

## GV-EBX2100 Series 2MP H.264 Low Lux WDR IR Box 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)
- Built-in microphone
- Wide Dynamic Range (WDR)
- Defog
- Motion detection
- Tampering alarm
- Text overlay
- Privacy mask
- IP address filtering
- DC 12V / PoE (IEEE 802.3af)
- Megapixel lens
- 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 Box Camera is a series of light-weighted cameras designed for indoor usage. Equipped with IR-cut filter and built-in IR LEDs, the camera is an entry-level surveillance solution with all the essential features and excellent image quality. The camera supports PoE and can be installed intuitively.

### Models

Model	Iris	Focal Length (mm)	Maximum Aperture	Image Format
GV-EBX2100-0F	Fixed	2.8	F/2.0	1/2.7"
GV-EBX2100-2F	Fixed	3.8	F/1.8	1/2.7"

### Active Tampering Alarm

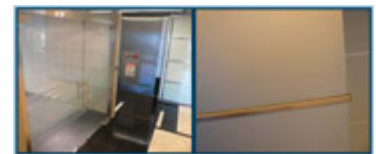
Tampered



Focus Change



Camera Shift

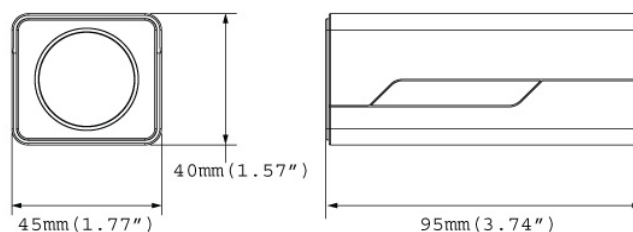


### Overview

#### Panel



#### Dimensions



## Specifications

Camera		GV-EBX2100-0F	GV-EBX2100-2F
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	
<b>Lens</b>			
Megapixel		Yes	
Day/Night		Yes (with removable IR-cut filter)	
Lens Type		Fixed	
Focal Length		2.8 mm	3.8 mm
Maximum Aperture		F/2.0	F/1.8
Mount		M12, Pitch 0.5 mm	
Horizontal FOV		99°	72°
Image Format		1/2.7"	
Operation	Focus	Fixed	
	Zoom	Fixed	
	Iris	Fixed	
IR LED Quantity		8 IR LEDs	
Max. IR Distance		15 m (50 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 Compression		G.711, AAC (Optional)	
Audio Support		One-way audio	
<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	
	Audio	1 In (built-in microphone)	
LED Indicator		2 LEDs: Power, Status	
<b>General</b>			
Environment Temperature		0°C ~ 50°C (32°F ~ 122°F)	
Humidity		10% to 90% (no condensation)	
Power Source		12V DC / PoE (IEEE 802.3af)	
Max. Power Consumption		5.36 W	
Dimensions		95 x 45 x 40 mm (3.7 x 1.8 x 1.6")	
Weight		120 g (0.26 lb)	

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, Audio, 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-System (GV-DVR/NVR), GV-Recording Server, GV-VMS
Smart Device Access	GV-Eye for iOS and Android
Live Viewing	IE, Mobile App
CMS Server support	GV-Control Center, GV-Center V2, GV-Vital Sign Monitor

**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 Box Camera | 5. GV-IPCAM H.264 Software CD |
| 2. Supporting Rack   | 6. GV-NVR Software DVD        |
| 3. Screw x 3         | 7. Warranty Card              |
| 4. Screw anchor x 3  |                               |

**Note:** Power adapters can be purchased upon request.

**Accessories**

Name	Details
 <p>GV-PA191 PoE Adapter</p>	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")
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.