

INLGDO12IRHEM

12.1MP Ultra-HD Fisheye Network Camera

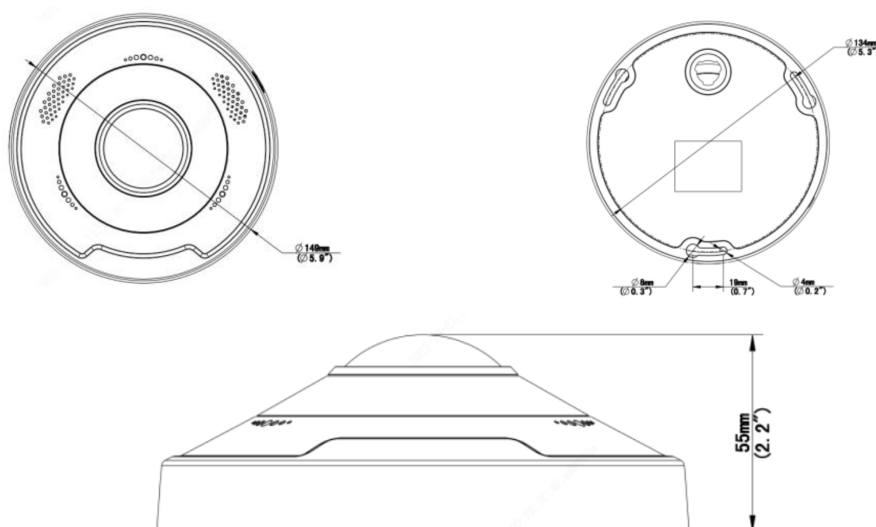
- High quality image with 12MP, 1/1.7" CMOS sensor
- Heatmap: Working with management platform, the data of moving objects is counted in real time on an intuitive color map
- H.265+ & H.264 encoding
- Embedded infrared light, 360° fill-in light, up to 15m (49ft) IR distance
- Ultra wide angle lens, 360° panoramic image
- Built-in microphone & speaker, two-way talk supported



Legend: Smarter, Stronger, Fully NDAA Compliant

INLGDO12IRHEM is a 12MP camera with a 1/1.7" CMOS sensor, delivering ultra-high-quality imaging and a full 360° panoramic view with its ultra wide-angle lens. It features advanced heatmap functionality, counting moving objects in real time and displaying results on an intuitive color map when integrated with a management platform. The camera supports H.265+/H.264 encoding, and its embedded infrared system provides 360° illumination with up to 15 m (49 ft) IR distance. With a built-in microphone and speaker supporting two-way audio, the INLGDO12IRHEM combines powerful performance with intelligent analytics and reliable communication.

Dimensions



*Design and specifications are subjects to change without notice.

Camera					
Image Sensor		1/1.7", 12.0 megapixel, progressive scan, CMOS			
Scanning System		Progressive			
Minimum Illumination		Colour: 0.03Lux (F2.0, AGC ON), 0Lux with IR			
Day/Night		IR-cut filter with auto switch (ICR)			
Electronic Speed Shutter		Auto/Manual, 1 ~ 1/100000s			
WDR		Digital Wide Dynamic Range			
S/N Ratio		More than 52 dB			
Illumination					
IR Range		Up to 15m/49ft			
Wavelength		850nm			
IR On & Off Control		Auto/Manual			
Lens					
Lens Type		Autofocus			
Focal Length		1.8mm			
Viewing Angle (H, V, D)		360°			
DORI					
DORI	Lens (mm)	Detect	Observe	Recognize	Identify
Distance	1.8	43.8m/143.7ft	17.5m/57.4ft	8.8m/29.9ft	4.4m/14.4ft
Video					
Compression		H.265+ / H.265 / H.264 / MJPEG			
H.264 code profile		Baseline profile, Main profile, High profile			
Frame Rate		Main Stream : Fisheye View: 12MP(4000*3000)@20fps; 3000*3000@20fps; 2560*2560@25fps. Panorama View: 12MP(4000*3000)@20fps; 3000*2000@20/25fps; 3000*1500@20/25fp; PTZ View: 1920*1080@20/25fps; Sub Stream : Fisheye View:2000*1500@20fps;2000*2000@25fps Third Stream : Fisheye View: D1(720*576)@20/25fps; CIF352*288)@20/25fps;			
Video Bit Rate		128 Kbps~16 Mbps			
U-code		Supported			
On-Screen Display (OSD)		Up to 8 OSDs			
Privacy Mask		Up to 4 areas			
Region of Interest		Up to 8 areas			
Video Stream		Triple			

Image	
White Balance	Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2
Digital Noise Reduction	2D/3D DNR
Smart IR	Supported
Flip	Normal/Vertical/Horizontal/180°
Blacklight Compensation (BLC)	Supported
Defog	Digital Defog
Artificial Intelligence	
Smart Intrusion Prevention	Cross Line detection, Intrusion detection
Statistical Analysis	Heat map (Working with management platform)
Events	
Basic Detection	Motion detection, Tampering alarm, Audio detection
General Function	Watermark, IP address filtering, tampering alarm, alarm input, alarm output, access policy, ARP protection, RTSP authentication, user authentication
Audio	
Audio Compression	G.711U, G.711A
Audio Bit Rate	64 Kbps
Two-way Audio	Supported
Suppression	Supported
Sampling Rate	8KHZ
Storage	
Edge Storage	Micro SD, up to 256GB
Network Storage	ANR, NAS(NFS)
Interface	
Audio I/O	Input: impedance 35kΩ; amplitude 2V [p-p] Output: impedance 600Ω; amplitude 2V [p-p]
Alarm I/O	2/1 Multiple Alarm linkage editable
Built-in Mic	Yes, 2
Built-in Speaker	Yes
RS485	1
Ethernet	1 RJ45 10M/100M Base-TX Auto-adaptive Ethernet
Video Output	1 BNC, impedance 75Ω; amplitude 1V [p-p]
Network	
Protocols	IPv4, IPv6, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS
Compatibility	ONVIF (Profile S, Profile G, Profile T), API, SDK
User/Host	Up to 32 users. 3 user levels: administrator, operator and common user
Management software	LEGEND VMS, ARKIV
Web Browser	Plug-in required live view: IE 10 and above, Chrome 45 and above, Firefox 52 and above, Edge 79 and above

*Design and specifications are subjects to change without notice.

Live View Display	
Mount Type	Table, Wall & Ceiling
Hardware Decoding	Ceiling mount: fisheye view, fisheye + 4PTZ, horizontal panorama view, vertical panorama view
	Table mount: fisheye view, fisheye + 4PTZ, , horizontal panorama view, vertical panorama view
	Wall mount: fisheye view, fisheye + 4PTZ, panorama view
Software Decoding	Ceiling mount: Fisheye view, fisheye+ 3PTZ, fisheye+4PTZ, fisheye+8PTZ 180° panorama view, 360° panorama + 1PTZ, 360° panorama + 6PTZ
	Table mount: Fisheye view, fisheye+ 3PTZ, fisheye+4PTZ, fisheye+8PTZ, 360° 360°panorama + 1PTZ, 180°panorama view, 360° panorama + 6PTZ
	Wall mount: Fisheye view, 180°panorama view, 180°panorama view+3PTZ, 180°panorama view+4PTZ, 180°panorama view+8PTZ
Certifications	
EMC	CE-EMC (EN 55032: 2015+A1:2020, EN 61000-3-3: 2013+A1: 2019, EN IEC 61000-3-2: 2019+A1: 2021, EN 55035: 2017+A11:2020) FCC (FCC CFR 47 part15 B, ANSI C63.4-2014)
Safety	CE LVD (EN 62368-1:2014+A11:2017) CB (IEC 62368-1:2014) UL (UL 62368-1, 2nd Ed., Issue Date: 2014-12-01)
Environnemnt	CE-RoHS (2011/65/EU;(EU)2015/863); WEEE (2012/19/EU); Reach (Regulation (EC) No 1907/2006)
Protection	IP67 (IEC 60529:1989+AMD1:1999+AMD2:2013) IK10 (IEC 62262:2002) 4KV (Surge Protection)
General	
Power	DC 12V±25%, PoE (IEEE 802.3af)
Power Consumption	Less than 12W
Material	Metal + Plastic
Dimensions (Ø x H)	Φ149 x 55mm (Φ5.9" x 2.2")
Weight	1.155lb / 2.546kg
Working Environnement	-40°C ~ 60°C (-40°F ~ 140°F), Humidity: ≤95% RH (non-condensing)
Reset Button	Supported

*Design and specifications are subjects to change without notice.

Accessories



XLGSE24
Pendant Mount



XLGCM24
Ceiling Mount



XLGSE24-A
Pendant Mount

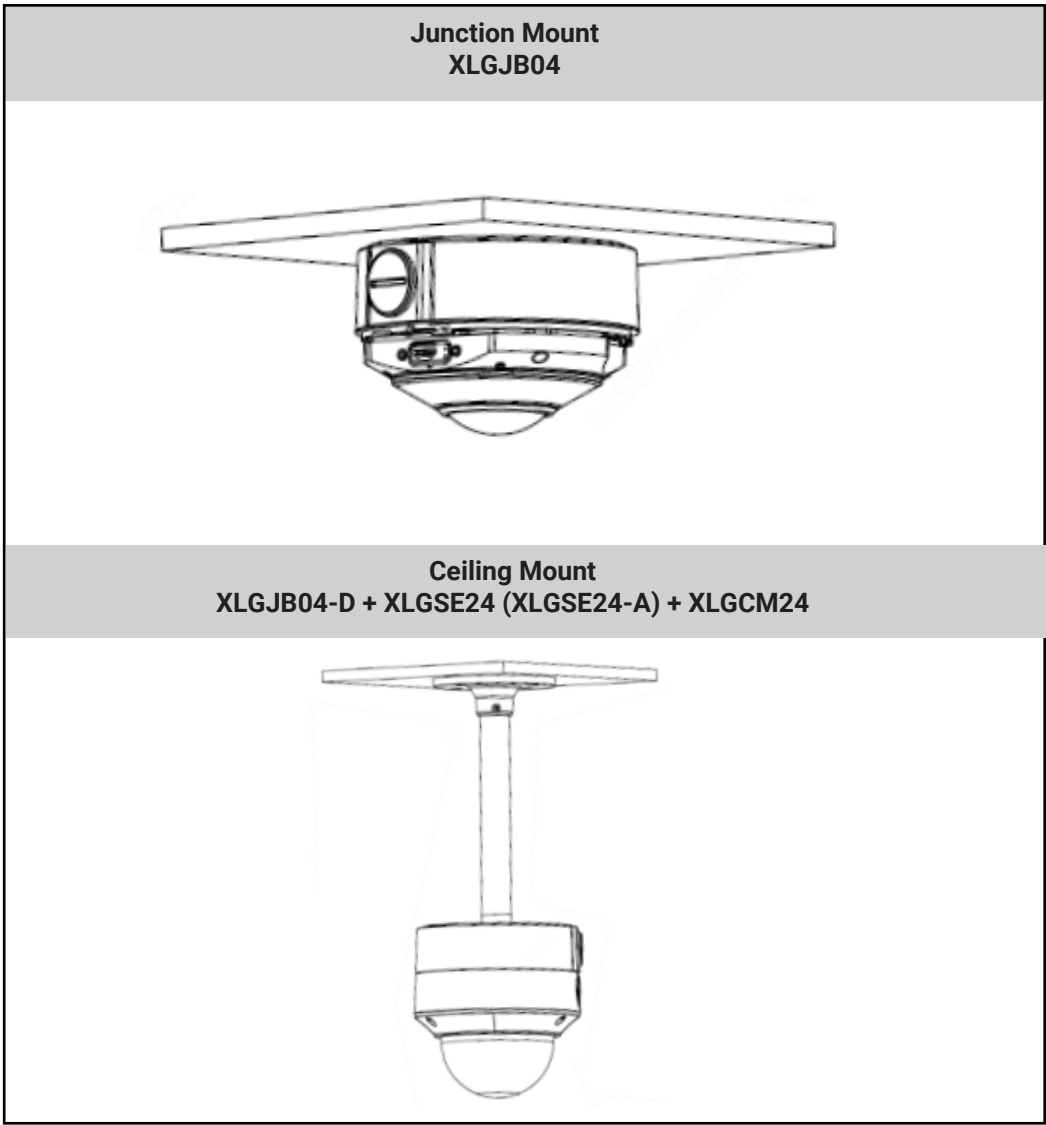


VUSD256G
Micro SD Card



XLGJB03-G
Junction Box

Accessories Mount



*Design and specifications are subjects to change without notice.