fps 8MP (3840 × 2160), 25fps 6MP (3200 × 1800), 25fps 5MP (3072 × 1728), 25fps 4MP (2560 × 1440), 25fps 1080P (1920 × 1080)			
	60Hz: 30fps 8MP (3840 × 2160), 30fps 6MP (3200 × 1800), 30fps 5MP (3072 × 1728), 30fps 4MP (2560 × 1440), 30fps 1080P (1920 × 1080)			
	Sub Stream			
	50Hz: 25fps 720P (1280 × 720), 25fps D1 (704 × 576), 25fps CIF (352 × 288) (Default D1)			
	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 ~ 16 Mbps
Video Stream	Triple
Audio Compression	G.711A, G.711U
Audio Bit Rate	64 Kbps
Intelligent Features	
Standard Events	Motion Detection (supports alarm activation based on designated target types, including 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
NDAA Compliant	Completely
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 9W
Protection Level	IP67
IK Rating	IK10
Material	Metal
Dimensions	Φ 114 × 91.8 mm (Φ 4.49" × 3.61")
Weight	1.76lb / 800g

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What you may need



XLGNXLB10
Junction Box
Φ112.5 mm × 49.5mm



XLGNXPM03
Pole Mount
Φ170mm × 135.8mm × 43.7mm



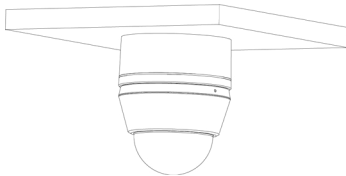
XLGNXLB14C
Wall Mount
Φ120mm × 105.8mm x 183.5mm



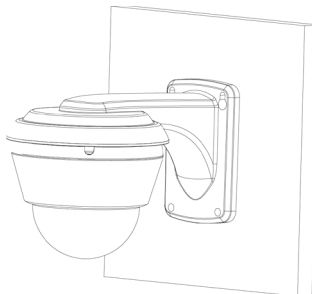
XLGNXCM700
Pendent Mount Bracket
Φ116 mm × 734.5 mm

Accessories Mount

XLGNXLB10



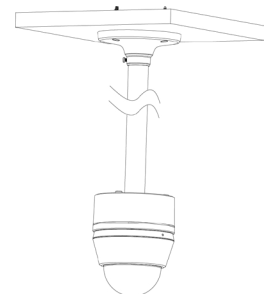
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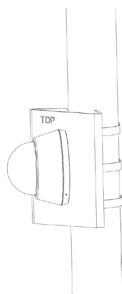
**XLGNXLB10 +
XLGNXLB14C**



**XLGNXLB10 +
XLGNXCM700**



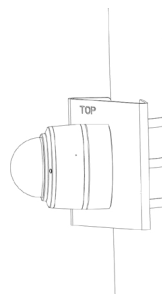
XLGNXPM03



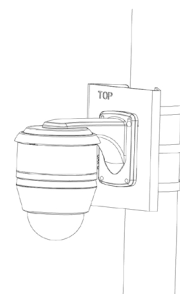
**XLGNXPM03 +
XLGNXLB14C**



**XLGNXPM03 +
XLGNXLB10**



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