

INLGB016180WF

CHROMAVIEW 16MP 180°Omniview Network Camera

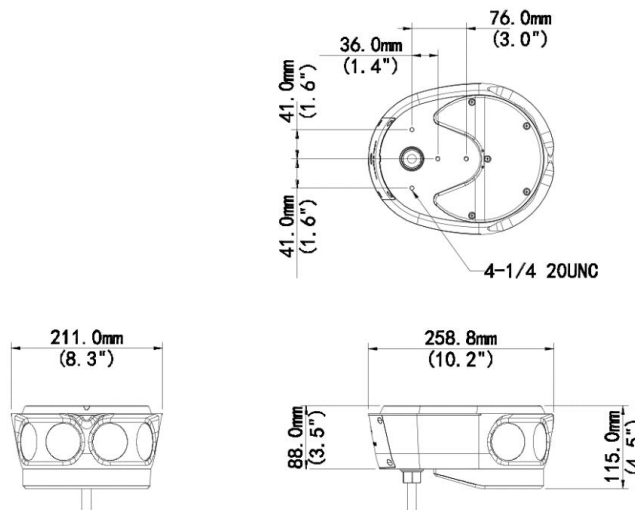
- High quality image with 16MP, 1/1.8" CMOS sensor
- H.265+ & H.264 encoding
- Main stream at 4800*2688@30fps provides a 180° panoramic view, and the 16:9 ratio ensures optimal screen fitting
- Supports Micro SD card up to 256GB
- Smart IR, up to 50m (164ft) IR distance
- Perimeter protection functions: cross-line detection, intrusion detection, area entrance detection, area exit detection



Legend: Smarter, Stronger, Fully NDA Compliant

INLGB016180WF is a 16MP camera with a 1/1.8" CMOS sensor, delivering exceptional image quality and a wide 180° panoramic view at 4800×2688@30fps in a 16:9 ratio for optimal screen fitting. It supports H.265+/H.264 encoding, Smart IR up to 50 m (164 ft), and Micro SD cards up to 256 GB for local storage. With intelligent perimeter protection functions, including cross-line, intrusion, and area entrance/exit detection, this camera provides powerful and reliable panoramic surveillance.

Dimensions



*Design and specifications are subjects to change WITHOUT NOTICE.

Camera					
Image Sensor		1/1.8" CMOS			
Scanning System		Progressive			
Minimum Illumination		Colour: 0.001lux (F1.6, AGC ON), 0lux 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° ~ 80°	Rotate: 0° ~ 360°	
WDR		Digital Wide Dynamic Range			
S/N Ratio		More than 56 dB			
Illumination					
IR Range		Up to 50m/164ft			
Wavelength		850nm			
IR On & Off Control		Auto/Manual			
Lens					
Lens Type		Fixed			
Focal Length		2.8mm			
Viewing Angle (H, V, D)		H : 180°	V : 90°	D : 221.4°	
DORI					
DORI Distance	Lens (mm)	Detect	Observe	Recognize	Identify
	2.8	63m/206.7 ft	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: 4800 x 2688, Max. 30 fps			
		Sub Stream: 2688 x 1520, Max. 30 fps			
		Third Stream: 1280 x 720, Max 30 fps			
Video Bit Rate		128 Kbps~16 Mbps			
U-code		Support			
On-Screen Display (OSD)		Up to 10 OSDs			
Privacy Mask		Up to 8 areas (8 blacks/ 8 mosaics)			
Region of Interest		Up to 8 areas			
Video Stream		Triple			

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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°
Image Features	Highlight Compensation (HLC), Backlight Compensation (BLC)
Defog	Digital Defog
Events	
Basic Detection	Motion Detection; Tampering Alarm; Audio Detection
General Function	Watermark, IP address filtering, alarm input, alarm output, access policy, ARP protection, RTSP authentication, user authentication
Audio	
Audio Compression	G.711U, G.711A
Audio Bit Rate	64 Kbps
Suppression	Supported
Two-way Audio	Supported
Sampling Rate	16KHZ
Storage	
Edge Storage	Micro SD, up to 512GB
Network Storage	ANR, NAS(NFS)
Interface	
Audio I/O	1 Input: impedance 35kΩ; amplitude 2V [p-p]; 1 Output: impedance 600Ω; amplitude 2V [p-p]
Alarm I/O	2/1
Serial Port	1 channel RS485 interface
Network	10M/100M/1000M Base-TX Ethernet
Network	
Protocols	IPv4, IPv6, IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP, RTMP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, SSL/TLS, 802.1x, SNMP
Compatibility	ONVIF (Profile S, Profile G, Profile T), API, SDK
User/Host	Up to 32 users. 2 user levels: administrator and common user
Management software	LEGEND VMS, ARKIV
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

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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-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) 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) 6KV (Surge Protection)
General	
Power	AC24V±25%/DC24V±25%, PoE(IEEE 802.3at)
Power Consumption	Less than 23W
Power Interface	Wires with cold-pressed terminal
Dimensions	258.8 x 211.0 x 115.0 mm (10.2" x 8.3" x 4.5")
Weight	5.01lb/2.271kg
Working Environment	-40 °C ~ 70 °C (-40 °F ~ 158 °F), Humidity: ≤95% RH (non-condensing)
Reset Button	Supported

Accessories



XLGCM06-C
Pendant Mount



XLGUV06-C
Bracket for
INLGB016180WF



XLGWE45-D
Wall Mount for
INLGB016180WF



XLGUP06-B
Pole Mount



XLGJB07-D
Bullet Junction Box



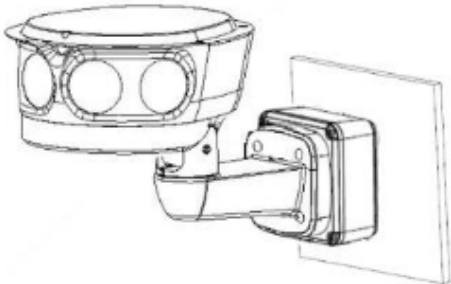
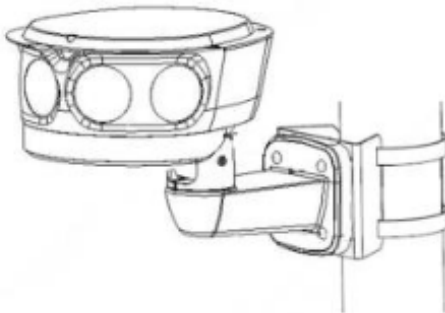
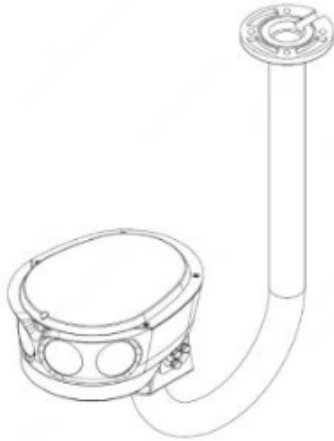
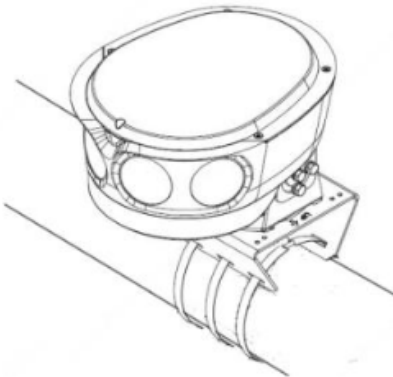
XLGUP06
Pole Mount



VUSD256G
Micro SD Card

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Accessories Mount

Junction Mount XLGWE45A + XLGJB07-D 	Pole Mount XLGWE45A + XLGUP06-B 
Suspended Mount XLGCM06-C 	Horizontal Pole Mount XLGUV06-C + XLGUP06 

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