LEGEND NX
LGNXT04KDIWFB

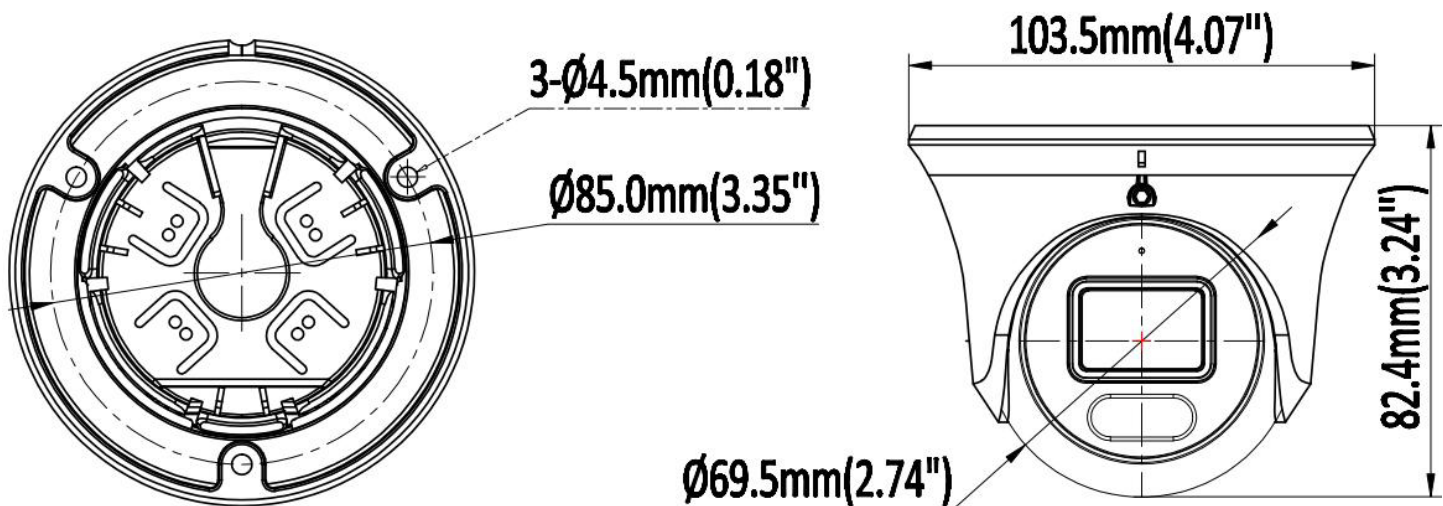## 4K Black Turret Network Camera, Intelligent Dual Light, Fixed Lens

- 8MP (4K) High-Resolution Imaging
- Smart Target Recognition of humans & vehicles powered by deep learning
- 120 dB true WDR Technology
- IP67: Water and dust resistant
- Built-in microphone, audio & alarm interface
- Advanced H.265+ Compression

NDAA Compliant

IP67 | WDR 120dB | Built-in Mic | 4K

In short

This advanced surveillance camera delivers 8MP high-resolution imaging and smart target recognition of humans and vehicles powered by deep learning for accurate and efficient classification. Featuring 120 dB True WDR technology, IP67 water and dust resistance, a built-in microphone with audio and alarm interface, and advanced H.265+ compression, it provides 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")

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Technical Specifications

Camera: LGNXTO4KDIWFB	
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	30m / 98.43ft (IR light) 30m / 98.43ft (Warm Light)
Embedded Features	Built-in Mic, Built-in Reset Button Smart IR Light, Illuminator (Warm Light)
External Features	DC12V ± 10%
Viewing Angle	Pan: 0° ~ 360° Tilt: 0° ~ 75° Rotation: 0° ~ 360°

Lens	
Focal Length	2.8 mm
Aperture	F1.6
Field of View	2.8 mm: Horizontal FOV: 110°, Vertical FOV: 58°, Diagonal FOV: 128°
Thread Mount	M12

Camera Image		
Maximum Resolution	8MP (3840 × 2160)	
Frame Rate	**Main Stream**	
	50Hz: 20fps 8MP (3840 × 2160), 20fps 6MP (3200 × 1800), 25fps 5MP (3072 × 1728), 25fps 4MP (2560 × 1440), 25fps 1080P (1920 × 1080)	
	60Hz: 20fps 8MP (3840 × 2160), 20fps 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 / Saturation / Hue / 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	
Supported Features	Backlight Compensation (BLC), Highlight Compensation (HLC), Region of Interest (ROI), Rotation, Defog	

Compression	
Video Compression	H.265+ / H.265 / H.264+ / H.264 / MJPEG
H.264 Codec Profile	Base / Main / High profile
H.265 Codec Profile	Main Profile
Video Bit Rate	11 Kbps ~ 13 Mbps
Video Stream	Triple
Audio Compression	G.711A, G.711U
Audio Bit Rate	64 Kbps

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Technical Specifications

Intelligent Features	
Standard Events	Motion detection, Video Tampering
Advanced Events	Advanced motion analysis, boundary crossing, zone penetration, monitoring entry and exit for specific regions (supports alarm activation based on specified target categories: person and vehicle), rapid movement detection, loitering identification, blur detection, scene alteration detection, audio anomaly detection, unattended object detection, missing object detection, and parking monitoring.
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	User authentication, IP address filtering, Video mask
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	-30°C ~ 60°C (-22°F ~ 140°F) Humidity 95% or less (non-condensing)
Power Supply	DC12V ± 10% / PoE (802.3 af)
Power Consumption	Less than 6.3W
Protection Level	IP67
Material	Metal
Dimensions	Φ 103.5 × 82.4 mm (Φ 4.07" × 3.24")
Weight	0.99lb / 450g

What you may need

XLGNXLB10B
Junction Box
Φ112.5 mm × 49.5mm

XLGNXPM03
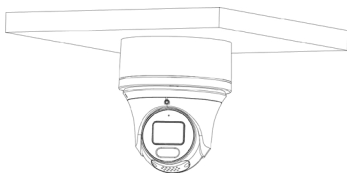Pole Mount
Φ170mm × 135.8mm × 43.7mm
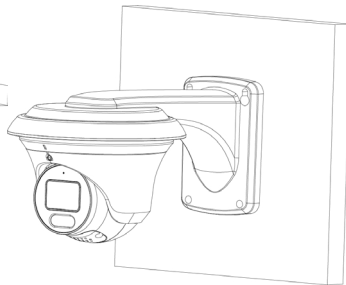
XLGNXLB14CB
Wall Mount
Φ120mm × 105.8mm x 43.7mm

XLGNXCM700
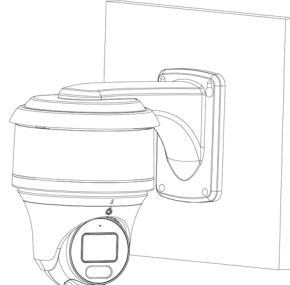Pendant Mount Bracket
Φ116 mm × 734.5 mm
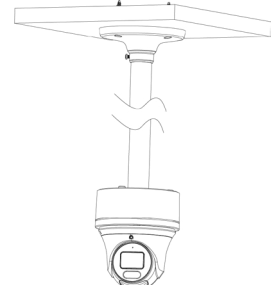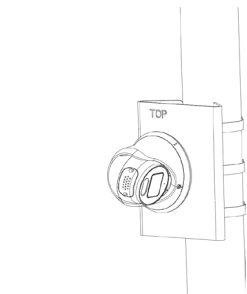
Accessories Mount

XLGNXLB10

XLGNXLB14C

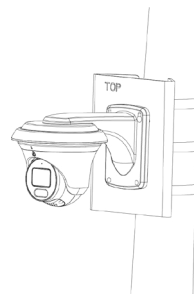**XLGNXLB10 + XLGNXLB14C**

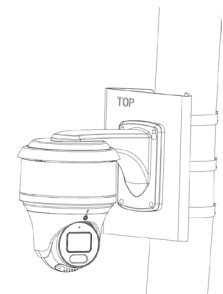**XLGNXLB10 + XLGNXCM700**

XLGNXPM03

XLGNXPM03 + XLGNXLB10

XLGNXPM03 + XLGNXLB14C

XLGNXPM03 + XLGNXLB10 + XLGNXLB14C

*Design and specifications are subjects to change without notice.

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