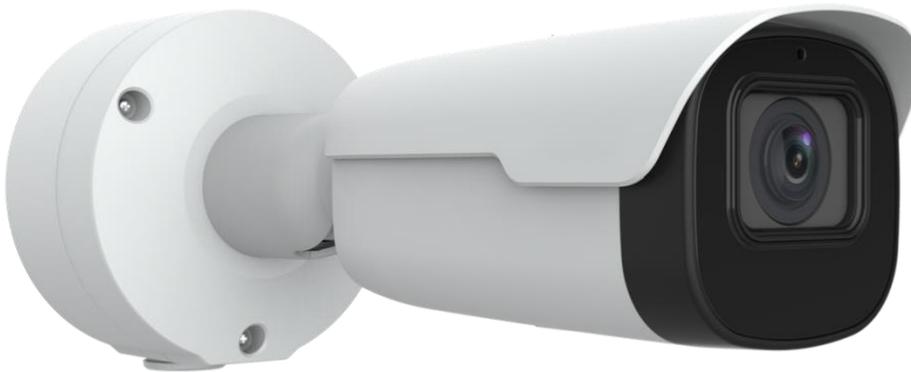# 4MP Starlight WDR IP Network Bullet Camera

GV-B4MP-AI-IP-2.8-12-IR80S

Key Features

- High quality image with 4MP,1/1.8'' CMOS sensor
- 2688*1520@30fps in the main stream
- Ultra 265, H.265, H.264, MJPEG
- Smart intrusion prevention, support false alarm filtering, include Cross Line, Intrusion, Enter Area, Leave Area detection
- Face capture, automatic selection of best snapshots and face attribute collection
- People Counting, support people flow counting and crowd density monitoring, suitable for different statistical scenarios
- Starlight technology ensures ultra-high image quality in low illumination environment
- Up to 120 dB Optical WDR (Wide Dynamic Range)
- Built-in heater, support normal start-up at low temperature
- DC12V or PoE (IEEE 802.3af) power supply
- Wide voltage range of ±25% in DC
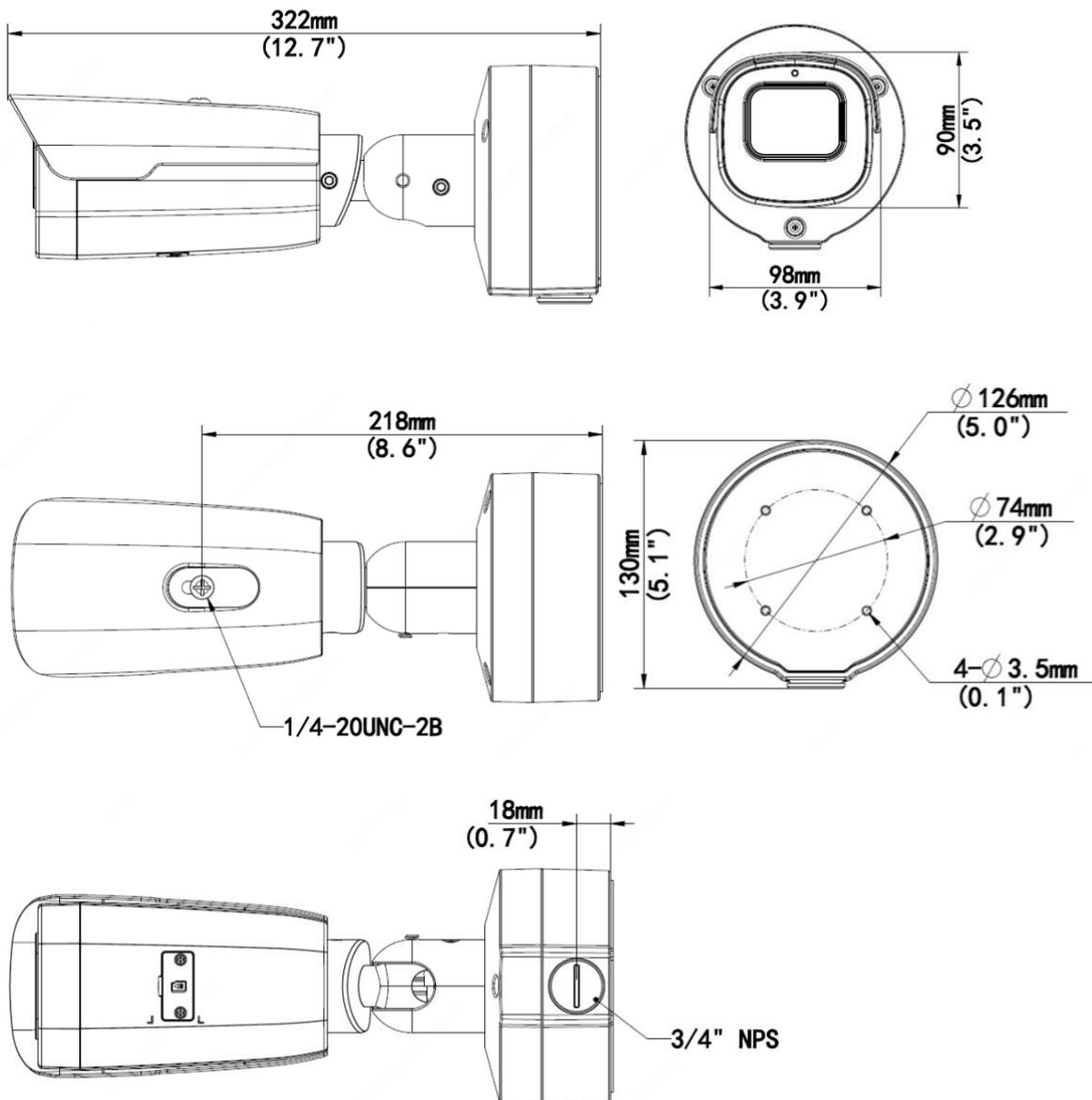- Audio 1 in and 1 out, Alarm 2 in and 1 out

Specifications

Model	GV-B4MP-AI-IP-2.8-12-IR80S
Camera	
Sensor	1/1.8", 4.0 megapixel, progressive scan, CMOS
Min. Illumination	Color:0.0005 lux (F1.2, AGC ON) 0 lux with IR
Day/Night	IR-cut filter with auto switch (ICR)
Shutter	Auto/Manual, 1 ~ 1/100000s
WDR	120dB
S/N	>56dB
Lens	
Lens type	2.8~12mm@F1.2, AF automatic focusing and motorized zoom lens
Iris	Fixed
Angle of View (H)	42.6°~113.7˚
Angle of View (V)	24.1°~59.0˚
Angle of View (O)	4.12°~74.38˚
DORI	

DORI Distance	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
	2.8	68.0(223.0ft)	27.2(89.2ft)	13.6(44.6ft)	6.8(22.3ft)
	12	166.2(545.2ft)	66.5(218.1ft)	33.2(109.0ft)	16.6(54.5ft)

Illuminator	
IR Range	Up to 80m (262 ft) IR range
Wavelength	850nm
IR On/Off Control	Auto/Manual
Video	
Video Compression	Ultra 265, H.265, H.264, MJPEG
Frame Rate	Main Stream: 4MP (2688*1520), Max 30fps; Sub Stream: 1080P (1920*1080), Max 30fps; Third Stream: D1 (720*576), Max 30fps;
Video Bit Rate	128 Kbps~16 Mbps
ROI	Up to 8 areas
Video stream	Triple streams
OSD	Up to 8 OSDs
Privacy Mask	Up to 4 areas per scene
Image	
White Balance	Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2
Digital noise reduction	2D/3D DNR
Smart IR	Support
Flip	Normal/Flip Vertical/Flip Horizontal/180°/90°Clockwise/90°Anti-clockwise
HLC	Support
BLC	Support
Defog	Digital Defog
Intelligent	
Smart intrusion prevention	Support false alarm filtering: Cross Line detection, Intrusion detection, Enter Area detection, Leave Area detection
Face capture	Support, Face attributes: Gender, Age range, Glasses, Mask

People counting	Support people flow counting and crowd density monitoring
Events	
Basic Detection	Motion detection, Audio detection, Tampering alarm
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 Bitrate	64 Kbps
Two-way Audio	Support
Suppression	Support
Sampling Rate	8KHz
Storage	
Edge Storage	Micro SD, up to 256 GB
Network Storage	ANR,NAS(NFS)
Network	
Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS, RTMP, SSL/TLS
Compatible Integration	ONVIF (Profile S, Profile G, Profile T), API, SDK
User/Host	Up to 32 users. 2 user levels: administrator and common user
Security	Password protection, strong password, HTTPS encryption, basic and digest authentication for RTSP, digest authentication for HTTP, TLS 1.2, WSSE and digest authentication for ONVIF
Client	APP: Guard Viewer CMS: Guard Station Tools: Guard Tools
Web Browser	See master list for latest compatibility
Interface	
Audio I/O	1/1
Alarm I/O	2/1
Serial Port	N/A
Built-in Mic	Support
Built-in Speaker	N/A
Built-in Heater	Support
Video output	1 BNC
Network	1 * RJ45 10M/100M Base-TX Ethernet
Certification	
EMC	FCC CFR 47 Part 15 EN 55032:2015 EN 55024:2010 EN 61000-3-2:2014 EN 61000-3-3-2013
Safety	IEC 62368-1 EN 62368-1 UL 60950-1
Environment	CE-ROHS (2011/65/EU;(EU)2015/863); WEEE (2012/19/EU); REACH (Regulation (EC) No 1907/2006)
General	
Power	DC12V(±25%), PoE(IEEE 802.3af)
	Power consumption: Max 12W
Dimensions (L x W x H)	Ø 130×322mm (Ø 5.1'' x 12.7'')

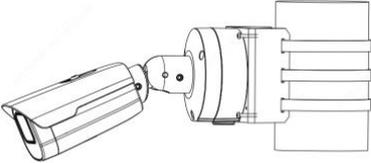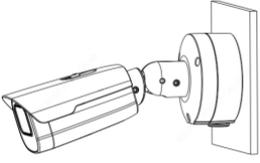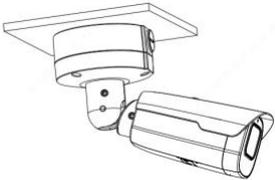| Weight	1.5Kg(3.31lb)
Working Environment	-40°C ~ 60°C (-40°F ~ 140°F), Humidity: ≤95% RH (non-condensing)
Storage Environment	-40°C ~ 70°C (-40°F ~ 158°F), Humidity: ≤95% RH (non-condensing)
Surge protection	6KV
Reset button	Support
Protection	Ingression protection: IP67 Vandal resistant: IK10

Dimensions

Accessories

GV-PS6C

Pole Mount	Wall mount
GV-PS6C	
Pendent mount	