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

AI
Artificial intelligence

- 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
- Tampering Alarm
- Defog
- Text overlay
- Privacy mask
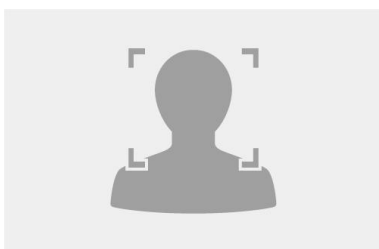- 12 languages supported
- ONVIF (Profile G, S, T, M) conformant

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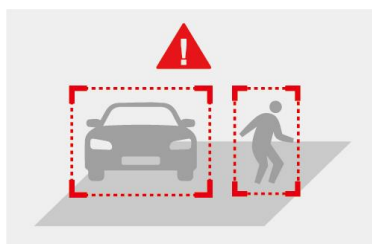
Empowered by deep learning algorithms, AI technology distinguishes human and vehicles from other moving objects. Integrated with GeoVision Video Management Software (VMS), it supports AI perimeter protection, real time alert, event playback and more.
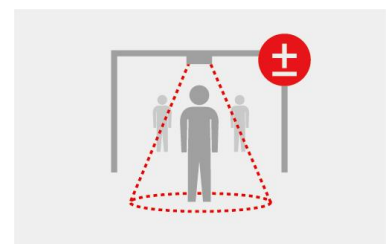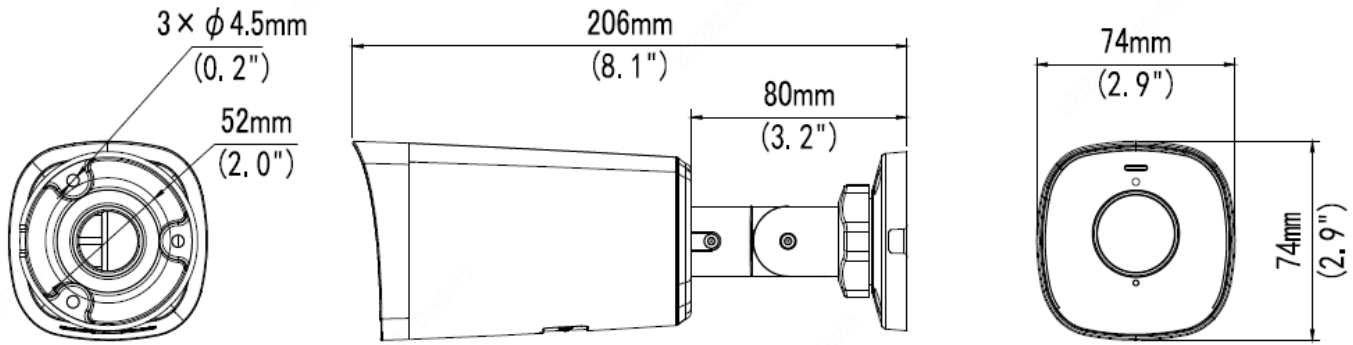
Deep Learning Function

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)

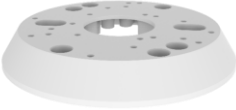| Operation		
Video Compression		H.265, H.264, MJPEG
Video Streaming		Triple streams
Video Resolution	Main Stream	2688 x 1520 (Default), 2560 x 1440, 2304 x 1296, 1920 x 1080, 1280 x 720
	Sub Stream	1280 x 720, 720 x 576, 640 x 360 (Default), 640 x 480
	Third Stream (Closed by Default)	720 x 576, 704 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, 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, 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	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
2. Waterproof Rubber Set
3. Screw kit
4. Drill Template Paster
5. Torx Wrench
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.