GV-TBL4700 4MP H.265 Super Low Lux WDR IR Bullet IP Camera

- 1/3" progressive scan super low lux CMOS sensor
- Min. illumination at 0.01 lux
- Triple streams from H.265, H.264 or MJPEG
- Up to 20 fps at 2592 x 1520
- Intelligent IR
- IR distance up to 30 m (100 ft)
- Day and night function (with removable IR-cut filter)
- Vandal Resistance (IK10 for metal casing)
- Ingress protection (IP67)
- Built-in micro SD card slot (SD / SDHC / SDXC / UHS-I, Class 10) for local storage
- DC 12V / PoE (IEEE 802.3af)
- Wide Dynamic Range
- Defog
- 3D noise reduction
- Motion detection
- Tampering Alarm
- Text overlay
- Privacy mask
- ONVIF (Profile G, S, T) conformant

Introduction

The Bullet IP Camera is an outdoor, fixed, 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 IK10 and IP67 standards, and can be powered through PoE.

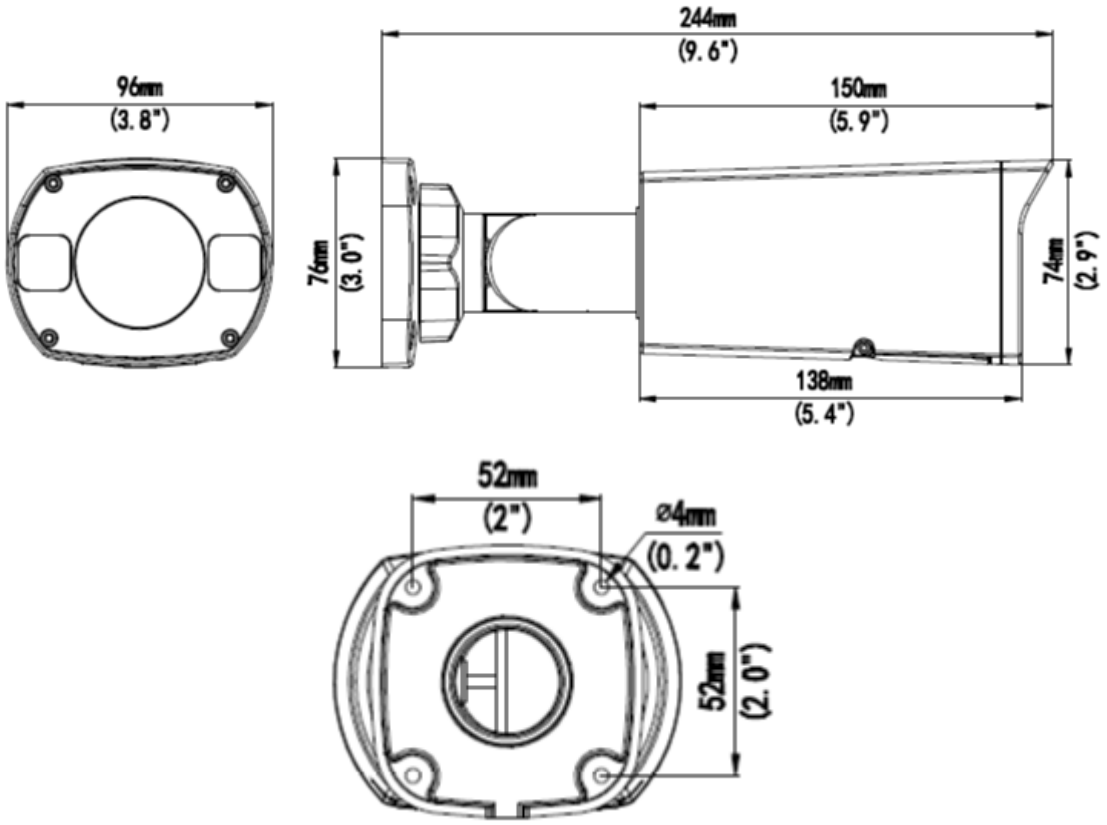
Active Tampering Alarm

Tampered

Focus Change

Camera Shift

Dimensions



Specifications

Camera		
Image Sensor		1/3" progressive scan super low lux CMOS
Picture Elements		2592 (H) x 1520 (V)
Minimum Illumination	Color	0.01 Lux (F1.6, AGC ON)
	IR On	0 Lux
Shutter Speed		Auto / Manual (1/25 ~ 1/100000 sec)
White Balance		Auto / Manual
Gain Control		Auto / Manual
S/N Ratio		52 dB
WDR		Yes
Dynamic Range		Up to 72 dB
Lens		
Megapixel		4 MP
Day / Night		Yes (with removable IR-cut filter)
Lens Type		Varifocal lens
Focal Length		2.8 ~ 12 mm
Maximum Aperture		F/1.6
Mount		Ø14 mm
Horizontal FOV		96° ~ 32°
Operation	Focus	Manual (w/ lock)
	Zoom	Manual (w/ lock)
	Iris	Fixed
IR LED Quantity		2 IR LEDs
Max. IR Distance		30 m (100 ft)
Operation		
Video Compression		H.265, H.264, MJPEG
Video Streaming		Triple streams
Frame Rate		20 fps at 2592 x 1520 (60 / 50 Hz) * The frame rate and performance may vary depending on the number of connections and data bitrates (different scenes).

Video Analytics		Motion Detection, Tampering Alarm, Intrusion, Human Body Detection
Image Setting		Brightness, Contrast, Saturation, Sharpness, Flicker-less, 3D Noise Reduction, Image Orientation (Flip, Mirror, 0°, 180°), Exposure Mode, Shutter Speed, Gain Control, Slow Shutter, Backlight Compensation (BLC), Metering Control, D/N Sensitivity, WDR, Smart Illumination, White Balance, Defog
Video Resolution		
Video Resolution	Main Stream	2592 x 1520 (Default), 2048 x 1520, 1920 x 1080
	Sub Stream	1920 x 1080, 1280 x 720, 720 x 576, 704 x 288, 640 x 360 (Default), 352 x 288
	Third Stream (Closed by Default)	720 x 576, 704 x 288, 640 x 360, 352 x 288
Network		
Interface		10/100 Ethernet
Protocol		ARP, DHCP, DDNS, DNS, DynDNS, FTP, HTTP, HTTPS, ICMP, IGMP, IPv4, NTP, PPPoE, QoS, RTCP, RTP, RTSP, SMTP, SNMP, TCP, UDP, UPnP, ONVIF (Profile G, S, T)
Mechanical		
Camera Angle Adjustment	Pan	0 ~ 360°
	Tilt	0 ~ 120°
	Rotate	0 ~ 360°
Connectors	Power	DC Jack (DC 12V, 1A), PoE (IEEE802.3af)
	Ethernet	RJ-45
	Local Storage	Micro SD card slot (SD / SDHC / SDXC / UHS-I, Class 10) * UHS-II card type is not supported.
General		
Operating Temperature		-35 ~ 60°C (-31 ~ 140°F)
Humidity		0 ~ 95% (no condensation)
Power Source		12 V DC / PoE (IEEE802.3af)
Max. Power Consumption		7 W
Dimensions		244 × 96 ×74 mm (9.6” × 3.8” × 2.9”)
Weight		1 kg (2.2 lb)
Ingress Protection		IP67
Vandal Resistance		IK10 for metal casing
Regulatory		FCC, CE, RoHS 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, Italian, Russian, Traditional Chinese
Applications		
Software Supported		GV-VMS (V17.3.0 / V18.1.1), GV-DVR / NVR (V8.8), GV-Control Center (V3.7.0), GV-Recording Server / Video Gateway (V1.4.2), GV-Edge Recording Manager Win version (V1.4.0), GV-Redundant / Failover Server (V1.1.0.0) *It is required to apply patch files to all the supported software.
Smart Device Access		GV-Eye for iOS and Android
Live Viewing		Browser (IE, Edge, Chrome, Safari, Firefox), Mobile App

Note:

1. Do not use clothes or any ordinary material to clean the camera cover since they may result in scratches.
2. Specifications are subject to change without notice.

Packing List

1. Bullet IP Camera
2. Waterproof Rubber Set
3. Screw Kit
4. Drill Template Paster
5. Download Guide
6. Warranty Card

Note: Power adapters can be purchased upon request.

Accessories

Model No.	Name		Details
GV-Mount300-2	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	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-Mount503	Wall Mount Bracket		Dimensions: 125 x 125 x 55 mm (4.9 x4.9 x2.2”) Weight: 0.74 kg (1.63 lb)
GV-Mount420 (must be used with GV-Mount503)	Pole Mount Bracket		Dimensions: Ø 120 x 120 x 53.4 mm (Ø 4.7 x 4.7 x 2.1”) Weight: 0.45 kg (0.99 lb) Steel Strap Diameter: Ø 67 ~ 127 mm (Ø 2.6” ~ 5”)
GV-PA191	Power over Ethernet (PoE) Adapter		GV-PA191 is a 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. The GV-POE Switch is available in various models with different numbers and types of ports.	
Power Adapter		Contact our sales representatives for the countries and areas supported.	