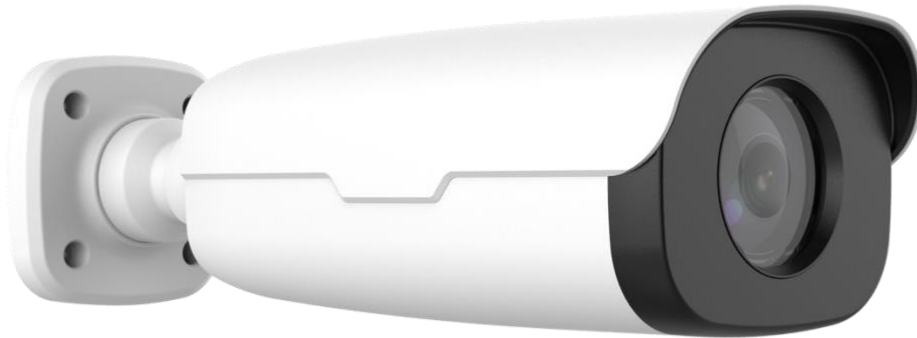# 4MP Starlight WDR Network IR Bullet Camera

GV-B4MP-AI-IP-6.5-143-IR150S

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
- Five streams offer more choices for different clients in an integrated solution
- 22X optical zoom allows for closer viewing of subjects
- Smart intrusion prevention, support false alarm filtering, include Cross Line, Intrusion, Enter Area, Leave Area detection
- Face capture, automatic selection of best snapshots
- 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
- Support optical interface & network interface serial connection, reduce the cost of wiring
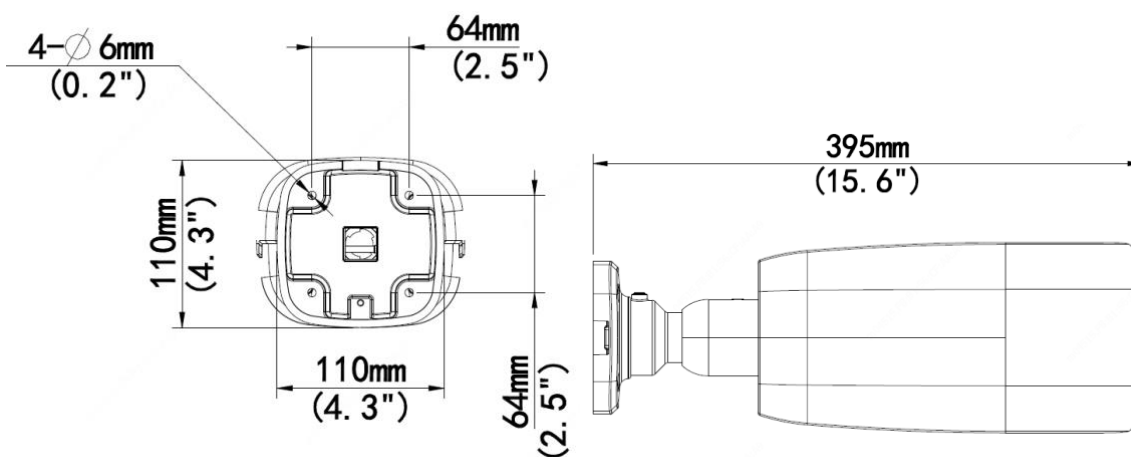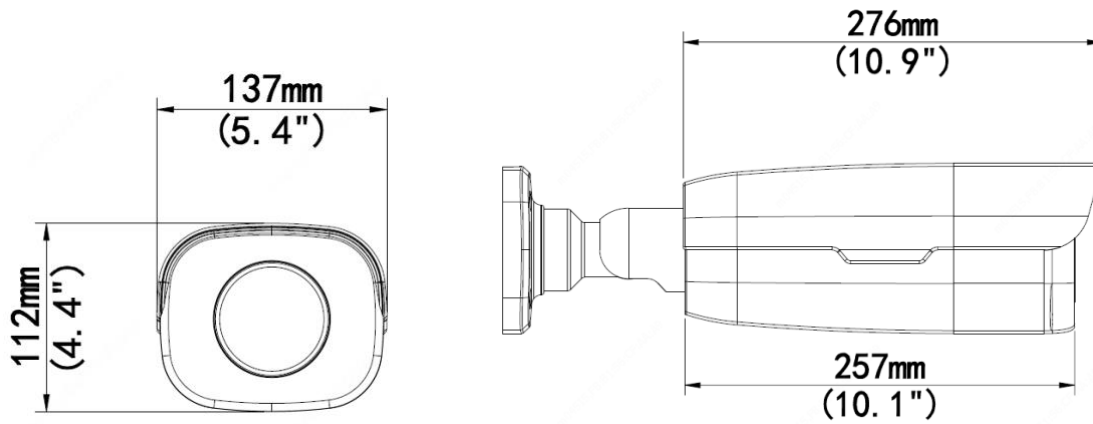
Specifications

Model	GV-B4MP-AI-IP-6.5-143-IR150S			
Camera				
Sensor	1/1.8", 4.0 megapixel, progressive scan, CMOS			
Min. Illumination	Colour:0.001 lux (F1.5, 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	> 52dB			
Lens				
Lens type	6.5~143mm@F1.5, AF automatic focusing and motorized zoom lens			
Iris	DC-iris			
Angle of View (H)	3.49°~60.47˚			
Angle of View (V)	1.97°~36.30˚			
Angle of View (O)	4.12°~74.38˚			
DORI				
DORI Distance	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
	6.5	97.5(319.9ft)	39.0(128.0ft)	19.5(64.0ft)	9.8(32.0ft)
	143	2145.0(7037.4ft)	858.0(2815.0ft)	429.0(1407.5ft)	214.5(703.7ft)
Illuminator				
IR Range	Up to 150m (492.1 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; Fourth Stream: D1 (720*576), Max 30fps; Fifth Stream: D1 (720*576), Max 30fps;			
Video Bit Rate	128 Kbps~16 Mbps			
U-code	Support			
ROI	Up to 8 areas			
Video stream	Five 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: Line crossing detection, Intrusion detection, Region entrance detection, Region exit 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, Export operation logs, 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	1 RS485
Built-in Mic	N/A
Built-in Speaker	N/A
Built-in Heater	Support
WIFI	N/A
Network	1 * RJ45 10M/100M/1000M Base-TX Ethernet + 1 * 100M/1000M SFP
Video Output	1 BNC
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	

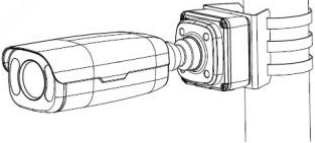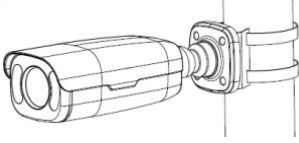| Power	AC24V(±25%), PoE(IEEE 802.3at)
	Power consumption: Max 15.0W
Power Interface	Wires with cold-pressed terminal
Dimensions (L x W x H)	395 x 137 x 112mm (15.6" x 5.4" x 4.4")
Weight	3.7kg(8.16lb)
Working Environment	-40℃~60℃(-40°F ~ 140°F)，Humidity: ≤95% RH (non-condensing)
Storage Environment	-40℃~70℃(-40°F ~ 158°F)，Humidity: ≤95% RH (non-condensing)
Surge protection	6KV
Reset button	Support
Protection	Ingression protection: IP67 Vandal resistant: N/A

Dimensions

Accessories

| GV-JB7D | GV-PS6B | GV-PS6C |

Junction Mount with Pole mount	Pole Mount no Junction Mount
GV-JB7D + GV-PS6C	GV-PS6B

Junction Mount Wall	
GV-JB7D	