

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

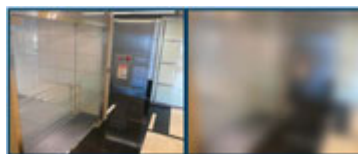
Model	Iris	Focal Length (mm)	Maximum Aperture	Image Format
GV-EBL2100-1F	Fixed	6	F/1.8	1/2.7"
GV-EBL2100-2F	Fixed	3.8	F/1.8	1/2.7"

Active Tampering Alarm

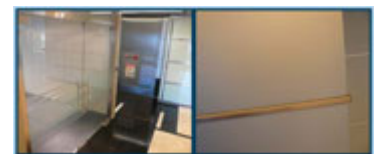
Tampered



Focus Change

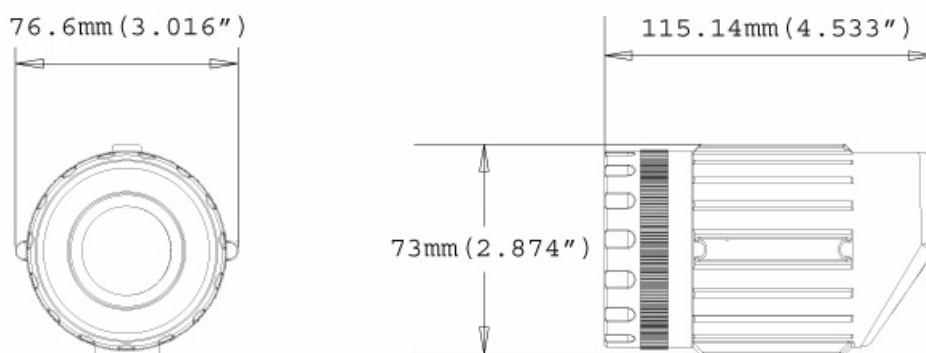


Camera Shift



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)
Operation		
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
Video Resolution		
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
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		
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		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
Power over Ethernet		
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
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		
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 | 7. GV-IPCAM H.264 Quick Start Guide |
| 2. Sun-Shield Cover | 8. GV-IPCAM H.264 Software DVD |
| 3. Silica Gel Tape x 2 | 9. GV-NVR Quick Start Guide |
| 4. Supporting Rack | 10. GV-NVR Software DVD |
| 5. Screw x 4 | |
| 6. Screw anchor x 3 | |

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.