LEGEND NX
LGNXTO5DIWFB

5.1 MP Black Turret Network Camera, Intelligent Dual Light Fixed Lens
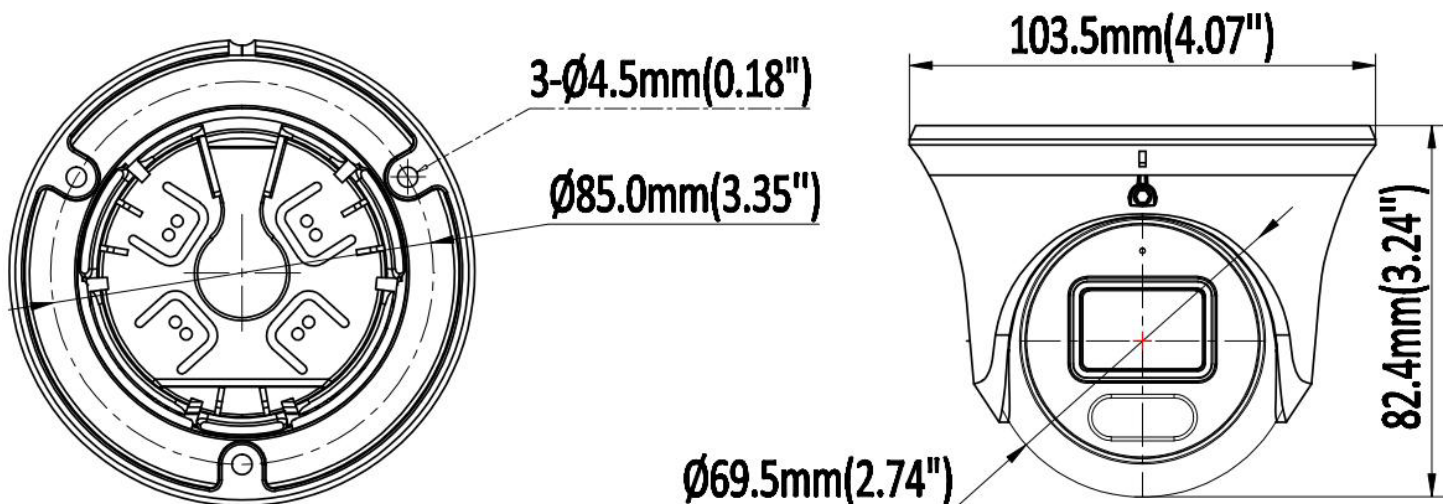
NDAA Compliant

- 5MP 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
- Advanced H.265+ Compression

IP67 | WDR 120dB | Built-in Mic

In short

This advanced surveillance camera delivers 5MP high-resolution imaging and smart target recognition of humans and vehicles powered by deep learning. It features 120 dB true WDR technology, IP67-rated water and dust resistance, a built-in microphone, and advanced H.265+ compression. These cutting-edge features ensure reliable and intelligent 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: LGNXTO5DIWFB	
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-on Reset, Smart IR Light, Illuminator (Warm Light)
External Features	DC12V ± 25%
Viewing Angle	Pan: 0° ~ 360° Tilt: 0° ~ 75° Rotation: 0° ~ 360°
Lens	
Focal Length	2.8mm
Aperture	F1.6
Field of View	2.8mm: Horizontal FOV: 114°, Vertical FOV: 61°, Diagonal FOV: 135°
Lens Mount	M12
Camera Image	
Maximum Resolution	5MP (2960 × 1664)
Frame Rate	**Main Stream**
	50Hz: 20fps 5MP (2960 × 1664), 25fps 4MP (2688 × 1520), 25fps 4M (2560 × 1440), 25fps 1080P (1920 × 1080)
	60Hz: 20fps 5MP (2960 × 1664), 30fps 4MP (2688 × 1520), 30fps 4M (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, 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 ~ 10 Mbps
Video Stream	Triple
Audio Compression	G.711A, G.711U
Audio Bit Rate	64 Kbps

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Technical Specifications

Smart Features	
Standard Events	Motion detection, 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
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	Plug-in required live view: IE 10, IE 11 Local service: Chrome 57.0+, Firefox 52.0+
Mobile Surveillance	iOS, Android
Hardware	
Ethernet	1 RJ45 10 M/100 M self-adaptive Ethernet port
Storage	Up to 256GB
General	
Operating 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 6W
Protection Level	IP67
Material	Metal
Dimensions	Φ 103.5 × 82.4 mm (Φ 4.07" × 3.24")
Weight	0.99lb / 450g

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What you may need

XLGNXLB10B
Junction Box
Φ112.5 mm × 49.5mm

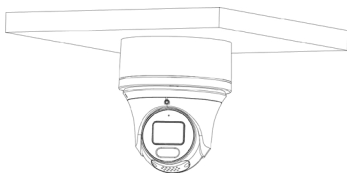**XLGNXPM03**
Pole Mount
Φ170mm × 135.8mm × 43.7mm
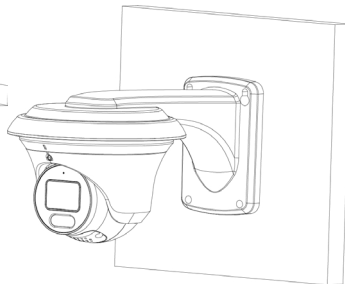
XLGNXLB14CB
Wall Mount
Φ120mm × 105.8mm x 183.5mm

XLGNXCM700
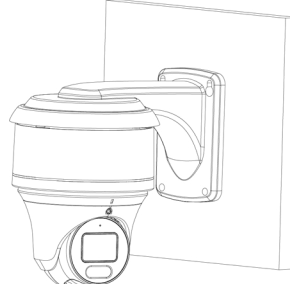Pendant Mount Bracket
Φ116 mm × 734.5 mm
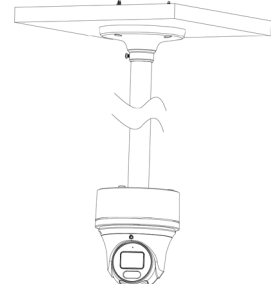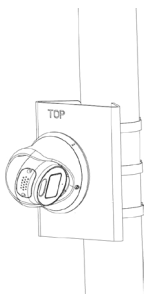
Accessories Mount

XLGNXLB10

XLGNXLB14C

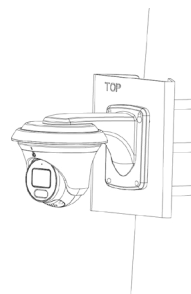**XLGNXLB10 + XLGNXLB14C**

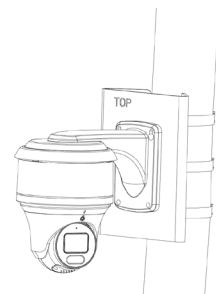**XLGNXLB10 + XLGNXCM700**

XLGNXPM03

XLGNXPM03 + XLGNXLB10

XLGNXPM03 + XLGNXLB14C

XLGNXPM03 + XLGNXLB10 + XLGNXLB14C

*Design and specifications are subjects to change without notice.

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