LEGEND NX
LGNXMDO5IQWF

5.1 MP Mini Dome Wedge Network Camera with IQ, Fixed Lens
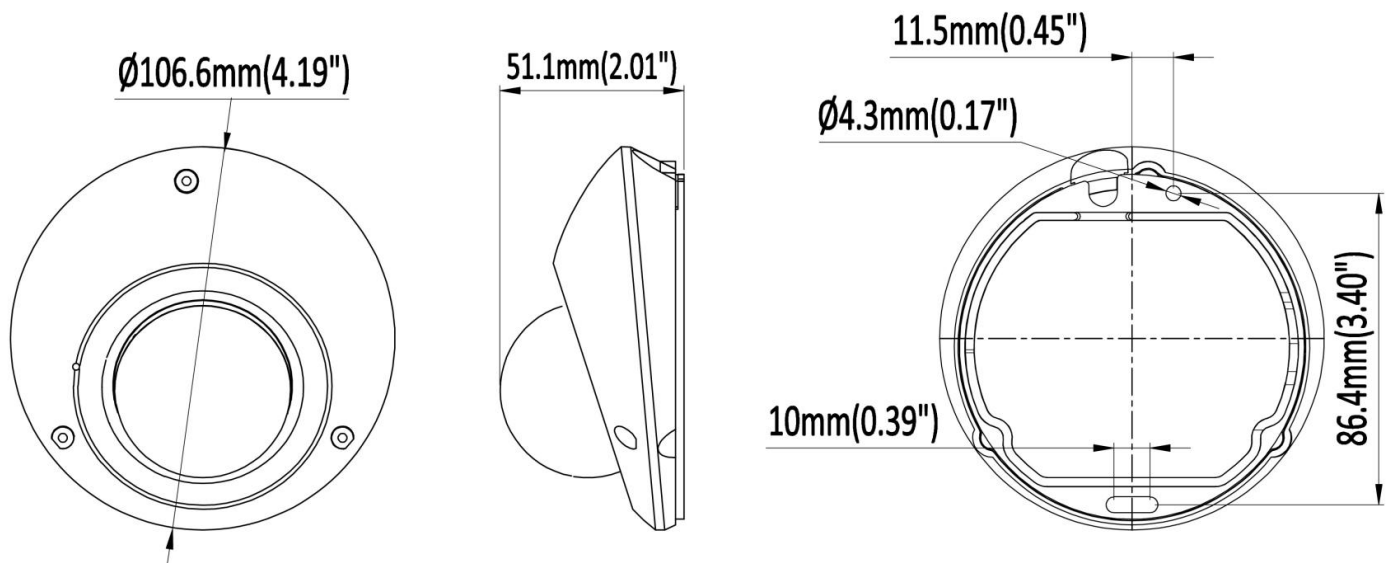
- 5MP High-Resolution Imaging
- High IQ: Extreme AI Analytics
- Smart target recognition of humans & vehicles powered by deep learning
- 120 dB true WDR Technology
- IP67: Water and dust resistant
- IK10: Vandal-Proof
- Built-in microphone for live audio
- Advanced H.265+ Compression

NDAA Compliant

iQ High AI Intelligence Quotient

IP67 | IK10 | Built-in Mic

In short

This advanced surveillance camera delivers 5MP high-resolution imaging and extreme AI analytics, providing smart target recognition of humans and vehicles powered by deep learning. Featuring 120 dB True WDR technology, IP67 water and dust resistance, IK10 vandal-proof protection, a built-in microphone for live audio, and advanced H.265+ compression, it ensures reliable performance in any environment.

Dimensions

Ø106.6mm(4.19")

51.1mm(2.01")

11.5mm(0.45")

Ø4.3mm(0.17")

86.4mm(3.40")

10mm(0.39")

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 Range	20m / 65.62ft (IR light)
Embedded Features	Built-in Mic, Built-in Reset Button, Smart IR Light, Strobe Light
External Features	DC12V ± 25%
Viewing Angle	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°			
Thread Mount	M12			
DORI 2.8mm	Detection	Observe	Recognize	Identify
	65m	25.1m	12.6m	6.3m

Camera Image	
Maximum Resolution	5MP (2880 x 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
Image Features	Backlight Compensation (BLC), Highlight Compensation (HLC), Region of Interest (ROI), Rotation

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

*Design and specifications are subjects to change without notice.

INAXSYS
SECURITY SYSTEMS INC.

Technical Specifications

Intelligent Features	
Standard Events	Motion detection (supports alarm triggering based on specified target types, such as humans and vehicles), 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	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	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, Alarm Output (maximum 12 VDC, 20 mA)
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 4.8W
Protection Level	IP67
Material	Metal
Dimensions	Φ 106.6 × 51.1 mm (Φ 4.19" × 2.01")
Weight	1.02lb / 465g

*Design and specifications are subjects to change without notice.

INAXSYS
SECURITY SYSTEMS INC.

What you may need

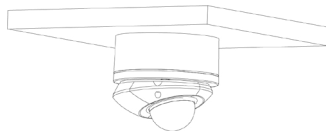**XLGNXLB10**
Junction Box
Φ112.5 mm × 49.5mm

XLGNXPM03
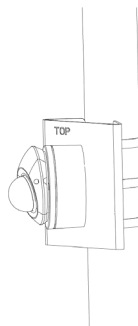Pole Mount
Φ170mm × 135.8mm × 43.7mm

XLGNXCM700
Pendant Mount Bracket
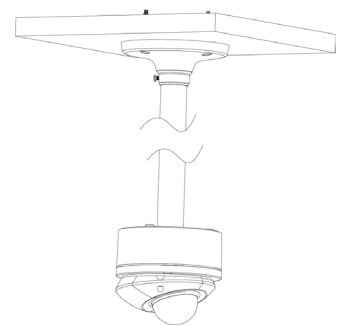Φ116 mm × 734.5 mm

Accessories Mount

XLGNXLB10

XLGNXPM03

XLGNXLB10 + XLGNXCM700

*Design and specifications are subjects to change without notice.

inaxsys
SECURITY SYSTEMS INC.