

GV-TBL4807 AI 4MP H.265 Super Low Lux WDR Pro IR Fixed Bullet IP Camera



- AI deep learning: AI Perimeter Protection & Classification (Human, Vehicle)
- 1/2.7" progressive scan CMOS
- Min. illumination at 0.002 lux
- Triple streams from H.265, H.264 or MJPEG
- Up to 30 fps at 2688 x 1520
- Intelligent IR
- IR distance up to 80 m (260 ft)
- Day and Night function (with removable IR-cut filter)
- Ingress protection (IP67)
- DC 12V / PoE (IEEE 802.3af)
- Built-in microSD card slot (SD / SDHC / SDXC / UHS-I, Class 10) for local storage
- Built-in microphone
- Wide Dynamic Range Pro (WDR Pro)
- AI analytics (Intrusion, Line Crossing, Region Entrance, Region Exiting, Face Detection, People Counting, Crowd Density Monitoring)
- 3D noise reduction
- Motion detection
- Tampering Alarm
- Defog
- Text overlay
- Privacy mask
- 12 languages supported
- ONVIF (Profile G, S, T, M) conformant

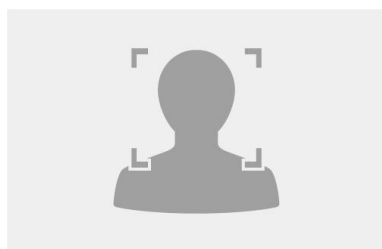
Introduction

GV-TBL4807 is an outdoor, network camera equipped with an automatic IR-cut filter and IR LEDs for day and night surveillance. The camera supports H.265 video codec to achieve better compression ratio while maintaining high quality pictures at reduced network bandwidths. The camera adheres to IP67 standards, and can be powered through PoE.

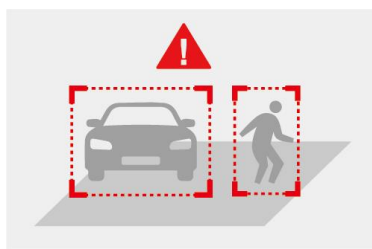
Empowered by deep learning algorithms, AI technology distinguishes human and vehicles from other moving objects. Integrated with GeoVision Video Management Software (VMS), it supports AI perimeter protection, real time alert, event playback and more.

Deep Learning Function

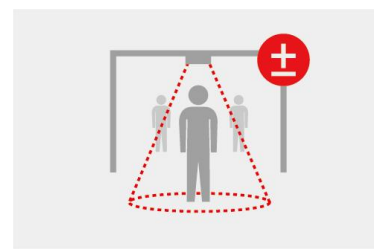
Face Detection



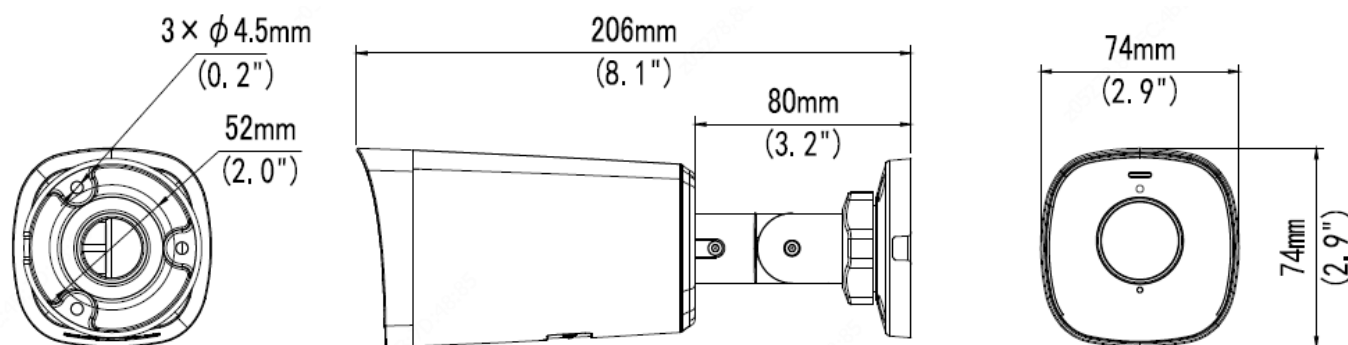
AI Perimeter Protection (Intrusion, Crossing Line Entering Area, Leaving Area)



People Flow Counting



Dimensions



Specifications

Camera					
Image Sensor		1/2.7" progressive scan CMOS			
Picture Elements		2688 (H) x 1520 (V)			
Minimum Illumination	Color	0.002 Lux (F1.6, AGC ON)			
	IR On	0 Lux			
Shutter Speed		Automatic, Manual (1 ~ 1/100000 sec)			
White Balance		Automatic, Manual			
Gain Control		Automatic, Manual			
S/N Ratio		56 dB			
WDR Pro		Yes			
Dynamic Range		120 dB			
Lens					
Megapixel		4 MP			
Day/Night		Yes (with removable IR-cut filter)			
Focal Length		6 mm			
Lens Type		Fixed			
Maximum Aperture		F/1.6			
Mount		M12			
Horizontal FOV		52.1°			
Operation	Focus	Fixed			
	Zoom	Fixed			
	Iris	Fixed			
IR LED Quantity		4 IR LEDs			
Max. IR Distance		80 m (260 ft)			
DORI		Detect	Observe	Recognize	Identify
Lens	6 mm	135 m (442.9 ft)	54 m (177.2 ft)	27 m (88.6 ft)	13.5 m (44.3 ft)
Operation					
Video Compression		H.265, H.264, MJPEG			
Video Streaming		Triple streams			
Video Resolution	Main Stream	2688 x 1520 (Default), 2560 x 1440, 2304 x 1296, 1920 x 1080, 1280 x 720			
	Sub Stream	1280 x 720, 720 x 576, 640 x 360 (Default), 640 x 480			
	Third Stream (Closed by Default)	640 x 360, 352 x 288			
Frame Rate		30 fps at 2688 x 1520, 2560 x 1440, 2304 x 1296, 1920 x 1080 (50/60 Hz) *The frame rate and performance may vary depending on the number of connections and data bitrates (different scenes).			
Maximum throughput		40 Mbps			
Maximum stream *When the total bitrate is within the maximum throughput		20			

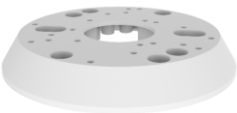
Video Analytics		Motion Detection, Audio Alarm, Tamper Detection. *Tampering detection and audio alarm are only accessible through the camera's Web interface, which can be used to trigger alerts such as e-mail and FTP
Image Setting		Brightness, Contrast, Saturation, Sharpness, Flicker-less, Image Orientation (Flip, Mirror, 90°, 180°-including Corridor format)
Audio Compression		G.711
Audio Support		One-way Audio (built-in microphone)
Digital I/O	Input	1 Input, dry contact, NO / NC
	Output	1 Relay Output (1A 30V DC / 0.3A 125V AC)
Deep Learning Function		
AI Analytics		- Human & Vehicle classification: Intrusion, Crossing Line, Entering Area, Leaving Area, Intrusion - Face Detection, People Flow Counting, Crowd Density Monitoring
Network		
Interface		10/100 Ethernet
Protocol		802.1X (including EAP-TLS), ARP, DDNS, DHCP, DNS, FTP, HTTP, HTTPS, ICMP, IGMP, IPv4, IPv6, NTP, ONVIF (Profile G, S, T, M), PPPoE, QoS, RTCP, RTP, RTSP, SMTP, SNMP, TCP, UDP, UPnP
Mechanical		
Camera Angle Adjustment	Pan	0° ~ 360°
	Tilt	0° ~ 90°
	Rotate	0° ~ 360°
Connectors	Power	DC Jack, PoE
	Ethernet	RJ-45
	Audio	2 In (built-in microphone x 2)
	Digital I/O	I/O wires
	Local Storage	microSD card slot (SD / SDHC / SDXC / UHS-I, Class 10) * UHS-II card type is not supported.
General		
Operating Temperature		-30°C ~ 60°C (-22°F ~ 140°F)
Humidity		0 ~ 95% (no condensation)
Power Source		1.25A 12V DC / PoE (IEEE802.3af)
Max. Power Consumption		7 W
Dimensions		206 × 74 × 74 mm (8.1" × 2.9" × 2.9")
Weight		0.51 kg (1.12 lb)
Ingress Protection		IP67
Certification		CE, FCC, LVD, RoHS, UL compliant
Web Interface		
Installation Management		Web-based configuration
Maintenance		Firmware upgrade through Web Browser or Utility
Access from Web Browser		Live View, Video Recording, Change Video Quality, Bandwidth Control, Image Snapshot, Text Overlay, Image Masking
Language		Chinese Traditional, Czech, English, French, German, Hungarian, Italian, Japanese, Polish, Portuguese, Russian, Spanish
Software Applications		
Software Supported		GV-VMS (V17.4.7 with patch / V18.3.2 with patch or later), GV-Control Center (V3.8.0 with patch / V4.2.0 or later), GV-Edge Recording Manager Windows Version (V2.2.7 or later), GV-Recording Server / Video Gateway (V2.1.0 with patch or later)
Smart Device Access		GV-Eye for iOS / Android (V3.11 or later)
Live Viewing		Browser (IE, Edge, Chrome, Firefox)

Note: All specifications are subject to change without notice.

Packing List

- | | |
|--------------------------------|--------------------------|
| 1. GV-TBL4807 IR Bullet Camera | 4. Drill Template Paster |
| 2. Waterproof Rubber Set | 5. Torx Wrench |
| 3. Screw kit | 6. Download Guide |

Accessories

Model No.	Name		Details
GV-Mount300-2 (must be used with GV-Mount504)	Convex Corner Mount		Dimensions: 137 x 233 x 160 mm (5.4" x 9.17" x 6.3") Weight: 1.65 kg (3.64 lb)
GV-Mount310-2 (must be used with GV-Mount504)	Concave Corner Mount		Dimensions: 111.2 x 369.9 x 210 mm (2.6" x 11.4" x 6.6") Weight: 1.65 kg (3.64 lb)
GV-Mount440	Pole Mount		Dimensions: 127 x 136 x 62.5 mm (5.0" x 5.4" x 2.5") Weight: 0.34 kg (0.75 lb)
GV-Mount504	Wall Mount Bracket		Dimensions: 104.4 x 54.5 mm (4.11" x 2.15") Weight: 0.36 kg (0.79 lb)
GV-Mount924 (for standard US single and double gang boxes only)	Power Box Mount Bracket		Dimensions: Ø 128 x 18.5 mm (Ø 5" x 0.7") Weight: 0.15 kg (0.33 lb)
GV-PA191			GV-PA191 is a Power over Ethernet (PoE) adapter designed to provide power to the IP device through a single Ethernet cable.
GV-PA301			GV-PA301 is a Gigabit Power over Ethernet (PoE) adapter designed to provide power to the IP device through a single Ethernet cable.
GV-POE Switch	GV-POE Switch is designed to provide power along with network connection for IP devices. It is available in various models with different numbers and types of ports.		
Power Adapter	Contact our sales representatives for the countries and areas supported.		