LEGEND NX

LGNXTO4IRF

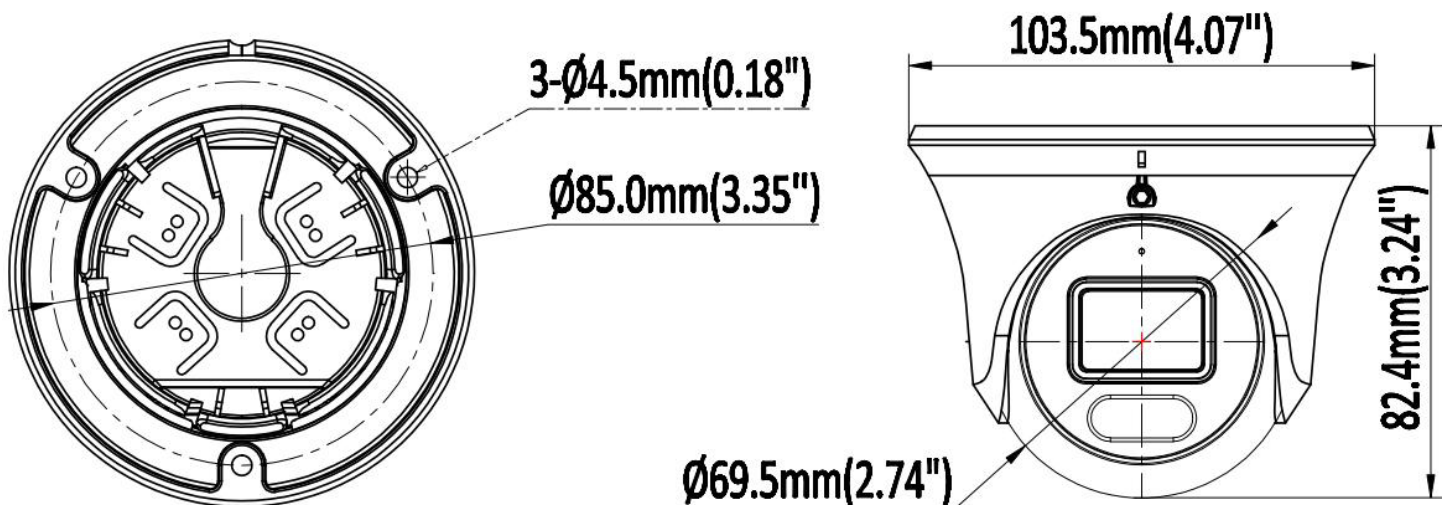## 4.1MP Fixed Turret Network Camera

- 4MP High-Resolution Imaging
- Smart Target Recognition of humans & vehicles powered by deep learning
- IP67: Water and dust resistant
- Advanced H.265+ Compression
- Built-in Microphone

NDAA Compliant

4 MP		Built-in Mic	IP67

In short

This advanced surveillance camera delivers 4MP high-resolution imaging and smart target recognition of humans and vehicles powered by deep learning for precise and efficient detection. Featuring Digital Wide Dynamic Range technology, IP67 water and dust resistance, a built-in microphone for audio monitoring, and advanced H.265+ compression, it ensures reliable security in any environment.

Dimensions

3-Ø4.5mm(0.18")

Ø85.0mm(3.35")

103.5mm(4.07")

82.4mm(3.24")

Ø69.5mm(2.74")

*Design and specifications are subjects to change without notice.

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Technical Specifications

Camera: LGNXTO4IRF	
Image Sensor	1/2.7 4MP Progressive Scan CMOS Sensor
Minimum Illumination	0.03 Lux at F2.0 (Color, 30IRE); 0.003 Lux at F2.0 (B/W, 30IRE) 0 Lux (illuminator on)
Illuminated Reach	Smart IR: 30m
Embedded Features	Built-in Mic, Smart Illumination
External Features	DC12V ± 25%
Viewing Angle	Pan: 0° ~ 360° Tilt: 0° ~ 75° Rotation: 0° ~ 360°
Lens	
Focal Length	2.8 mm
Aperture	F2.0
Field of View	2.8 mm: Horizontal FOV: 101°, Vertical FOV: 56°, Diagonal FOV: 118°
Lens Mount	M12
Camera Image	
Maximum Resolution	4MP (2688 × 1520); 3MP (2304 × 1296); 1080p (1920 × 1080); 1.3MP (1280 × 960); 720p (1280 × 720); D1 (704 × 576/704 × 480); VGA (640 × 480); CIF (352 × 288/352 × 240)
Frame Rate	**Main Stream**
	2688 × 1520 at 1 to 25/30 fps
	Sub Stream
	704 × 576 (1 fps to 25 fps); 704 × 480 (1 fps to 30 fps)
Image Calibration	Brightness / Contrast / Hue / Saturation / Sharpness
Shutter Time	Auto/Manual, 1/3 ~ 1/100000s
Day/Night	Color / Black & White
Wide Dynamic Range	Digital Wide Dynamic Range
Digital Noise Reduction	2D/3D DNR
Supported Features	Backlight Compensation (BLC), Highlight Compensation (HLC), Region of Interest (ROI), Rotation
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 ~ 6 Mbps
Video Stream	Triple
Audio Compression	G.711A, G.711U
Audio Bit Rate	64 Kbps

Technical Specifications

Intelligent Features	
Standard Events	Motion detection, Video Tampering
Advanced Events	Line Crossing Detection, Area Intrusion, Monitoring entry and exit for specific regions (supports alarm triggering by specified target types: human and vehicle)
Network	
Network Storage	NAS (NFS, SMB/CIFS)
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	Filtering of IP addresses, standard and encrypted authentication for HTTP/HTTPS, secure communication protocols TLS 1.1/1.2, WSSE, and encrypted verification for Open Network Video Interface ensure robust security measures.
Users	Maximum 10 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 4.7W
Protection Level	IP67, 2KV
Material	Metal
Dimensions	Φ103.5 x 82.4 mm / Φ.4.07" x 3.35"
Weight	0.99lb / 450g

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What you may need

XLGNXLB10
Junction Box
Φ112.5 mm × 49.5mm

XLGNXPM03
Pole Mount
Φ170mm × 135.8mm × 43.7mm
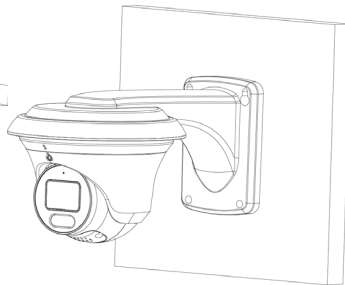

XLGNXLB14C
Wall Mount
Φ120mm × 105.8mm x 183.5mm

XLGNXCM700
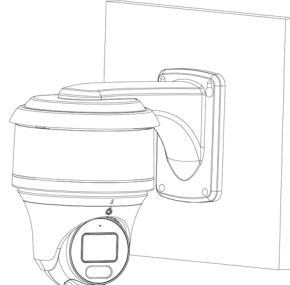Pendant Mount Bracket
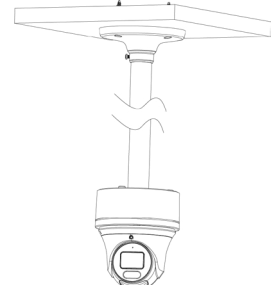Φ116 mm × 734.5 mm

Accessories Mount

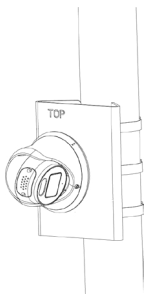**XLGNXLB10**

XLGNXLB14C

**XLGNXLB10 +
XLGNXLB14C**

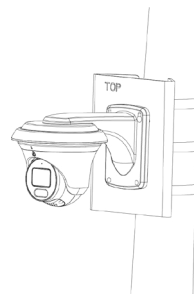**XLGNXLB10 +
XLGNXCM700**

XLGNXPM03

**XLGNXPM03 +
XLGNXLB10**

**XLGNXPM03 +
XLGNXLB14C**

**XLGNXPM03 + XLGNXLB10 +
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