LEGEND NX

LGNXMDO5IQWF

5.1 MP Mini Dome Wedge Network Camera with IQ, Fixed Lens
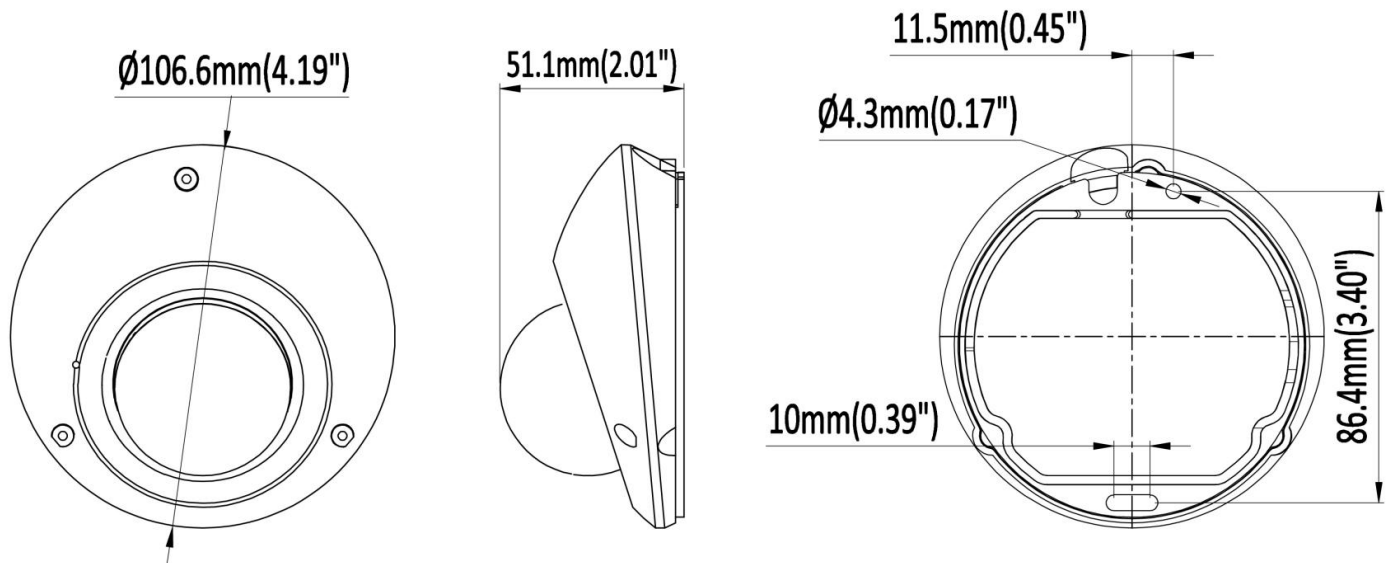
- 5MP High-Resolution Imaging
- High IQ: Extreme AI Analytics
- 120 dB true WDR Technology
- Improve human and vehicle classification using deep learning
- Water and dust resistant (IP67)
- Vandal Proof (IK10)
- Built-in microphone for live audio
- Advanced H.265+ Compression

iQ
High Intelligence Quotient

NDAA Compliant · IP67 · IK10 · Built-in Mic

In short

5MP high-resolution camera with extreme AI analytics for enhanced human and vehicle classification through deep learning. Features 120 dB true WDR technology, IP67 water/dust resistance, IK10 vandal-proof design, built-in microphone, and advanced H.265+ compression.

Dimensions

Ø106.6mm(4.19")

51.1mm(2.01")

11.5mm(0.45")

Ø4.3mm(0.17")

10mm(0.39")

86.4mm(3.40")

*Design and specifications are subjects to change without notice.

INAXSYS
SECURITY SYSTEMS INC.

Technical Specifications

Camera: LGNXMDO5IQWF	
Image Sensor	1/2.7" Progressive Scan CMOS Sensor
Minimum Illumination	Color: 0.006 Lux (F1.6 , AGC ON) , 0 Lux with light
Illumination Distance	20m / 65.62ft (IR light)
Strobe Light	Supported
Smart IR	Supported
Pan / Tilt / Rotation Range	Pan: 0° ~ 30° Tilt: 0° ~ 70° Rotation: 0° ~ 30°

Lens				
Focal Length	2.8mm			
Aperture	F1.6			
Field of View	2.8mm: Horizontal FOV: 111°, Vertical FOV: 60°, Diagonal FOV: 132°			
Lens Mount	M12			
DORI 2.8mm	Detection	Observe	Recognize	Identify
	65m	25.1m	12.6m	6.3m

Camera Image	
Maximum Resolution	5MP (2880 x 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

*Design and specifications are subjects to change without notice.

INAXSYS
SECURITY SYSTEMS INC.

Technical Specifications

Smart Features	
Basic Events	Motion detection (supports alarm triggering based on specified target types, such as humans and vehicles), Video Tampering
Smart Events	Smart Motion Detection, Line Crossing, Intrusion Detection, Monitoring entry and exit for specific regions (with alarm triggers for human and vehicle detection) 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	Password protection, complex passwords, HTTPS encryption, IP address filtering, basic and digest authentication for HTTP/HTTPS, TLS 1.1/1.2, WSSE and digest authentication for Open Network Video Interface
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	N/A
Audio I/O	1/1
Alarm I/O	1/1, Alarm Output (maximum 12 VDC, 20 mA)
Reset button	Supported
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 4.8W
Protection Level	IP67
Material	Metal
Dimensions	Φ 106.6 × 51.1 mm (Φ 4.19" × 2.01")
Gross Weight	1.02lb / 465g

What you may need

XLGNXLB10
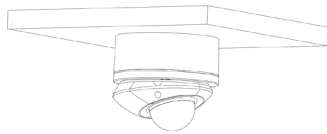Junction Box
Φ112.5 mm × 49.5mm

XLGNXPM03
Pole Mount
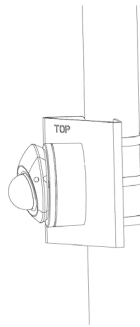Φ170mm × 135.8mm × 43.7mm

XLGNXCM700
Pendant Mount Bracket
Φ116 mm × 734.5 mm
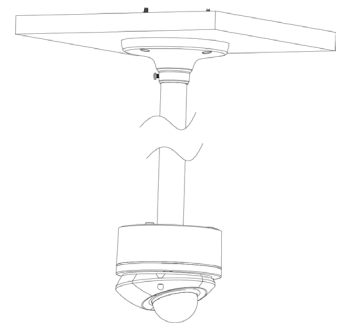
Accessories Mount

XLGNXLB10

XLGNXPM03

XLGNXLB10 + XLGNXCM700

*Design and specifications are subjects to change without notice.

INAXSYS
SECURITY SYSTEMS INC.