

INLGDO4KIRWFAI

8 MP AI Fixed Dome Network Camera with IR

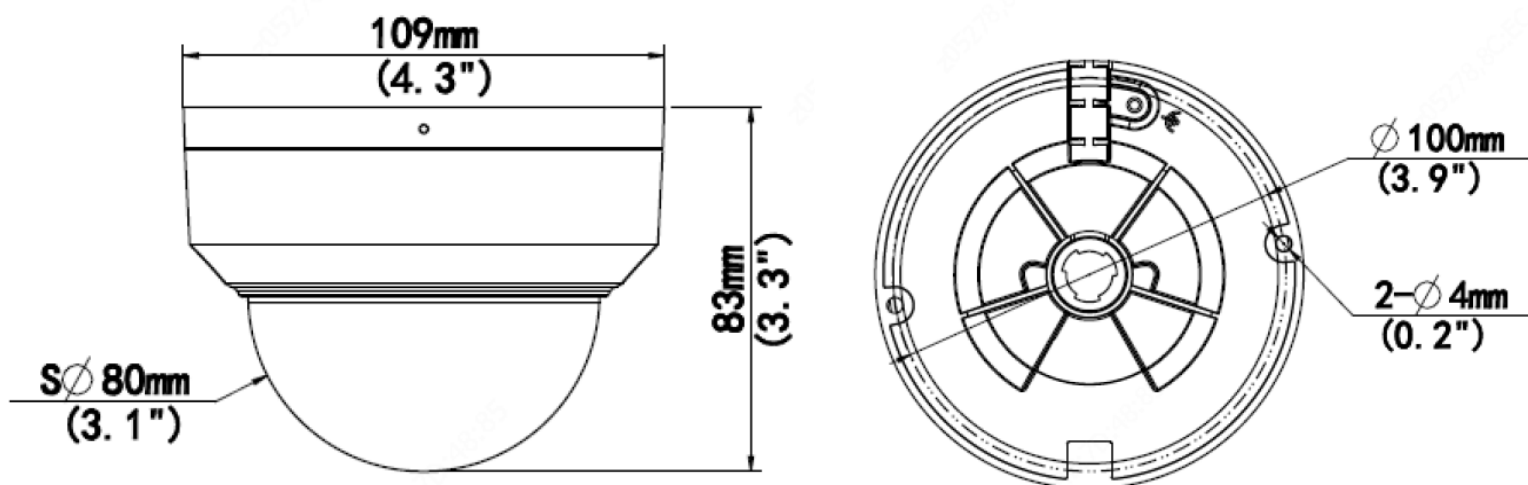
- High quality image with 8MP, 1/2.7" CMOS sensor
- True WDR (120 dB)
- H.265+ & H.264 encoding
- Supports Micro SD Card, up to 256GB
- Smart IR, Up to 30 m (98ft) IR distance
- Built-in Microphone



Legend: Smarter, Stronger, Fully NDAA Compliant

INLGDO4KIRWFAI is an 8MP surveillance camera with a 1/2.7" CMOS sensor, delivering high-quality, ultra-clear imaging. Its true 120 dB WDR ensures excellent performance in demanding lighting conditions, while H.265+/H.264 encoding optimizes storage and bandwidth. With Smart IR providing up to 30 m (98 ft) night vision, support for Micro SD cards up to 256 GB, and a built-in microphone, this camera combines powerful performance with reliable audio and video security.

Dimensions



*Design and specifications are subjects to change without notice.

Camera					
Image Sensor		1/2.7", 8.0 megapixel, progressive scan, CMOS			
Scanning System		Progressive			
Minimum Illumination		Colour: 0.0025 lux (F1.6, AGC ON), 0 lux with IR			
Day/Night		IR cut filter with auto switch (ICR)			
Electronic Speed Shutter		Auto/Manual, 1 ~ 1/100000s			
Pan/Tilt/Rotate		Pan: 3° ~ 360°	Tilt: 0° ~ 68°	Rotate: 3° ~ 360°	
WDR		120 dB			
S/N Ratio		More than 56 dB			
IR Illumination					
IR Range		Up to 30m / 98ft			
Wavelength		850nm			
IR On & Off Control		Auto/Manual			
Lens					
Lens Type		Fixed			
Focal Length		4.0mm@F1.6			
Viewing Angle (H, V, D)		H : 91.2°	V : 47.9°	D : 95.9°	
DORI					
DORI Distance	Lens (mm)	Detect	Observe	Recognize	Identify
	4 mm	120 m	48 m	24 m	12 m
Video					
Compression		H.265+ / H.265 / H.264 / MJPEG			
H.264 code profile		Baseline profile, Main profile, High profile			
Frame Rate		Main Stream: 8MP (3840*2160), Max 20fps; 5MP (3072*1728), Max 30fps; 4MP (2560*1440), Max 30fps; 1080P (1920*1080), Max 30fps;			
		Sub Stream: 1080P (1920*1080), Max 30fps; 720P (1280*720), Max 30fps; D1 (720*576), Max 30fps;640*360, Max 30fps; 2CIF(704*288), Max 30fps; CIF(352*288), Max 30fps;			
		Third Stream: D1 (720*576), Max 30fps; 640*360, Max 30fps; 2CIF(704*288), Max 30fps; CIF(352*288), Max 30fps;			
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			
Motion Detection		Up to 4 areas			
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°/90°Clockwise/90°Anti-Clockwise
Image Features	Hightlight Compensation, Blacklight Compensation, Digital Defog, Dewarping
Audio	
Audio Compression	G.711
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
Interface	
Ethernet	1 * RJ45 10M/100M Base-TX Ethernet
Audio I/O	Input: impedance 35k; amplitude 2V [p-p] Output: impedance 600; amplitude 2V [p-p]
Alarm I/O	1/1
Built-in Mic	Yes
Network	
Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, SNMP HTTPS, SMTP, SSL
Compatibility	ONVIF (Profile S, Profil G, Profil T), API, SDK
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
	Plug-in free live view: Chrome 57.0 and above, Firefox 58.0 and above, Edge 16 and above
Certifications	
EMC	CE: EN 60950-1 UL: UL60950-1 FCC: FCC Part 15
Protection	IP67 (IEC 60529:1989+AMD1:1999+AMD2:2013) IK10 (IEC 62262:2002) 4KV (Surge Protection)

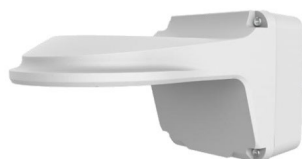
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General	
Power	DC 12V±25%, PoE (IEEE 802.3af)
Power Consumption	Less than 6.0W
Dimensions (Ø x H)	109 x 83mm (Ø 4.3" x 3.3")
Weight	0.43lb / 0.95kg
Material	Metal
Working Environment	-30°C ~ 60°C (-22°F ~ 140°F), Humidity: 95% RH (non-condensing)

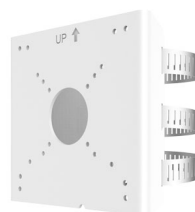
Accessories



XLGJB03-H
Junction Box



XLGJB07WM03-G
Wall Mount



XLGUP06-C
Pole Mount



XLGWM03-D
Wall Mount



XLGSE24
Pendant Mount



XLGCM24
Ceiling Mount



XLGSE24-A
Pendant Mount



VUSD256G
Micro SD Card

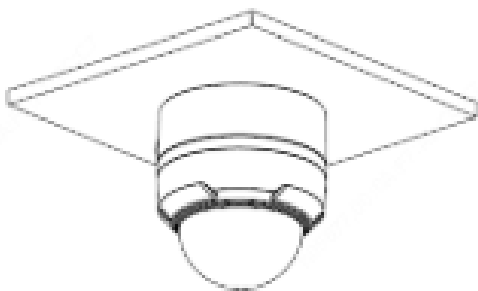


XLGUM06-D
Incline Mount

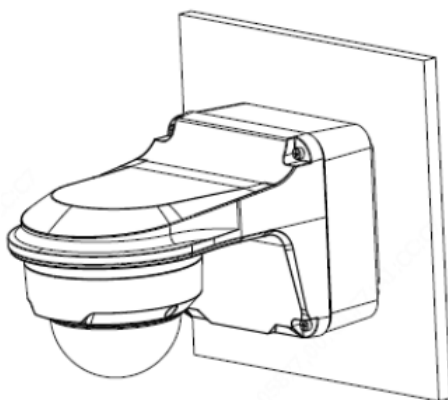
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Accessories Mount

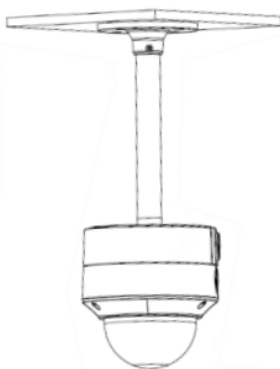
Junction Mount
XLGFM152-A



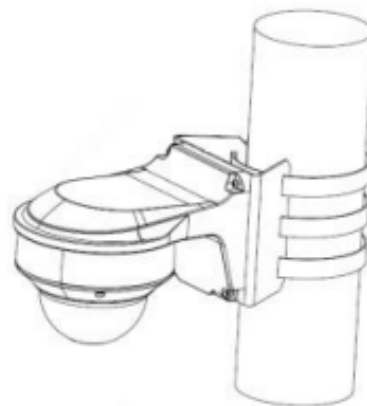
Wall Mount
XLGJB07WM03-G



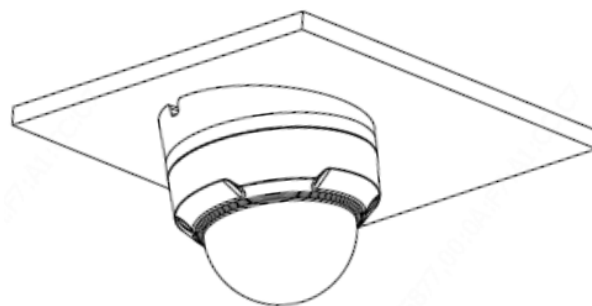
Pendent Mount
XLGJB03-G+XLGCM24



Pole Mount
XLGJB07WM03-G + XLGUP06



Tilted Mount
XLGUM06-D



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