GV-EBL4702 Series   4MP H.265 Super Low Lux WDR Pro IR Bullet IP Camera

- 1/3" progressive scan super low lux CMOS
- Min. illumination at 0.02 lux
- Dual streams from H.265, H.264, and MJPEG
- Up to 20 fps at 2592 x 1520, 25 fps at 2560 x 1440, 30 fps at 2048 x 1520
- Vandal resistance (IK10 for metal casing)
- Ingress protection (IP67)
- Day/Night function (with removable IR-cut filter)
- Intelligent IR
- IR distance up to 30 m (98.4 ft)
- Built-in micro SD card slot (SD/SDHC/SDXC/UHS-I) for local storage
- DC 12V / PoE (IEEE 802.3af)
- Wide Dynamic Range Pro (WDR Pro)
- Smart streaming
- Defog
- Text overlay
- Tampering alarm
- 3D noise reduction
- IP address filtering
- Recording assigned by GV-Edge Recording Manager (Windows & Mac)
- Supports iPhone, iPad, Android & 3GPP
- 31 languages on Web interface
- ONVIF (Profile S) conformant

* No Memory Card Slot & local storage function for Argentina.

* Smart streaming requires either GV-DVR / NVR V8.7.0 or GV-VMS V16.10.3.

Introduction

The Target Bullet Camera is a lightweight camera designed for outdoor environments. It adheres to the IP67 standard and has full protection against dust and jets of water. The camera can support H.265 video codec to achieve better compression ratio while maintaining high quality pictures at reduced network bandwidths. The camera is capable of providing a color live view not only in near darkness but also under contrasting light intensities with its super low lux CMOS image sensor and WDR pro.

Models

Model	Iris	Focal Length (mm)	Maximum Aperture	Image Format
GV-EBL4702-1F		6	F/2.0	
GV-EBL4702-2F	Fixed	3.8	F/1.8	1/2.7''
GV-EBL4702-3F		2.8	F/2.0	

Active Tampering Alarm

Tampered	Focus Change	Camera Shift

Overview

Dimensions
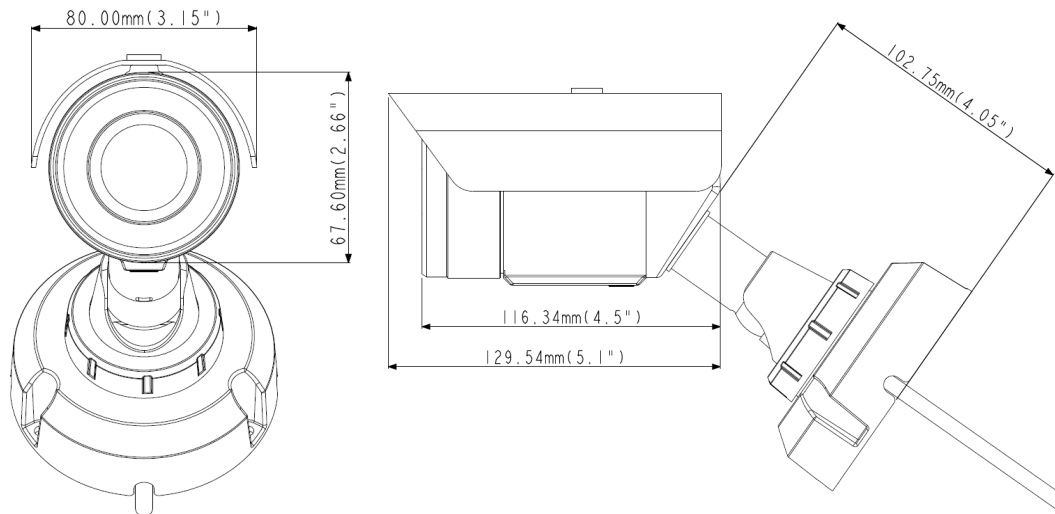
Specifications

Camera		GV-EBL4702-1F	GV-EBL4702-2F	GV-EBL4702-3F
Image Sensor		1/3" progressive scan super low lux CMOS		
Picture Elements		2592 (H) x 1520 (V)		
Minimum Illumination	Color	0.03 Lux		
	B/W	0.02 Lux		
	IR ON	0 Lux		
Shutter Speed		Automatic, manual (1/5 ~ 1/16000 sec)		
White Balance		Automatic, manual (2800K ~ 8500K)		
Gain Control		Automatic		
S/N Ratio		50 dB		
WDR		WDR Pro		
Dynamic Range		Up to 120 dB		
Lens				
Megapixel		Yes		
Day/Night		Yes (with removable IR-cut filter)		
Lens Type		Fixed		
Focal Length		6 mm	3.8 mm	2.8 mm
Maximum Aperture		F/2.0	F/1.8	F/2.0
Mount		Ø12 mm		
Horizontal FOV		51°	72°	96°
Image Format		1/2.7"		
Operation	Focus	Fixed		
	Zoom	Fixed		
	Iris	Fixed		
IR LED Quantity		6 IR LEDs		
Max. IR Distance		30 m (98.4 ft)		
Operation				
Video Compression		H.265, H.264, MJPEG		
Video Stream		Stream 1 from H.265 or H.264 Stream 2 from H.265, H.264 or MJPEG		
Frame Rate		50 Hz: 20 fps at 2592 x 1520, 25 fps at 2560 x 1440, 25 fps at 2048 x 1520 60 Hz: 20 fps at 2592 x 1520, 24 fps at 2560 x 1440, 30 fps at 2048 x 1520 *The frame rate and the performance may vary depending on the number of connections and data bitrates (different scenes).		
Image Setting		Brightness, Contrast, Saturation, Sharpness, Gamma, White Balance, Flicker-less, Image Orientation, Shutter Speed, D/N Sensitivity, Backlight Compensation, WDR, Defog, Low Lux Enhancement, Denoise and Metering		
Audio Support		N/A		

Video Resolution			
Main Stream	4 : 3	2048 x 1520, 1600 x 1200, 1280 x 960, 640 x 480	
	16 : 9	2592 x 1520, 2560 x 1440 (Default), 2304 x 1296, 1920 x 1080, 1280 x 720, 640 x 360	
	5 : 4	1280 x 1024, 640 x 512	
Sub Stream	4 : 3	1024 x 768, 640 x 480, 320 x 240	
	16 : 9	1280 x 720, 640 x 360 (Default), 448 x 256	
	5 : 4	1280 x 1024, 640 x 512, 320 x 256	
Network			
Interface		10/100 Ethernet	
Protocol		DHCP, DynDNS, FTP, HTTP, HTTPS, NTP, ONVIF (Profile S), QoS (DSCP), RTSP, SNMP, SMTP, TCP, UDP, UPnP, 3GPP/ISMA	
Mechanical			
Temperature Detector		Yes	
Camera Angle Adjustment	Pan	0° ~ 360°	
	Tilt	90° ~ 180°	
Connectors	Power	2-pin terminal block (DC 12V, 1.25A), PoE	
	Ethernet	Ethernet (10/100 Base-T), RJ-45 cable	
	Local Storage	Micro SD card slot (SD/SDHC/SDXC/UHS-I, Class 10) *UHS-II card type is not supported.	
General			
Environment Temperature	Start-up	-20°C ~ 50°C (-4°F ~ 122°F)	
	Operation	-30°C ~ 50°C (-22°F ~ 122°F)	
Humidity		10% to 90% (no condensation)	
Power Source		12V DC / PoE (IEEE 802.3af)	
Max. Power Consumption		9.12 W	
Dimensions		129.54 x 80 x 102.75 mm (5.1" x 3.15" x 4.05")	
Weight		825 g (1.81 lb)	
Ingress Protection		IP67	
Vandal Resistance		IK10 for metal casing	
Regulatory		CE, FCC, RCM, LVD, RoHS compliant	
Power over Ethernet			
PoE Standard		PoE (IEEE 802.3af Power over Ethernet / PSE)	
PoE Power Supply Type		End-span, Mid-span	
PoE Power Output		Per Port 48V DC, 350mA, Max. 15.4 watts	
Web Interface			
Installation Management		Web-based configuration	
Maintenance		Firmware upgrade through Web Browser or Utility	
Access from Web Browser		Camera Live View, Video Recording, Change Video Quality, Bandwidth Control, Image Snapshot, Picture in Picture, Picture and Picture, Privacy Mask, Tampering Alarm, Text Overlay, Digital PTZ	
Language		Arabic / Bulgarian / Czech / Danish / Dutch / English / Finnish / French / German / Greek / Hebrew / Hungarian / Indonesian / Italian /Japanese / Lithuanian / Norwegian / Persian / Polish / Portuguese / Romanian / Russian / Serbian / Simplified Chinese / Slovakian / Slovenian / Spanish / Swedish / Thai / Traditional Chinese / Turkish	
Application			
Software Supported		GV-DVR / NVR (V8.7.3.0), GV-VMS (V16.10.3.0), GV-Edge Recording Manager (V1.2.0.0), GV-Center V2 (V16.10), GV-Recording Server (V1.3.0.0), GV-Redundant / Failover Server (V1.1.0.0)	
Smart Device Access		GV-Eye for iOS and Android	
Remote Live Viewing		Browser (IE, Chrome, Firefox, Safari), Mobile App	
CMS Server support		GV-Control Center, GV-Center V2, GV-Vital Sign Monitor	

Note:
1. It's required to apply patch files to all the supported software mentioned above.
2. The signal range and data throughput may vary depending on the network conditions and environmental factors.
3. Specifications are subject to change without notice.

Packing List

1.	H.265 Bullet Camera	8.	Terminal Block
2.	Sun-Shield Cover	9.	Screw for Mounting Kit x 3
3.	Screw for Sun-Shield Cover x 2	10.	Nut for Mounting Kit x 3
4.	Screw for Supporting Rack x 3	11.	Hex Wrench
5.	Screw Anchor x 3	12.	Download Guide
6.	Silica Gel bag x 2	13.	Warranty Card
7.	Washer x 2		

Note: The power adapter can be purchased upon request.

Accessories

Model No.	Name		Details
GV-Mount300	Convex Corner Adapter Kit		Dimensions: 238.6 x 409.5 mm (9.4" x 16.1") Weight: 4.27 kg (9.41 lb)
GV-Mount310	Concave Corner Adapter Kit		Dimensions: 123.3 x 393.1 mm (4.9" x 15.5") Weight: 2.96 kg (6.53 lb)
GV-Mount400	Pole Mount Bracket Kit (Ø 4" ~ 6")		Bracket: 241 x 161 mm (9.5'' x 6.3") Weight: 1.70 kg (3.75 lb) Steel Strap Diameter: Ø 4" ~ 6"
GV-Mount410	Pole Mount Bracket Kit (Ø 6" ~ 7.5")		Bracket: 241 x 161 mm (9.5'' x 6.3") Weight: 1.70 kg (3.75 lb) Steel Strap Diameter: Ø 6" ~ 7.5"
GV-PA191	PoE Adapter		Dimensions (H x W x D): 43 x 69 x 40 mm (1.69" x 2.72" x 1.57") Weight: 130 g (0.29 lb)
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.