

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 micro SD 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 / ultra motion detection
- Tampering Alarm
- Defog
- Text overlay
- Privacy mask
- 12 languages supported
- ONVIF (Profile G, S, T) conformant

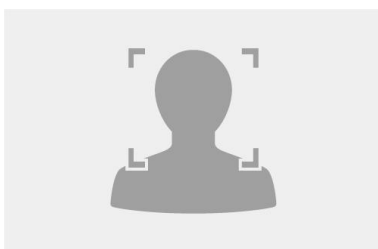
Introduction

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.

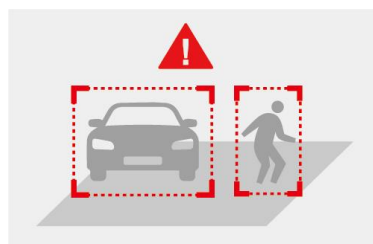
Deep Learning Function

Face Detection

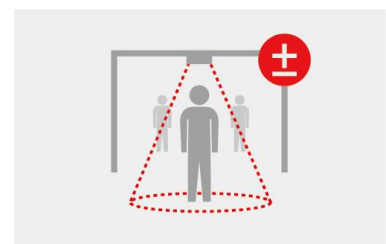


AI Perimeter Protection

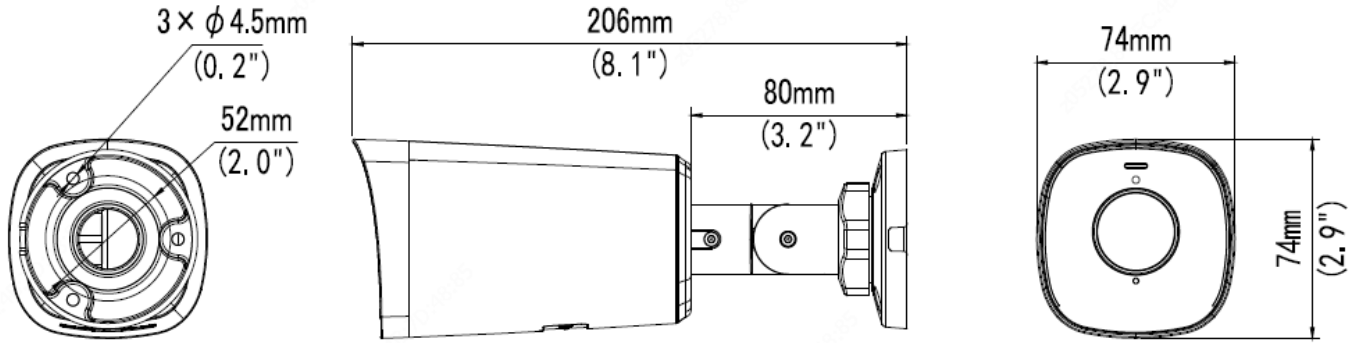
(Intrusion, Crossing Line
Entering Area, Leaving Area)



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) | 720 x 576, 704 x 288, 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). | | |
| Video Analytics | Motion Detection / Ultra 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 | <ul style="list-style-type: none"> - 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, ARP, DDNS, DHCP, DNS, FTP, HTTP, HTTPS, ICMP, IGMP, IPv4, IPv6, NTP, ONVIF (Profile G, S, T), 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 | Micro SD 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 | Czech, English, French, German, Hungarian, Italian, Japanese, Polish, Portuguese, Russian, Spanish, Traditional Chinese | |
| 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, Safari) | |

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: \varnothing 128 x 18.5 mm (\varnothing 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. |