

INLGT02IRWF

2.1 MP AI Vandal Proof Fixed Turret Camera w/IR, IN/OUT, 2.8mm

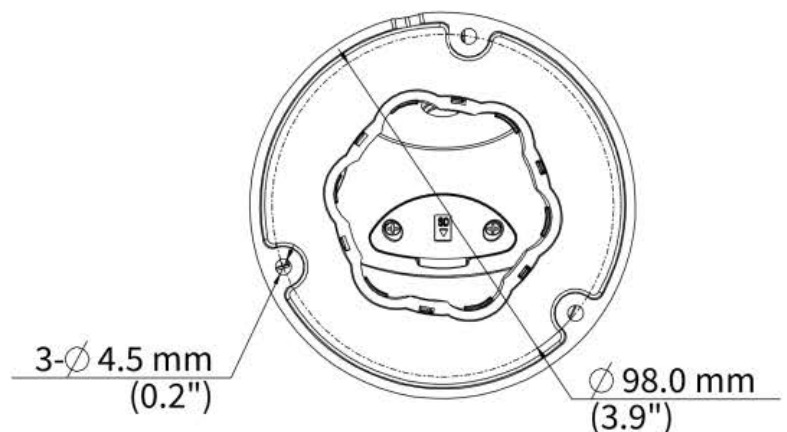
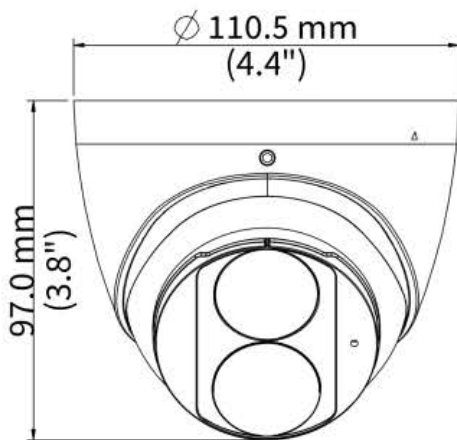
- High quality image with 2MP, 1/2.8" CMOS sensor
- 120dB True WDR technology
- H.265+ & H.264 encoding
- Smart IR, up to 30m (98ft) IR distance
- Supports Micro SD card up to 512GB
- IP67: Water and Dust Resistant
- AI-powered detection minimizes false alarms by distinguishing humans, vehicles, and bicycles from environmental motion.



Legend: Smarter, Stronger, Fully NDAA Compliant

The **INLGT02IRWF** is a 2.1MP vandal-proof fixed turret camera equipped with a 1/2.7" CMOS sensor, 120dB True WDR, and Smart IR for clear imaging day and night. Its AI-powered detection intelligently distinguishes humans, vehicles, and bicycles, reducing false alarms caused by movement from foliage, animals, or lighting changes.

Dimensions



*Design and specifications are subject to change without notice.

Camera					
Image Sensor		1/2.8", 2.0 megapixel, progressive scan, CMOS			
Minimum Illumination		Colour: 0.001 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° ~ 80°	Rotate: 0° ~ 360°	
WDR		120 dB			
S/N Ratio		More than 52 dB			
Illumination					
IR Range		Up to 30m/98ft			
Wavelength		850nm			
IR On & Off Control		Auto/Manual			
Lens					
Focal Length		2.8mm			
Lens Type		Fixed			
Iris		F1.6			
Viewing Angle (H, V, D)		H : 106.7°	V : 57.1°	D : 115.7°	
DORI					
DORI Distance	Lens (mm)	Detect	Observe	Recognize	Identify
	2.8	43.4m /142.4ft	17.4m /57.1ft	8.7m /28.5ft	4.3m /14.1ft
Video					
Compression		H.265+ / H.265 / H.264 / MJPEG			
H.264 code profile		Baseline profile, Main profile, High profile			
Frame Rate		Main Stream: 2MP (1920*1080), Max 30fps; 720P (1280*720), Max 30fps Sub Stream: 720P (1280*720), Max 30fps; D1 (720*576), Max 30fps; 640*360,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		Supported			
Video Stream		Triple			
U-code		Supported			
Image					
White Balance		Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2			
Digital Noise Reduction		2D/3D DNR			

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Flip	Normal/Vertical/Horizontal/180°/90°Clockwise/90°Counterclockwise
Image Features	Smart IR, Highlight Compensation, Backlight Compensation, Digital Defog
AI	
Smart Intrusion Prevention	Cross line detection, intrusion detection, enter area detection, leave area detection (support false alarm filtering and the classification of human, non-motor vehicle and vehicle)
People Counting	Support people flow counting and crowd density monitoring
Events	
Basic Detection	Motion detection, Ultra motion detection, Tampering alarm, Audio detection
General Function	Watermark, IP address filtering, Access policy, ARP protection, RTSP authentication, User authentication, HTTP authentication
Audio	
Audio Compression	G.711U, G.711A
Audio Bit Rate	64 Kbps
Sampling Rate	8KHZ
Audio Features	Suppression
Storage	
Edge Storage	Micro SD, up to 512GB
Network Storage	ANR, NAS (NFS)
Interface	
Ethernet	1*RJ45 10M/100M Base-TX Ethernet
Built-in Features	Built-in Mic
Network	
Protocols	IPv4, IPv6, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, RTMP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS, SSL/TLS, SSH
Compatibility	ONVIF (Profile S, G, T, M), API, SDK
User and host	Up to 32 users 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 for live view in: IE 10+, Chrome 45+, Firefox 52+, Edge 79+
	Plug-in free live view: Chrome 57+, Firefox 58+, Edge 16+
Certifications	
EMC	CE-EMC (EN 55032,EN 61000-3-3,EN IEC 61000-3-2,EN 55035) FCC (FCC 47 CFR part15 B)
Safety	CE LVD (EN 62368-1) CB (IEC 62368-1) UL/CUL (UL 62368-1, CAN/CSA C22.2 No. 62368-1)
Environment	CE-RoHS (2011/65/EU;(EU)2015/863) WEEE (2012/19/EU)

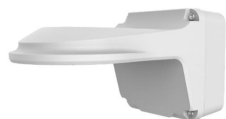
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Protection	IP67 (IEC 60529), 4KV (Surge Protection)
General	
Power	DC 12V±25%, PoE (IEEE 802.3af)
Power Consumption	Less than 5.0W
Power Interface	Ø 5.5mm coaxial power plug
Dimensions (Ø x H)	Ø110.5 x 94.1mm / Ø4.4" x 3.7"
Weight	0.42kg / 0.93lb
Material	Metal
Working Environment	-30°C ~ 60°C (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing)

Accessories



XLGJB03-G
Junction Box



XLGJB07WM03-G
Wall Mount



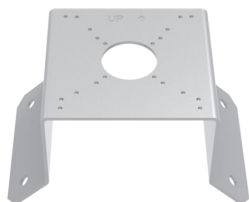
XLGWM03-G
Wall Mount



XLGUP06
Pole Mount



VUSD256G
Micro SD Card



XLGUC08-C
Corner Mounting
Bracket



XLGSE24
Pendant Mount



XLGCM24
Ceiling Mount



XLGSE24-A
Pendant Mount



XLGUM06-D
Fixed Dome
Indoor
Incline Mount

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