

INLG16164KN4TT

KIT: 16 Channel 4 TB 4K NVR Bundle with 16 x 4.1MP TURRETS



In short

This kit includes sixteen INLGTO4IRF 4MP vandal-proof turret cameras and one INLG161624KV2N4T 16-channel NVR (4 TB), providing a complete and reliable surveillance solution. The cameras deliver clear, high-quality images with digital WDR and Smart IR up to 30 m, supporting H.265+ compression and PoE power supply. The NVR supports up to 16 MP recording, two SATA hard drives, and offers easy Plug & Play PoE installation for dependable performance.



Camera : **INLGTO4IRF**

4.1 MP Vandal Proof Fixed Turret Camera w/IR, 2.8mm



NVR : **INLG161624KV2N4T**

16-Channel NVR / 4 TB

- High quality image with 4MP, 1/3" CMOS sensor
- Digital Wide Dynamic Range
- H.265+ & H.264 encoding
- Smart IR, up to 30m (98ft) IR distance
- Supports Micro SD card up to 128GB
- Support PoE power supply
- Supports H.265+ / H.265 / H.264 compression
- 16-Channel input
- Up to 16 Megapixels resolution recording
- 2 SATA HDDs, Up to 8TB per HDD
- Supports cloud upgrade
- Plug & Play with easy 16-port PoE

*Design and specifications are subjects to change without notice.

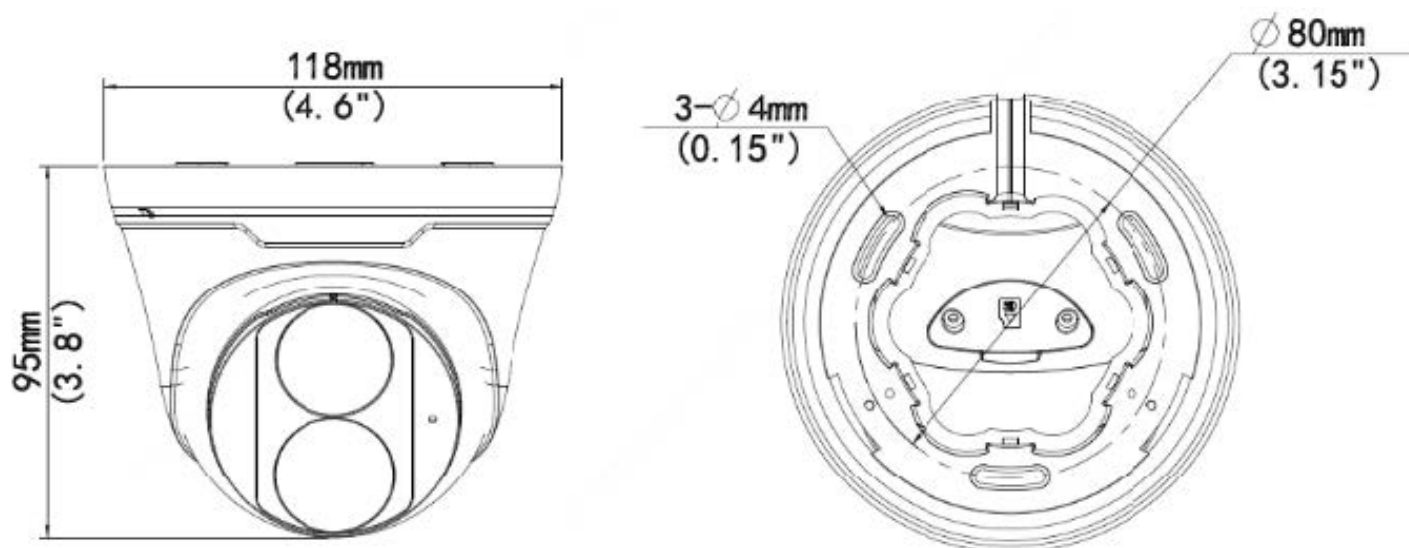
Camera					
Image Sensor		1/3", 4.0 megapixel, progressive scan, CMOS			
Minimum Illumination		Colour: 0.01 lux (F2.0, AGC ON), 0 lux with IR			
Day/Night		IR-cut filter with auto switch (ICR)			
Electronic Speed Shutter		Auto/Manual, 1 ~ 1/100000s			
Pan/Tilt/Rotate		Pan: 0° ~ 360°	Tilt: 0° ~ 75°	Rotate: 0° ~ 360°	
WDR		Digital Wide Dynamic Range			
S/N Ratio		More than 56 dB			
Illumination					
IR Range		Up to 30m/98ft			
Wavelength		850nm			
IR On & Off Control		Auto/Manual			
Lens					
Focal Length		2.8mm @F2.0			
Lens Type		Fixed			
Viewing Angle (H, V, D)		H : 97.0°	V : 52.2°	D : 107.5°	
DORI					
DORI Distance	Lens (mm)	Detect	Observe	Recognize	Identify
	2.8	63m / 206.7ft	25.2m /82.7ft	12.6m / 41.3ft	6.3m/20.7ft
Video					
Compression		H.265+ / H.265 / H.264 / MJPEG			
H.264 code profile		Baseline profile, Main profile, High profile			
Frame Rate		Main Stream: 4MP (2560*1440), Max 25fps; 3MP (2304*1296), Max 30fps; 1080P (1920*1080), Max 30fps; 720P (1280*720), Max 30fps Sub 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~6144 kbps			
On-Screen Display (OSD)		Up to 4 OSDs			
Privacy Mask		Up to 4 areas			
Region of Interest		Up to 8 areas			
Video Stream		Double			
U-code		Supported			
Image					
White Balance		Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2			
Image Settings		Image rotation, brightness, saturation, contrast, sharpness, gain adjustable by web browser			
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
Events	
Basic Detection	Cross line, intrusion (based on human body detection), Motion detection, tampering alarm
General Function	Watermark, IP address filtering, tampering alarm, alarm input, alarm output, access policy, ARP protection, RTSP authentication, user authentication
Storage	
Edge Storage	Micro SD, up to 128GB
Network Storage	ANR, NAS (NFS)
Interface	
Ethernet	1*RJ45 10M/100M Base-TX Ethernet
Network	
Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP, RTMP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, QoS, SSL/TLS, SNMP
Compatibility	ONVIF (Profile S, G, T), API, SDK
User and host	32 users maximum with 2 user levels: administrator and common user
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 57.0 and above, Firefox 58.0 and above, Edge 16 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), 4KV (Surge Protection)
General	
Power	DC 12V±25%, PoE (IEEE 802.3af)
Power Consumption	Less than 4W
Power Interface	Ø 5.5mm coaxial power plug
Dimensions (Ø x H)	Φ118 x 97mm (Φ4.6" x 3.8")
Weight	0.30kg (0.66lb)
Material	Metal and Plastic
Working Environment	-30°C ~ 60°C (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing)

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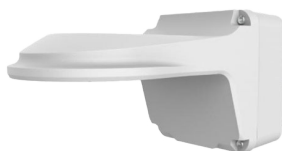
Dimensions



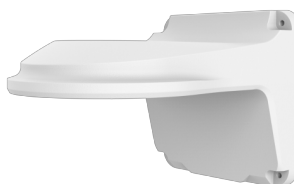
Accessories



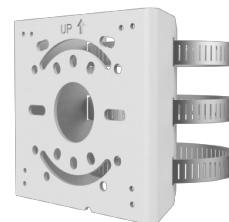
XLGJB03-G
Junction Box



XLGJB07WM03-G
Wall Mount and
Junction Box



XLGWM03-D
Wall Mount



XLGUP06
Pole Mount



XLGA01
Plastic Waterproof
Joint



XLGSE24
Fixed Dome Pendant
Mount Pole 8 inch



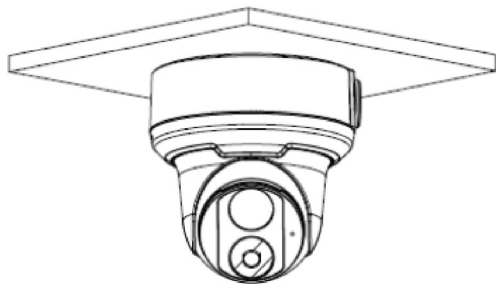
XLGSE24-A
Fixed Dome Pendant
Mount Pole 20 inch



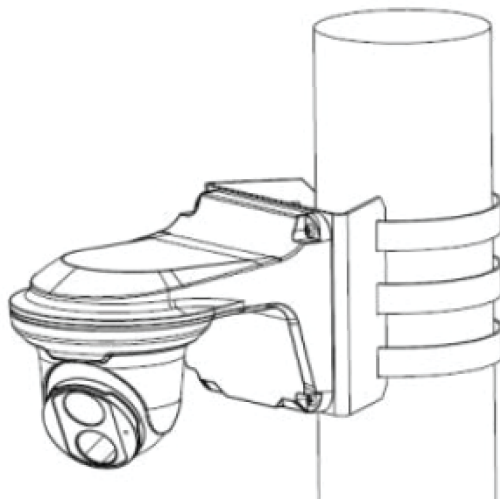
XLGCM24
Pendant Ceiling
Mount

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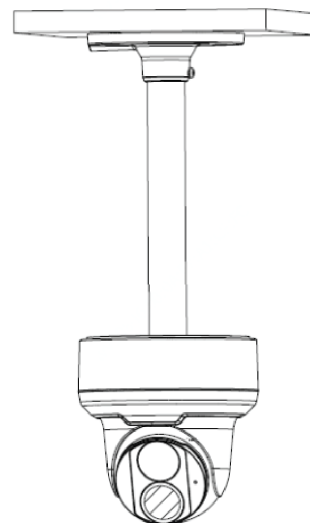
Accessories Mount



Junction Mount
XLGJB03-G



Pole Mount
XLGJB/WM03-G + XLGUP06



Ceiling Mount
XLGCM24 + XLGJB03

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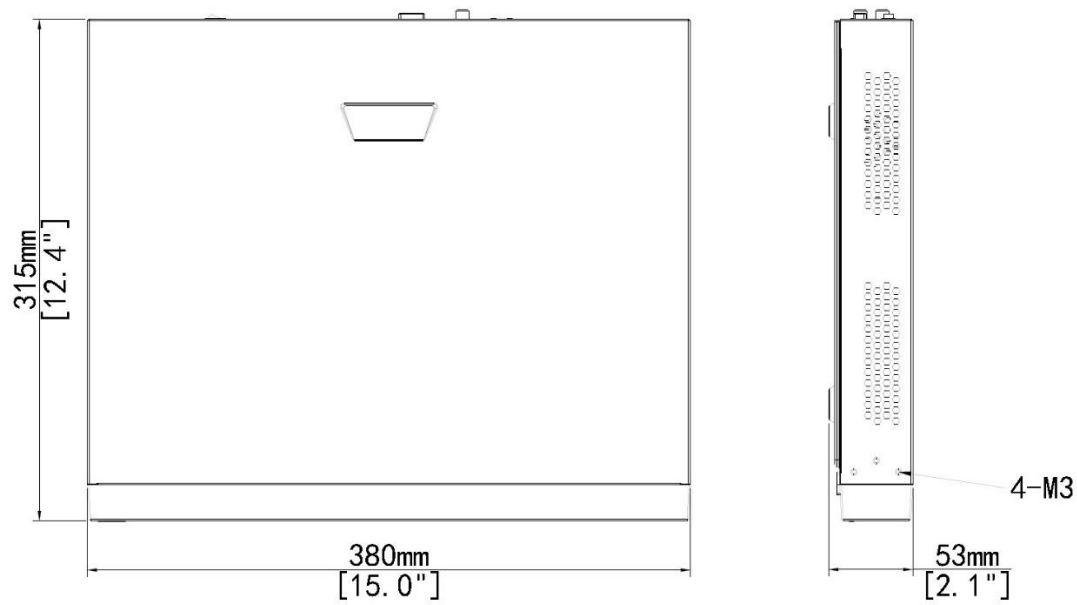
Decoding	
Format	H.265+ / H.265 / H.264
Capability	Ultra 265/H.265: 2 x 16MP@30, 2 x 12MP@30, 4 x 4K@30, 6 x 5MP@30, 8 x 4MP@30, 10 x 3MP@30, 16 x 1080P@30, 32 x 960P@25 H.264: 2 x 16MP(4800 x 2688)@30, 2 x 12MP@30, 2 x 4K@30, 4 x 5MP@30, 6 x 4MP@30, 8 x 3MP@30, 14 x 1080P@30, 30 x 720P@30, 32 x D1
Audio Compression	G.711A, G.711U
Network	
Incoming Bandwidth	320Mbps
Outgoing Bandwidth	160Mbps
Remote Users	128
Protocols	TCP/IP, P2P, UPnP, NTP, DHCP, PPPoE, HTTP, HTTPS, DNS, DDNS, SNMP, SMTP
Browser	Windows: IE (IE10/11), Firefox (version 52.0 and above), Chrome (version 45 and above), Edge (version 79 and above)
Video/Audio Output	
HDMI/VGA Output	HDMI: 4K (3840×2160)@30, 1920×1080p@60, 1920×1080p@50, 1600×1200@60, 1280×1024@60, 1280×720@60, 1024×768@60
	VGA: 1920×1080p@60, 1920×1080p@50, 1280×1024@60, 1600×1200@60, 1280×720@60, 1024×768@60
RCA Audio Output	1-Channel
Liveview Display	1/4/6/8/9/16
Corridor Mode Screen	3/4/5/7/9/10/12/16
Video/Audio Input	
IP Video Input	16 channel
RCA Audio Input	1 channel
Two-way Audio	
Two-way Audio	1-Channel, RCA
Snapshot	
FTP/Schedule/Event Snapshot	4-Channel snapshot, up to D1 resolution
Recording	
Resolution	16MP/12MP/8MP/6MP/5MP/4MP/3MP/1080p/960p/720p/D1/2CIF/CIF
Synchronous Playback in Local	16 channels
Smart	
VCA Detection by IPC	Vehicle Detection, Intrusion Detection, Cross Line Detection, Enter Area, Leave Area, Temperature Detection(Fire Detection, Smoking Detection, Temperature Measurement, Smoke and Fire Detection), UMD(Ultra Motion Detection), Video Metadata, Traffic Monitoring)
VCA Search	Motor Vehicle Search, Non-Motor Vehicle Search, Human Body Search, General Search, People Counting Report
People counting	People Flow Counting, Crowd Density Monitoring
Smart by IPC	8-Channel : Face Detection, SIP, UMD, Video Metadata, Traffic Monitoring by Camera
Alarm	
General Alarm	Defocus Detection, Scene Change Detection, Object Left Behind, Object Removed, Auto Tracking, Motion Detection, Tampering, Human Body Detection, Video Loss, Alarm Input, Audio Detection

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Alert Alarm	IP Conflict, Network Disconnected, Disk Offline , Disk Abnormal, Illegal Access, Hard Disk Space Low, Hard Disk Full, Recording/Snapshot Abnormal
Hard Disk	
SATA	2 SATA interfaces
Capacity	Up to 8TB for each disk
External Interface	
Ethernet	2 RJ-45 10M/100M/1000M self-adaptive Ethernet Interface
USB	Front: 1 x USB2.0, Rear panel: 1 x USB3.0
Port RS485	1
Alarm In	8-channel
Alarm Out	2-channel
Power Supply	12V DC/3.3A
PoE	
Interface	16 RJ-45 10M/100M self-adaptive Ethernet Interface
Max Power	Max 30W for single port Max 240W in total
Supported Standard	IEEE 802.3af/at
Working Environment	
Working Environment	-10°C~+ 55°C (+14°F~+131°F), Humidity ≤ 90% RH (non-condensing)
Power Consumption	≤ 20W (without HDD)
Dimensions	
Weight	≤ 2Kg (4.40lb)
Dimensions	380mm × 315mm × 53mm (15.0" × 12.4" × 2.1")
Certification	
Certification	CE, FCC, UL, RoHS, WEEE
CE	EN 55032, EN 61000-3-3, EN IEC 61000-3-2, EN 55035
FCC	Part15, Subpart B

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Dimensions



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