LEGEND NX

LGNXTO4KDIWF

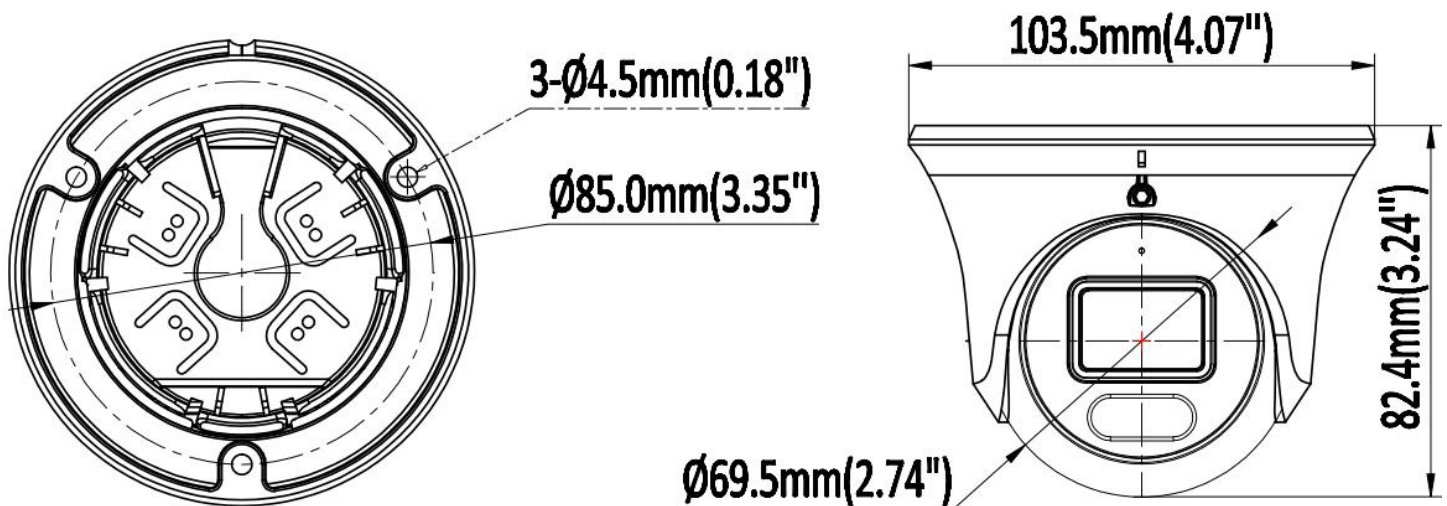## 4K Turret Network Camera, Intelligent Dual Light, Fixed Lens

- 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
- IK10: Vandal Resistant
- Built-in microphone
- Advanced H.265+ Compression

NDAA Compliant

IP67 | IK10 | Built-in Mic | | 4K | WDR 120dB

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")

*Design and specifications are subjects to change without notice.

INAXSYS SECURITY SYSTEMS INC.

Technical Specifications

Camera: LGNXTO4KDIWF	
Image Sensor	1/2.7" Progressive Scan CMOS Sensor
Illumination Range	Color: 0.006 Lux (F1.6 , AGC ON), 0 Lux with light
Illuminated Reach	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 (sub stream)
H.265 Codec Profile	Main Profile
H.264 Codec Profile	Base / Main / High profile
Video Bit Rate	11 Kbps ~ 13 Mbps
Video Stream	Triple
Audio Compression	G.711A, G.711U
Audio Bit Rate	64 Kbps

INAXSYS
SECURITY SYSTEMS INC.

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 IK10
Material	Metal
Dimensions	Φ 103.5 × 82.4 mm (Φ 4.07" × 3.24")
Weight	0.99lb / 450g

What you may need

XLGNXLB10
Junction Box
Φ112.5 mm × 49.5mm

XLGNXPM03
Pole Mount
Φ170mm × 135.8mm × 43.7mm

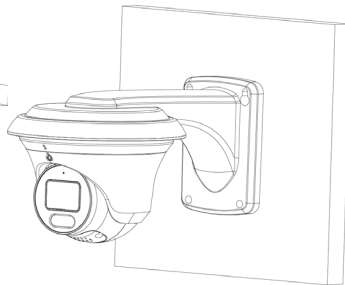**XLGNXLB14C**
Wall Mount
Φ120mm × 105.8mm x 43.7mm

XLGNXCM700
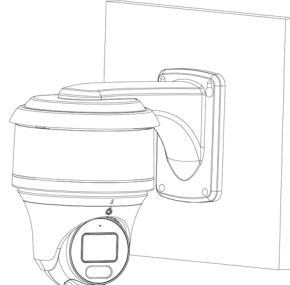Pendant Mount Bracket
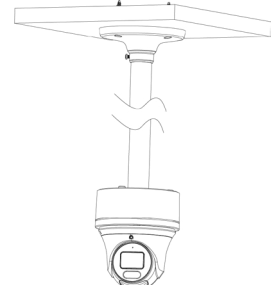Φ116 mm × 734.5 mm

Accessories Mount

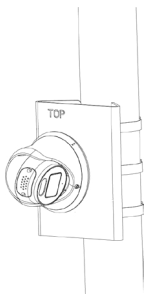**XLGNXLB10**

XLGNXLB14C

XLGNXLB10 + XLGNXLB14C

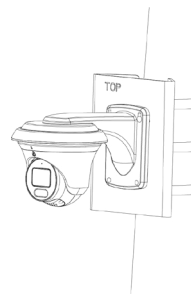**XLGNXLB10 + XLGNXCM700**

XLGNXPM03

XLGNXPM03 + XLGNXLB10

XLGNXPM03 + XLGNXLB14C

XLGNXPM03 + XLGNXLB10 + XLGNXLB14C

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