LEGEND NX

LGNXTO5ADWF

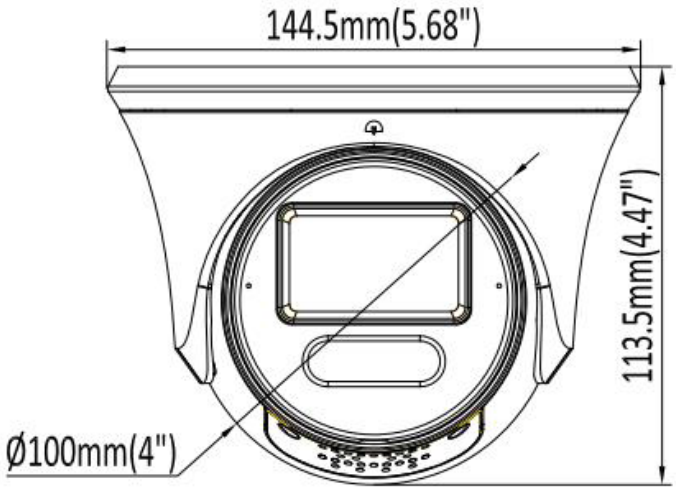
5.1 MP Turret Network Camera
Active Deterrence, Fixed Lens

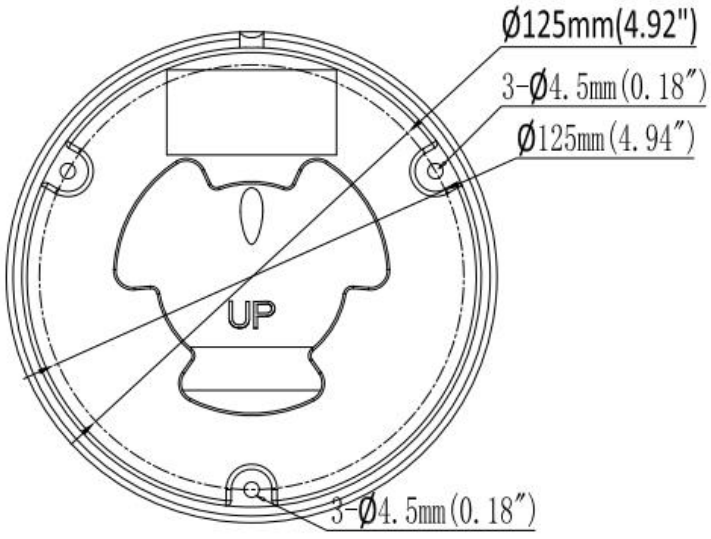
- 5MP High-Resolution Imaging
- Smart Target Classification (Human& Vehicle) due to deep learning
- Active Deterrence with Red & Blue lights
- 120 dB true WDR Technology
- IP67: Water and dust resistant
- Built-in microphone, audio and alarm interface
- Advanced H.265+ Compression

In short

This advanced surveillance camera delivers 5MP high-resolution imaging and smart target classification (human and vehicle) powered by deep learning. It features active deterrence with red and blue lights, 120 dB true WDR technology, IP67-rated water and dust resistance, a built-in microphone with audio and alarm interface, and advanced H.265+ compression. These features make it a reliable and high-performance security solution for any environment.

Dimensions





*Design and specifications are subjects to change without notice.

Technical Specifications

Camera: LGNXTO5ADWF				
Image Sensor	1/2.7" Progressive Scan CMOS Sensor			
Minimum Illumination	Color: 0.003 Lux (F1.0 , 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 Speaker, Built-in Reset Button, Smart IR Light, Illuminator (Smart Light) Red/Blue Light and Sound Warning for Active Deterrence			
External Features	DC12V ± 25%			
Viewing Angle	Pan: 0° ~ 360° Tilt: 0° ~ 75° Rotation: 0° ~ 360°			
Lens				
Focal Length	2.8mm			
Aperture	F1.0			
Field of View	2.8mm: Horizontal FOV: 103°, Vertical FOV: 55°, Diagonal FOV: 122°			
Thread Mount	M12			
DORI 2.8 mm	Detect	Observe	Recognize	Identify
	67m	25.9m	13m	6.5m
Camera Image				
Maximum Resolution	5MP (2880 × 1620)			
Frame Rate	Main Stream			
	50Hz: 25fps 5MP (2880 × 1620), 25fps 4MP (2688 × 1520), 25fps 4MP (2560 × 1440), 25fps 1080P (1920 × 1080)			
	60Hz: 30fps 5MP(2880 × 1620), 30fps 4MP (2688 × 1520), 30fps 4MP (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			
Supported 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 ~ 10 Mbps
Video Stream	Triple
Audio Compression	G.711A, G.711U
Audio Bit Rate	64 Kbps
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
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	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
Audio I/O	1/1
Alarm I/O	1/1
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 8W
Protection Level	IP67
Material	Metal
Dimensions	Φ 144.5 × 113.5 mm (Φ 5.68″ × 4.47″)
Weight	2.30lb / 1045g

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What you may need

XLGNXLB12C
Junction Box
Φ142 mm × 46.5mm

XLGNXPM03
Pole Mount
Φ170mm × 135.8mm × 43.7mm

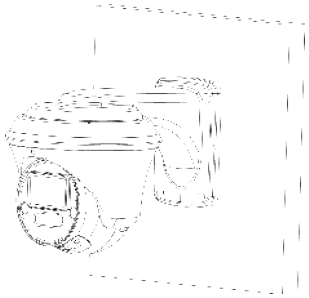
XLGNXLB07C
Wall Mount
Φ136mm × 120mm x 208mm

XLGNXCM700
Pendant Mount Bracket
Φ116 mm × 734.5 mm

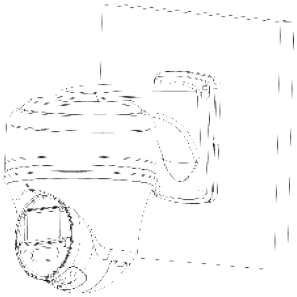
Accessories Mount

XLGNXLB12C

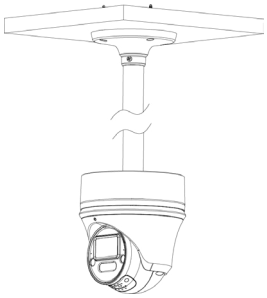
XLGNXLB07C



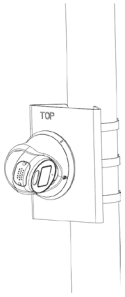
XLGNXLB07C + XLGNXLB12C



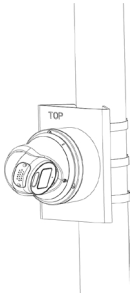
XLGNXLB12C + XLGNXCM700



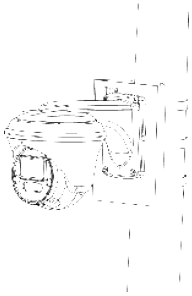
XLGNXPM03



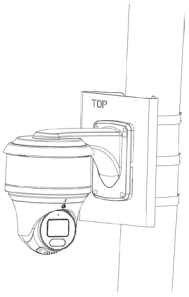
XLGNXPM03 + XLGNXLB12C



XLGNXPM03 + XLGNXLB07C



XLGNXPM03 + XLGNXLB12C + XLGNXLB07C



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