

INLGDO12IRHEM

12.1 MP Ultra HD Fisheye Camera

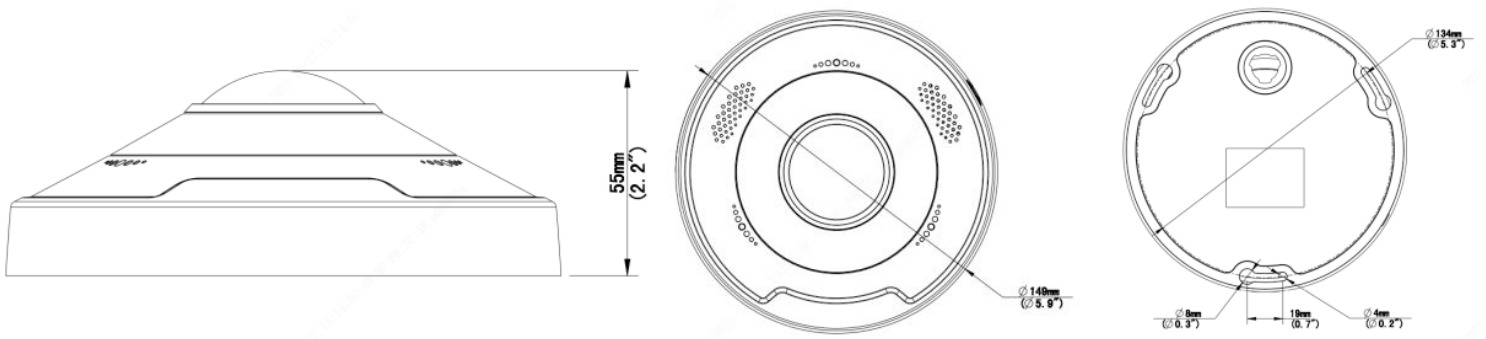
- High quality image with 12MP, 1/1.7" CMOS sensor
- Digital Wide Dynamic Range
- H.265+ & H.264 encoding
- Smart IR, up to 15m (49ft) IR distance
- Supports Micro SD card up to 256GB



Legend: Smarter, Stronger, Fully NDAA Compliant

The **INLGDO12IRHEM** is a 12.1MP fixed lens dome camera featuring, Smart IR with up to 15m (49ft) night vision, and advanced perimeter protection functions such as intrusion prevention, people flow counting, and crowd density monitoring. It supports H.265+ encoding for efficient storage and includes a Micro SD slot for up to 256GB of local recording.

Dimensions



*Design and specifications are subject to change without notice.

Camera					
Image Sensor		1/1.7", 12.0 megapixel, progressive scan, CMOS			
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		DWDR			
S/N Ratio		More than 52 dB			
Illumination					
IR Range		Up to 15m /49ft			
Wavelength		850nm			
IR On & Off Control		Auto/Manual			
Lens					
Focal Length		1.8mm			
Type		Fixed			
Iris		F2.0			
Viewing Angle (H, V, D)		360°			
DORI					
DORI Distance	Lens (mm)	Detect	Observe	Recognize	Identify
	1.8	43.8m /143.7ft	17.5m /57.4ft	8.8m /28.8ft	4.4m/14.4ft
Video					
Compression		H.265+ / H.265 / H.264 / MJPEG			
H.264 code profile		Baseline profile, Main profile, High profile			
Main Stream		Fisheye View: 12MP(4000 x 3000) @20fps; 3000 x 3000 @20fps; 2560 x 2560@25fps Panorama View: 12MP(4000 x 3000) @20fps; 3000 x 2000@20/25fps; 3000 x 1500@20/25fp; PTZ View: 1920 x 1080 @20/25fps;			
Sub Stream		Fisheye View: 2000 x 1500 @20fps; 2000 x 2000@25fps			
Third Stream		Fisheye View: D1(720 x 576) @20/25fps; CIF (352 x 288) @20/25fps			
Video Bit Rate		128 Kbps~16 Mbps			
On-Screen Display (OSD)		Up to 8 OSDs			
Privacy Mask		Up to 4 areas			
Region of Interest		Up to 8 areas			
Video Stream		Triple			
U-code		Supported			
Image					
White Balance		Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2			
Digital Noise Reduction		2D/3D DNR			
Flip		Normal/Vertical/Horizontal/180°			

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Image Features	Smart IR, Highlight Compensation, Backlight Compensation, Digital Defog
Live View Display	
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, 360° panorama + 1PTZ, 180° panorama view, fisheye + 3PTZ, fisheye + 4PTZ, fisheye + 8PTZ, 360° panorama + 6PTZ Table mount: fisheye view, 360° panorama + 1PTZ, 180° panorama view, fisheye + 3PTZ, fisheye + 4PTZ, fisheye + 8PTZ, 360° panorama + 6PTZ Wall mount: fisheye view, 180° panorama view, 180° panorama view + 3PTZ, 180° panorama view + 4PTZ, 180° panorama view + 8PTZ
Intelligent	
Smart intrusion prevention	Crossline 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
Sampling Rate	8KHz
Audio Features	Two-way Audio, Suppression
Storage	
Edge Storage	Micro SD, up to 256GB
Network Storage	ANR, NAS (NFS)
Interface	
Audio I/O	1 Input: impedance 35 kΩ, amplitude 2 V [p-p], 1 Output: impedance 600 Ω, amplitude 2 V [p-p]
Alarm I/O	2/1, Multiple Alarm linkage editable
Ethernet	1*RJ45 10M/100M Base-TX Ethernet
Built-in Features	Built-in dual-mic, Built-in Speaker
Video Output	1 BNC, impedance 75Ω; amplitude 1V [p-p]
Network	
Protocols	IPv4, IPv6, IGMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, RTMP, DNS, DDNS, NTP, FTP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS
Compatibility	ONVIF (Profile S, Profile G, Profile T), API, SDK

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User & Host	32 users maximum with 3 user levels: administrator, common user and operator
Security	Password protection, Strong password, HTTPS encryption, Export operation logs, Basic and digest authentication for RTSP, Digest authentication for HTTP, TLS 1.2, WSSE and digest authentication for ONVIF
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
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)
Environment	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
Power Interface	Ø 5.5mm coaxial power plug
Dimensions (Ø x H)	Ø149 mm × 55 mm / Ø5.9" × 2.2"
Weight	0.524kg / 1.155lb
Material	Metal + Plastic
Working Environment	-30 °C to 60 °C (-22 °F to 140 °F), Humidity: ≤ 95% RH (non-condensing)

Accessories



XLGJB04-D
Junction Box



XLGA01
Plastic Waterproof Joint



XLGSE24
Pendant Mount



XLGCM24
Ceiling Mount



XLGSE24-A
Pendant Mount

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