

LEGEND^{NX}

LGNXDO6IRHEM



6.1MP Fisheye Network Camera

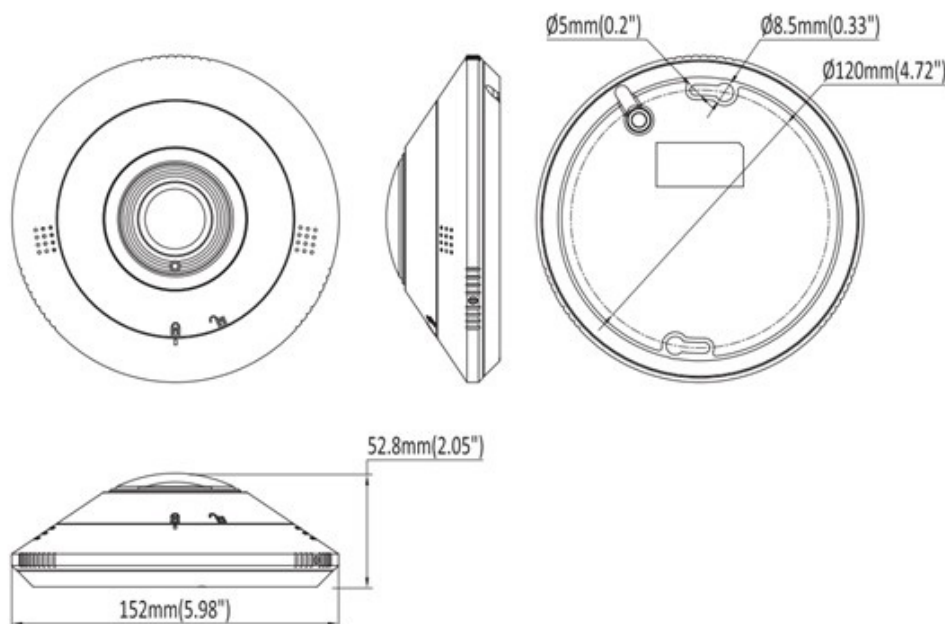
- 6MP High-Resolution Imaging
- IP67: Water and dust resistant
- Multiple dewarping modes
- Built-in microphone and speaker for live audio
- Advanced H.265+ Compression



In short

This 6MP camera delivers high-resolution imaging with advanced H.265+ compression, ensuring efficient storage without sacrificing quality. Designed to withstand harsh conditions with its IP67 water and dust resistance, it features multiple dewarp modes and includes a built-in microphone and speaker for live audio communication.

Dimensions



*Design and specifications are subjects to change without notice.

Technical Specifications

Camera: LGNXD06IRHEM					
Image Sensor		1/2.5" Progressive Scan CMOS Sensor			
Minimum Illumination		Color: 0.008 Lux, 0 Lux with light			
Illumination Range		20m / 65.62ft (IR light)			
Embedded Features		Built-in Mic, Built-in Speaker Built-in Reset Button, Smart IR Light			
External Features		DC12V ± 25%			
Lens					
Focal Length		1.68mm			
Aperture		F2.0			
Field of View		1.68 mm: Horizontal FoV: 180°, Vertical FoV: 180°			
Thread Mount		M12			
DORI 1.68mm		Detection	Observe	Recognize	Identify
		33m	13m	6.5m	3.3m
Camera Image					
Maximum Resolution		2560 X 2560			
Main Stream	Fisheye	50HZ: 25fps (2560 x 2560, 1920 x 1920) 60HZ: 30fps (2560 x 2560, 1920 x 1920)			
	Panoramic	50HZ: 15fps (1920 x 1080, 1280 x 720) 60HZ: 15fps (1920 x 1080, 1280 x 720)			
	4 PTZ	50HZ: 15pfs (1024 x 768) 60HZ: 15pfs (1024 x 768)			
	Fisheye + Panoramic + 3 PTZ	50HZ: 25fps (1920 x 1920) +15fps (1920 x 1080) + 15fps (1024 x 768) *3 60HZ: 30fps (1920 x 1920) +15fps (1920 x 1080) + 15fps (1024 x 768) *3			
	Fisheye + 4 PTZ	50HZ: 25fps (1920 x 1920) + 15fps (1024 x 768) *4 60HZ: 30fps (1920 x 1920) + 15fps (1024 x 768) *4			
	Panoramic + 4 PTZ	50HZ: 15fps (1920 x 1080, 1280 x 720) + 15fps (1024 x 768) *4 60HZ: 15fps (1920 x 1080, 1280 x 720) + 15fps (1024 x 768) *4			
Sub Stream	Fisheye	50HZ: 25fps (960 x 960, 480 x 480) 60HZ: 30fps (960 x 960, 480 x 480)			
	Panoramic	50HZ: 15fps (704 x 576, 352 x 288) 60HZ: 15fps (704 x 480, 352 x 240)			
	4 PTZ	50HZ: 15pfs (640 x 480) 60HZ: 15pfs (640 x 480)			
	Fisheye + Panoramic + 3 PTZ	50HZ: 25fps (960 x 960, 480 x 480) +15fps (704 x 576) + 15fps (640 x 480) *3 60HZ: 30fps (960 x 960, 480 x 480) +15fps (704 x 480) + 15fps (640 x 480) *3			
	Fisheye + 4 PTZ	50HZ: 15fps (960 x 960, 480 x 480) + 15fps (640 x 480) *4 60HZ: 15fps (960 x 960, 480 x 480) + 15fps (640 x 480) *4			
	Panoramic + 4 PTZ	50HZ: 15fps (704 x 576 , 352 x 288) + 15fps (640 x 480) *4 60HZ: 15fps (704 x 480 , 352 x 240) + 15fps (640 x 480) *4			
Image Calibration		Brightness / Contrast / Saturation / Hue / Sharpness			

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Technical Specifications

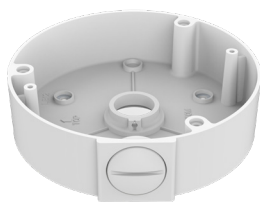
Shutter Time	Auto/Manual, 1/3 ~ 1/100000s
Wide Dynamic Range	Digital Wide Dynamic Range
Day/Night	IR Cut Filter
Digital Noise Reduction	3D DNR
Image Features	Backlight Compensation (BLC), Highlight Compensation (HLC), Region of Interest (ROI), Defog
Compression	
Video Compression	H.265+ / H.265/H.264 / H.264+ / MJPEG
H.265 Codec Profile	Main Profile
H.264 Codec Profile	Base / Main / High profile
Video Bit Rate	11 Kbps ~ 10 Mbps
Audio Compression	G.711A, G.711U
Audio Bit Rate	64 Kbps
Intelligent Features	
Standard Event	Motion detection, Video Tampering
Advanced Event	Line crossing detection, Area intrusion, Region Entrance & Exiting
Network	
Network Storage	NAS (NFS, SMB/CIFS)
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), CGI, 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
User	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

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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 9W
Protection Level	IP67
Material	Metal
Dimensions	Φ 152 × 53 mm (Φ 5.98" × 2.08")
Weight	1.59lb / 724g

What You May Need



XLGNXLB12D
Junction Box for LGNXDO6IRHEM
Φ170mm × 135.8mm × 43.7mm

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