

## GV-EBL2100 Series 2MP H.264 Low Lux WDR IR Bullet IP Camera



- 1/2.8" progressive scan low lux CMOS
- Dual streams from H.264 and MJPEG
- Up to 25 fps at 1920 x 1080
- Intelligent IR
- Day and Night function (with removable IR-cut filter)
- Wide Dynamic Range (WDR)
- Defog
- Vandal resistance (IK10 for metal casing)
- Ingress protection (IP67)
- Motion detection
- Tampering alarm
- Text overlay
- Privacy mask
- IP address filtering
- DC 12V / PoE (IEEE 802.3af)
- Megapixel lens
- [NAS Recording](#)
- Recording assigned by GV-Edge Recording Manager ([Windows](#) & [Mac](#))
- Supports iPhone, iPad, Android & 3GPP
- 31 languages on Web interface
- ONVIF (Profile S) conformant

\* For optimal performance and compatibility, it is highly recommended to use a [GV-NAS System](#).

### 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 offers an entry-level surveillance solution with all the essential features and excellent image quality.

### Models

Model	Iris	Focal Length (mm)	Maximum Aperture	Image Format
GV-EBL2100-1F	Fixed	6	F/1.8	1/2.7"
GV-EBL2100-2F	Fixed	3.8	F/1.8	1/2.7"

### Active Tampering Alarm

Tampered



Focus Change

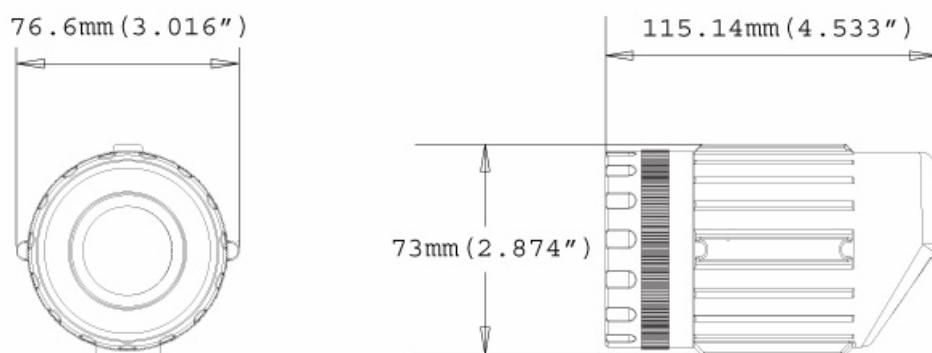


Camera Shift



## Overview

### Dimensions



### Panel



### Specifications

Camera	GV-EBL2100-1F	GV-EBL2100-2F
Image Sensor	1/2.8" progressive scan low lux CMOS	
Picture Elements	1920 (H) x 1080 (V)	
Minimum Illumination	Color 0.07 Lux B/W 0.04 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	48 dB	
WDR	Yes	
Dynamic Range	Up to 72 dB	
Lens		
Megapixel	Yes	
Day/Night	Yes (with removable IR-cut filter)	
Lens Type	Fixed	
Focal Length	6 mm	3.8 mm
Maximum Aperture	F/1.8	
Mount	M12, Pitch 0.5 mm	
Horizontal FOV	51°	72°
Image Format	1/2.7"	
Operation	Focus Fixed Zoom Fixed Iris Fixed	
IR LED Quantity	24 IR LEDs	

Max. IR Distance		30 m (98.4 ft)
<b>Operation</b>		
Video Compression		H.264, MJPEG
Video Stream		Dual streams from H.264 and MJPEG
Frame Rate		25 fps at 1920 x 1080 *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
Audio Support		No
<b>Video Resolution</b>		
Main Stream	4 : 3	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	640 x 480, 320 x 240
	16 : 9	640 x 360, 448 x 252
	5 : 4	640 x 512, 320 x 256
<b>Network</b>		
Interface		10/100 Ethernet
Protocol		DHCP, DynDNS, FTP, HTTP, HTTPS, NTP, ONVIF (Profile S), QoS (DSCP), RTSP, SNMP, SMTP, TCP, UDP, UPnP, 3GPP/ISMA
<b>Mechanical</b>		
Connectors	Power	2-pin terminal block, PoE
	Ethernet	Ethernet (10/100 Base-T), RJ-45 cable
<b>General</b>		
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		7.8 W
Dimensions		115 x 76 x 73 mm (4.5" x 3.0" x 2.9")
Weight		547 g (1.20 lb)
Ingress Protection		IP67
Vandal Resistance		IK10 for metal casing
Regulatory		CE, FCC, RCM, RoHS compliant
<b>Power over Ethernet</b>		
PoE Standard		PoE (IEEE 802.3af Power over Ethernet / PD)
PoE Power Supply Type		End-Span
PoE Power Output		Per Port 48V DC, 350mA. Max. 15.4 watts
<b>Web Interface</b>		
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
<b>Application</b>		
Network Storage		GV-NVR, GV-System, GV-Recording Server
Smart Device Access		GV-Eye for Android smartphone, tablet, iPhone and iPod Touch GV-Eye HD for iPad
Live Viewing		IE, mobile phone
CMS Server support		GV-Control Center, GV-Center V2, GV-VSM

**Note:**

1. The signal range and data throughput may vary depending on the network conditions and environmental factors.
2. Specifications are subject to change without notice.

## Packing List

1. Target Bullet Camera
2. Sun-Shield Cover
3. Silica Gel Tape x 2
4. Supporting Rack
5. Screw x 4
6. Screw anchor x 3
7. GV-IPCAM H.264 Quick Start Guide
8. GV-IPCAM H.264 Software DVD
9. GV-NVR Quick Start Guide
10. GV-NVR Software DVD

**Note:** The power adapter can be purchased upon request.

## Accessories

Name	Details
	Weight: 130 g (0.29 lb) Dimensions (H x W x D): 43 x 69 x 40 mm (1.69" x 2.72" x 1.57")
GV-PA191 PoE Adapter	
Power Adapter	Power adapters are available in 4 regions: U.S.A., Australia, U.K and Europe.
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.