LEGEND NX
LGNXMDO42IRWF

NDAA Compliant

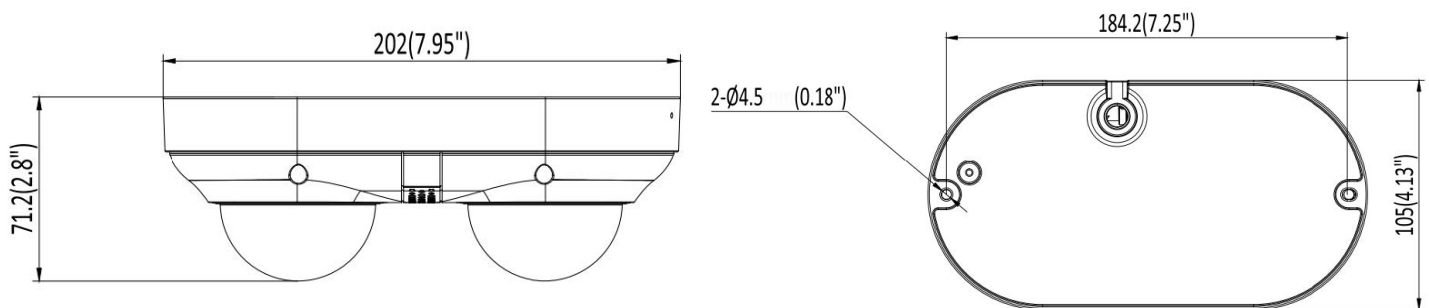## 2 x 4MP Dual-Lens, Fixed lens Dome camera

- 2 x 4MP High-Resolution Imaging
- Single IP-based dual-stream support
- 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 and speaker for live audio
- Advanced H.265+ Compression

IP67 | IK10 | Built-in Mic & Speaker | 4 MP |

In short

The 2 × 4 MP dual-lens dome camera delivers high-resolution imaging with expanded coverage through a single IP connection. Powered by artificial intelligence and deep learning, it enables accurate detection of people and vehicles. Its true 120 dB WDR technology ensures clear images in all lighting conditions. Designed for demanding environments, it is weatherproof (IP67), vandal-resistant (IK10), and features a built-in microphone and speaker for two-way audio. H.265+ video compression efficiently reduces bandwidth and storage usage.

Dimensions

202(7.95")
71.2(2.8")
2-Ø4.5 (0.18")
184.2(7.25")
105(4.13")

*Design and specifications are subjects to change without notice.

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Technical Specifications

Camera: LGNXMDO42IRWF	
Image Sensor	1/2.7" Progressive Scan CMOS Sensor
Minimum Illumination	Color: 0.006 Lux (F1.6 , AGC ON) , 0 Lux with IR lights on
Illumination Range	30m / 98.43ft (IR light)
Embedded Features	Built-in Mic, Built-in Speaker, Built-in Reset Button, Smart IR Light, Active Deterrence Sound Warning
External Features	DC12V ± 25%
Viewing Angle	Pan: -90° ~ 90° Tilt: 0° ~ 60° Rotation: 0° ~ 360°

Lens				
Focal Length	2.8mm			
Aperture	F1.6			
Field of View	2.8mm: Horizontal FOV: 101°, Vertical FOV: 55°, Diagonal FOV: 121°			
Thread Mount	M12			
DORI 2.8mm	Detection	Observe	Recognize	Identify
	71m	28.4m	14.2m	7.1m

Camera Image	
Maximum Resolution	4MP (2688 × 1520)
Frame Rate	**Main Stream**
	50Hz: 25fps 4MP (2688 × 1520), 25fps 4MP (2560 × 1440), 25fps 1080P (1920 × 1080)
	60Hz: 30fps 4MP (2688 × 1520), 30fps 4MP (2560 × 1440), 30fps 1080P (1920 × 1080)
	Sub Stream
	50 Hz: 25 fps (704 × 576, 640 × 480)
	60 Hz: 30 fps (704 × 480, 640 × 480)
	Third Stream
	50 Hz: 25 fps (1920 × 1080, 1280 × 720, 704 × 576, 640 × 480)
	60 Hz: 30 fps (1920 × 1080, 1280 × 720, 704 × 480, 640 × 480)
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, Privacy Mask, On-Screen Display

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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	83 Kbps ~ 10 Mbps
Video Stream	Triple
Audio Compression	G.711A, G.711U
Audio Bit Rate	64 Kbps
Intelligent Features	
Standard Events	Motion Detection (supports alarm activation based on designated target types, including 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.
Detection Features	Face Detection and Loitering Detection
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, Cloud
System Compatibility	Onvif (Profile S, Profile G, Profile 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+, Firefox 52.0+/Safari for the plug-in free live view. 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

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Technical Specifications

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 12W
Protection Level	IP67
IK Rating	IK10
Material	Metal
Dimensions	202 × 105 × 71.2 mm (7.95" × 4.13" × 2.8")
Weight	2.49lb / 1130g

What you may need

XLGNXJB201 - Junction Box
202 mm × 105 mm × 40 mm

XLGNXCM700 - Pendent Mount Bracket
116 × 734.5 mm

Accessories Mount

Pendant Mount	Junction Mount
XLGNXJB201 + XLGNXCM700	**XLGNXJB201**

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