

GV-ABL2702 2MP H.265 Low Lux WDR Pro IR Bullet IP Camera



- 1/2.9" progressive scan low lux CMOS sensor
- Min. illumination at 0.002 lux
- Triple streams from H.265, H.264 or MJPEG
- Up to 30 fps at 1920 x 1080
- Intelligent IR
- IR distance up to 50 m (164 ft)
- Day and night function (with removable IR-cut filter)
- Ingress protection (IP67)
- Vandal Resistant (IK10)
- Built-in micro SD card slot (SD / SDHC / SDXC / UHS-I, Class 10) for local storage
- Two-way audio
- DC 12V / PoE (IEEE 802.3af)
- Wide Dynamic Range Pro (WDR Pro)
- Defog
- 3D noise reduction
- Motion detection
- Tampering Alarm
- Text overlay
- Privacy mask
- ONVIF (Profile S) conformant

Introduction

The Bullet IP Camera is an outdoor, fixed, network camera equipped with an automatic IR-cut filter and 3 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. With Wide Dynamic Range Pro (WDR Pro), it can process scenes with contrasting intensities of light and produce clear image. The camera adheres to IK10 and IP67 standards and can be powered through PoE.

Active Tampering Alarm

Tampered



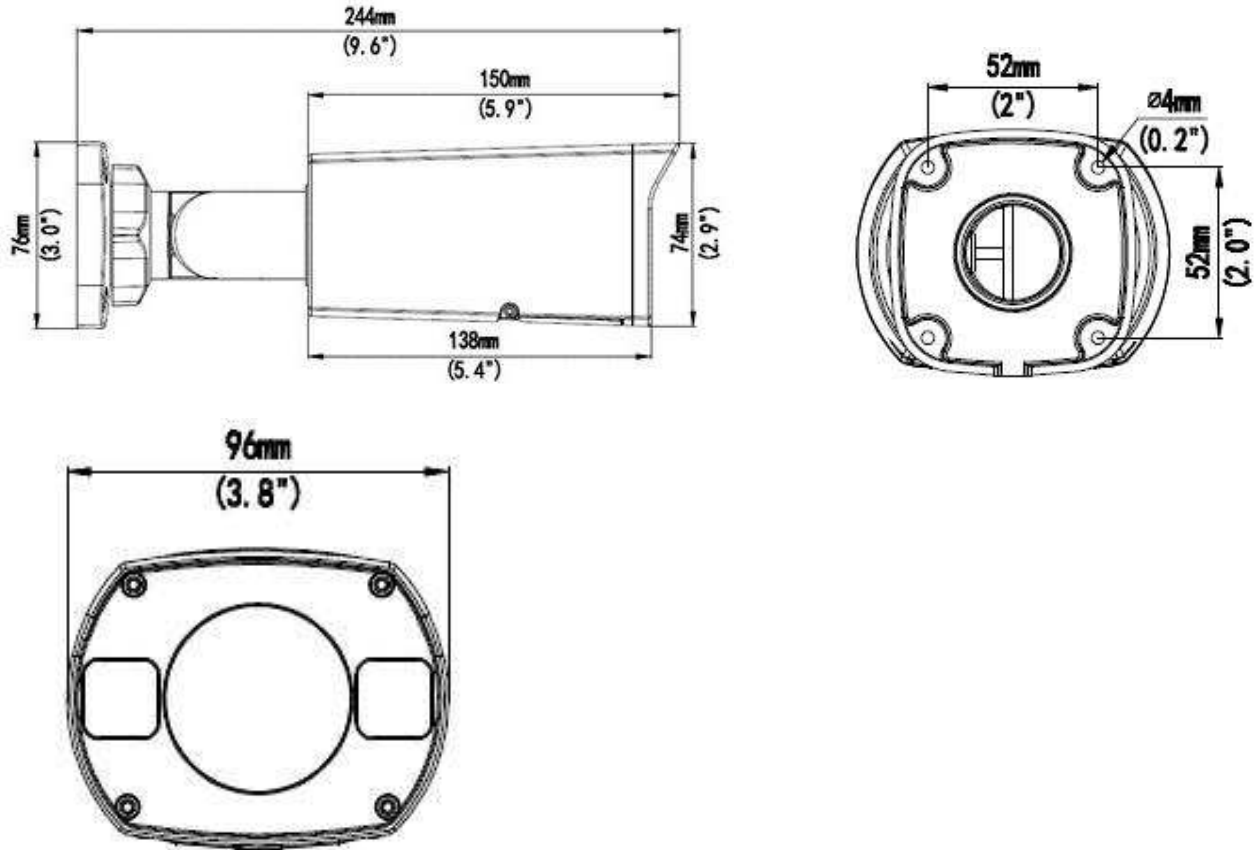
Focus Change



Camera Shift



Dimensions



Specifications

Camera

Image Sensor	1/2.9" progressive scan low lux CMOS	
Picture Elements	1920 (H) x 1080 (V)	
Minimum Illumination	Color	0.002 Lux
	IR ON	0 Lux
Shutter Speed	Auto / Manual (1/6 ~ 1/100000 sec)	
White Balance	Auto / Manual	
Gain Control	Auto / Manual	
S/N Ratio	52 dB	
WDR Pro	Yes	
Dynamic Range	Up to 120 dB	

Lens

Megapixel	Yes	
Day / Night	Yes (with removable IR-cut filter)	
Lens Type	Varifocal lens	
Focal Length	2.8 ~ 12 mm	
Maximum Aperture	F/1.4	
Mount	$\varnothing 14$ mm	
Horizontal FOV	92° ~ 34°	
Operation	Focus	Manual (with lock)
	Zoom	Manual (with lock)
	Iris	Fixed
IR LED Quantity	3 IR LED	
Max. IR Distance	50 m (164 ft)	

Operation		
Video Compression	H.265, H.264, MJPEG	
Video Streaming	Triple streams	
Video Resolution	Main Stream	1920 x 1080 (Default)
	Sub Stream	1280 x 720, 720 x 576 (Default), 704 x 288, 352 x 288
	Third Stream (Closed by Default)	720 x 576, 704 x 288, 352 x 288
Frame Rate	30 fps at 1920 x 1080 (60 / 50 Hz) * The frame rate and performance may vary depending on the number of connections and data bitrates (different scenes).	
Image Setting	Brightness, Contrast, Saturation, Sharpness, 3D Noise reduction, Image Orientation, Exposure Mode, Shutter Speed, Gain Control, Slow Shutter, Backlight Compensation (BLC), Metering Control, D/N Sensitivity, WDR, Smart Illumination, White Balance, Defog	
Video Analytics	Motion Detection, Tampering Alarm	
Audio Compression	G.711	
Audio Support	Two-way Audio	
Sensor Input	1 Input	
Alarm Output	1 Digital Output	
Network		
Interface	10/100 Ethernet	
Protocol	ARP, DHCP, DNS, DDNS, DynDNS, FTP, HTTP, HTTPS, IPv4, IPv6, ICMP, IGMP, L2TP, NTP, PPPoE, RTP, RTSP, RTCP, SMTP, SIP, TCP/IP, UDP, UPnP, 802.1x, ONVIF (Profile S)	
Mechanical		
Connectors	Power	DC Jack (DC 12V, 1A), PoE (IEEE802.3af)
	Ethernet	RJ-45 connector
	Audio	1 in (Audio In Wire); 1 out (Audio Out Wire) *The Audio In port only support microphones with power supply.
	Digital I/O	4-pin terminal block pitch 3.5 mm (0.14")
	Local Storage	Micro SD card slot (SD / SDHC / SDXC / UHS-I, Class 10) *UHS-II card type is not supported.
General		
Operating Temperature	-35°C ~ 60°C (-22°F ~ 140°F)	
Humidity	0% to 95% (no condensation)	
Power Source	12 V DC / PoE (IEEE802.3af)	
Max. Power Consumption	9 W	
Dimensions	253.4 × 86 × 71.1 mm (9.98" × 3.4" × 2.8")	
Weight	0.58 kg (1.28 lb)	
Ingress Protection	IP67	
Vandal Resistance	IK10	
Regulatory	FCC, UL, 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, Defog, Tampering Alarm, Text Overlay, Image Masking	
Language	Czech, English, French, German, Hungarian, Italian, Japanese, Polish, Portuguese, Russian, Spanish	
Applications		
Software Supported	GV-DVR / NVR (V8.7.4.0), GV-VMS (V17.1), GV-Control Center (V3.5.0.0), GV-Edge Recording Manager (V1.3.0.0), GV-Recording Server / Video Gateway (V1.4.0.0), GV-Redundant / Failover Server (V1.1.0.0)	
Smart Device Access	GV-Eye for iOS and Android	
Live Viewing	Browser (IE, Firefox, Safari), Mobile App	



Note:

1. It is required to apply patch files to all the supported software.
2. Do not use clothes or any ordinary material to clean the camera cover since they may result in scratches.
3. Specifications are subject to change without notice.

Packing List

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

Accessories

Model No.	Name		Details
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-PA191	Power over Ethernet (PoE) Adapter		The 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			The 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.