

GV-EBL5101 5MP H.264 Low Lux WDR IR Bullet IP Camera



- 1/3.2" progressive scan low lux CMOS
- Dual streams from H.264 and MJPEG
- Up to 30 fps at 2592 x 1944
- Intelligent IR
- Day and Night function (with removable IR-cut filter)
- Megapixel lens
- P-iris lens for auto iris control
- Vandal resistance (IK10 for metal casing)
- Ingress protection (IP67)
- DC 12V / PoE (IEEE 802.3af)
- Wide Dynamic Range (WDR)
- 3D noise reduction
- Defog
- Motion detection
- Tampering alarm
- Text overlay
- Privacy mask
- 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
- More storage option - [NAS](#)

Introduction

The Target Bullet Camera is a light-weighted cameras designed for outdoor environments. It adheres to the IP67 standard and has full protection against dust and jets of water. The camera also allows automatic and precise control of exposure using its P-iris, producing images with better clarity and contrast. The camera offers an entry-level surveillance solution with all the essential features and excellent image quality.

Active Tampering Alarm

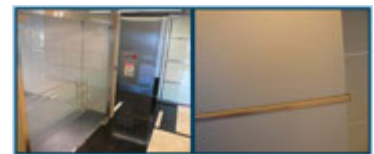
Tampered



Focus Change

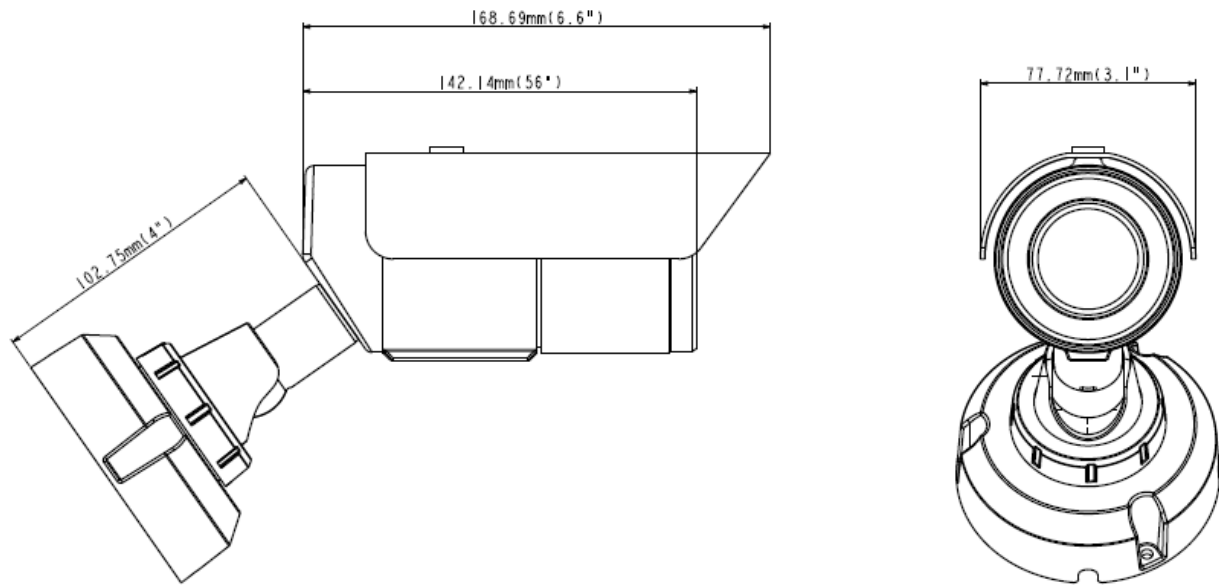


Camera Shift



Overview

Dimensions



Specifications

PC Requirements

CPU	Intel Core i5-4670 3.40 GHz
Memory	DDR3 4 GB RAM
On-board Graphics	Intel HD Graphics 4600 (Versions of driver from year 2014 or later required)

Camera

Image Sensor	1/3.2" progressive scan low lux CMOS	
Picture Elements	2592 (H) x 1944 (V)	
Minimum Illumination	Color	0.12 Lux
	B/W	0.10 Lux
	IR ON	0 Lux
Shutter Speed	Automatic, manual (1/5 ~ 1/8000 sec.)	
White Balance	Automatic, manual (2800K ~ 8500K)	
Gain Control	Automatic	
S/N Ratio	46 dB	
WDR	Yes	
Dynamic Range	Up to 72 dB	

Lens

Megapixel	Yes	
Day/Night	Yes (with removable IR-cut filter)	
Lens Type	Varifocal	
Focal Length	2.8 ~ 12 mm	
Maximum Aperture	F/1.7	
Mount	Ø14 mm	
Horizontal FOV	90° ~ 48°	
Image Format	1/2.7"	
Operation	Focus	Manual (w/lock)
	Zoom	Manual (w/lock)
	Iris	P-Iris
IR LED Quantity	24 IR LEDs	
Max. IR Distance	30 m (98.42 ft)	

Operation

Video Compression	H.264, MJPEG
Video Stream	Dual streams from H.264 and MJPEG
Frame Rate	30 fps at 2592 x 1944 (60/50 Hz) *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, Denoise, Low Lux Enhancement, Noise Reduction	
Audio Support	N/A	
Video Resolution		
Main Stream	4 : 3	2592 x 1944 (Default), 2048 x 1536, 1600 x 1200, 1280 x 960, 640 x 480, 320 x 240
	16 : 9	1920 x 1080, 1280 x 720, 640 x 360, 448 x 252
	5 : 4	1280 x 1024, 640 x 512, 320 x 256
Sub Stream	4 : 3	960 x 720 (Default), 640 x 480, 320 x 240
	16 : 9	640 x 360, 448 x 252
	5 : 4	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, PoE
	Ethernet	Ethernet (10/100 Base-T), RJ-45 cable
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	9.5 W	
Dimensions	142.14 x 77.72 x 102.75 mm (5.6" x 3.06" x 4.05")	
Weight	810 g (1.79 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 / PD)	
PoE Power Supply Type	End-span and 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 (V8.7.1.0), GV-VMS (V16.10.3.0), GV-Control Center (V3.4.0.0), GV-Edge Recording Manager (V1.2.0.0), GV-Center V2 (V16.10), GV-Recording Server / Video Gateway (V1.3.0.0), GV-Redundant / Failover Server (V1.1.0.0)	
Smart Device Access	GV-Eye for iOS and Android	
Live Viewing	Browser (IE, Chrome, Firefox, Safari), Mobile App	
CMS Server support	GV-Control Center, GV-Center V2, GV-Vital Sign Monitor	

Note:

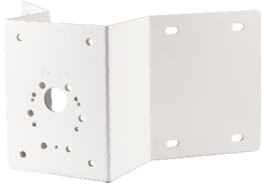




- It's required to apply patch files to all the supported software mentioned above.
- The signal range and data throughput may vary depending on the network conditions and environmental factors.
- When the resolution is set at 2592 x 1944:
 - If the camera is switched to single stream (while stream 2 is deselected) and Noise Reduction is disabled, the frame rate can reach up to 30 FPS.
 - If the camera is switched to dual streams and Noise Reduction is disabled, the frame rate can reach up to 25 FPS.
 - As long as Noise Reduction is enabled, whether the camera is switched to single stream of dual streams, the frame rate will be 15 FPS.
- Specifications are subject to change without notice.

Packing List

- | | |
|-----------------------------------|--------------------------------|
| 1. Target Bullet Camera | 9. Terminal Block |
| 2. Sun-shield Cover | 10. Screw for Mounting Kit x 3 |
| 3. Screw for Sun-shield Cover x 2 | 11. Nut for Mounting Kit x 3 |
| 4. Screw for Supporting Rack x 3 | 12. Hex Key |
| 5. Screw Anchor x 3 | 13. GV-IPCAM Software DVD |
| 6. Silica Gel Bag x 2 | 14. GV-Software DVD |
| 7. Washer x 2 | 15. Warranty Card |
| 8. RJ45 Connector | |

Note: The power adapter can be purchased upon request.

Accessories

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)
Power Adapter	Contact your sales representative for the countries and areas supported.
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.