

# LEGEND<sup>NX</sup>

## LGNXT05ADWF

### 5.1 MP Turret Network Camera Active Deterrence, Fixed Lens

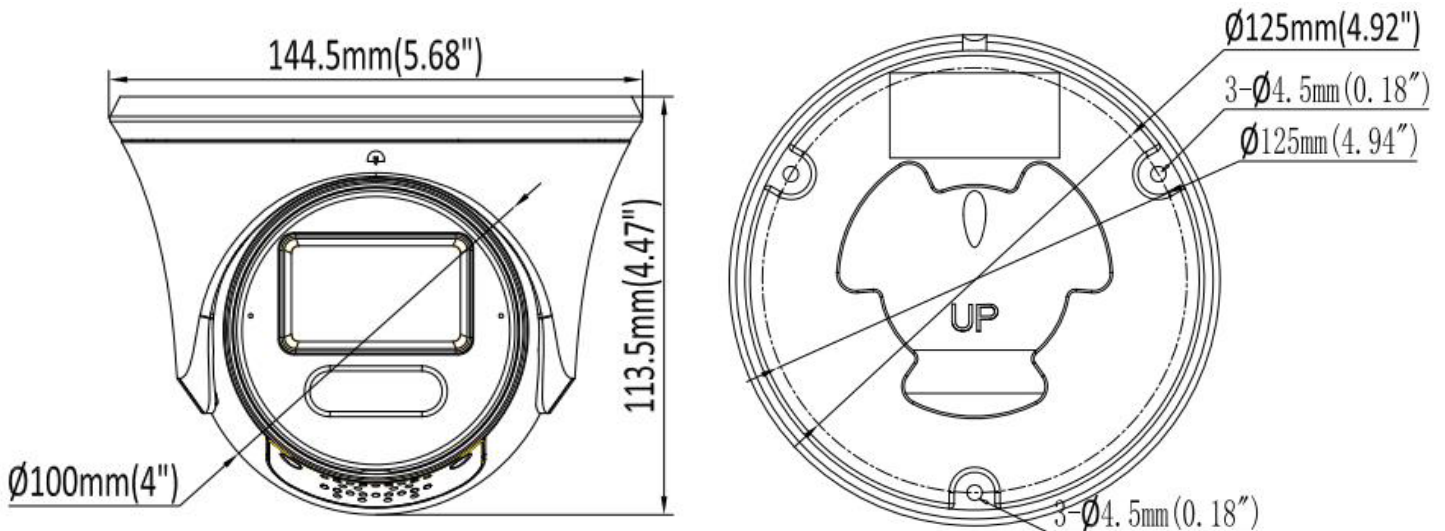
- 5MP High-Resolution Imaging
- Improve human and vehicle classification using deep learning
- 120 dB true WDR Technology
- Active Deterrence with Red & Blue lights
- Water and dust resistant (IP67)
- Built-in microphone, audio & alarm interface
- Advanced H.265+ Compression



### In short

This 5MP camera delivers high-resolution imaging with advanced H.265+ compression for efficient storage and 120 dB WDR technology for enhanced clarity in varying lighting conditions. It features deep learning for accurate human and vehicle detection, active deterrence with red and blue lights, IP67-rated weather resistance, and built-in audio and alarm interfaces.

### Dimensions



\*Design and specifications are subjects to change without notice.

## Technical Specifications

Camera: LGNXT05ADWF				
Image Sensor	1/2.7" Progressive Scan CMOS Sensor			
Minimum Illumination	Color: 0.003 Lux (F1.0 , AGC ON) , 0 Lux with light			
Illumination Distance	30m / 98.43ft (IR light) 30m/98.43ft (Warm light)			
Strobe Light	N/A			
Smart IR	Supported			
Pan / Tilt / Rotation Range	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°			
Lens Mount	M12			
DORI 2.8 mm	Detect	Observe	Recognize	Identify
	67m	25.9m	13m	6.5m
Camera Image				
Maximum Resolution	5MP (2880 × 1620)			
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 Setting	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			
BLC	Supported			
HLC	Supported			
ROI	Supported			
Rotate	Supported			
Compression				
Video Compression	H.264 / H.264+ / H.265 / H.265+ / MJPEG			
H.264 Codec Profile	Base / Main / High profile			
H.265 Codec Profile	Main Profile			
Video Bit Rate	11 Kbps ~ 10 Mbps			
Triple Streams	Supported			
Audio Compression	G.711A, G.711U			
Audio Bit Rate	64 Kbps			

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## Technical Specifications

Smart Features	
Basic Events	Motion detection, Video Tampering
Smart Events	Line crossing detection, area intrusion, Monitoring entry and exit for specific regions (support alarm triggering by specified target types (human and vehicle), Scene Alteration Detection and Video Blur 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	Plug-in required live view: IE 10, IE 11 Local service: Chrome 57.0+, Firefox 52.0+
Mobile Surveillance	iOS, Android
Hardware	
Communication interface	1 RJ45 10 M/100 M self-adaptive Ethernet port
Storage	Up to 256GB
Microphone	Supported
Speaker	Supported
Audio I/O	1/1
Alarm I/O	1/1
Reset button	Supported
Active Deterrence Features	Red/Blue Light Warning & Sound Warning
General	
Operating Conditions	-40°C ~ 60°C (-40°F ~ 140°F) Humidity 95% or less (non-condensing)
Power Supply	DC12V ± 25%
PoE	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")
Gross 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



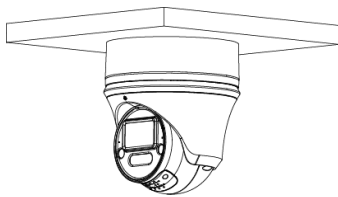
**XLGNXLB07C**  
Wall Mount  
Φ136mm × 120mm x 208mm



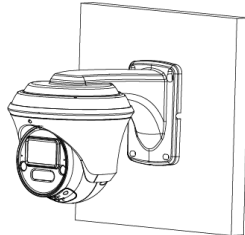
**XLGNXCM700**  
Pendant Mount Bracket  
Φ116 mm × 734.5 mm

## Accessories Mount

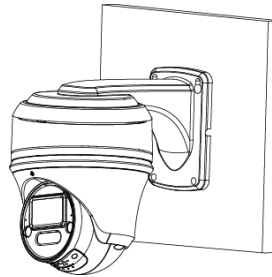
**XLGNXLB12C**



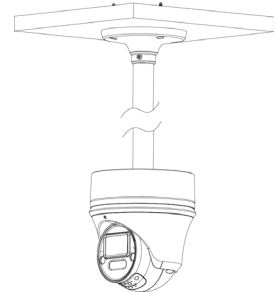
**XLGNXLB07C**



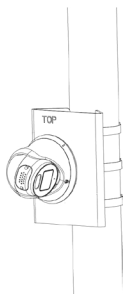
**XLGNXLB07C +  
XLGNXLB12C**



**XLGNXLB12C +  
XLGNXCM700**



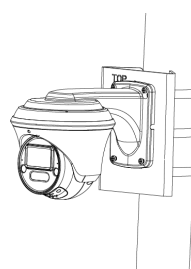
**XLGNXPM03**



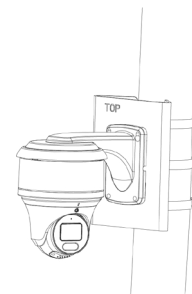
**XLGNXPM03 +  
XLGNXLB12C**



**XLGNXPM03 +  
XLGNXLB07C**



**XLGNXPM03 + XLGNXLB12C +  
XLGNXLB07C**



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