

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		3.8	F/1.8	

Active Tampering Alarm

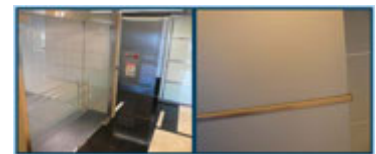
Tampered



Focus Change



Camera Shift

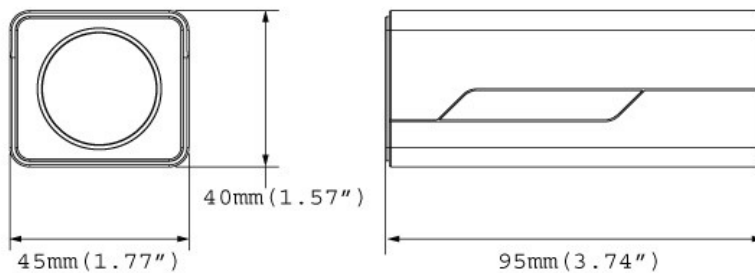


Overview

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	
Lens		
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)	
Operation		
Video Compression	H.264, MJPEG	
Video Stream	Dual streams from H.264 and MJPEG	
Frame Rate	25 fps at 1920 x 1080 (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	

Audio Compression	G.711, AAC (Optional)	
Audio Support	One-way audio	
Video Resolution		
Main Stream	4 : 3	1280 x 960, 640 x 480, 320 x 240
	16 : 9	1920 x 1080 (Default), 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 (Default)
	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, IPv4, IPv6	
Mechanical		
Connectors	Power	2-pin terminal block (DC 12V, 1.25A), PoE
	Ethernet	Ethernet (10/100 Base-T), RJ-45 cable
	Audio	1 In (built-in microphone)
LED Indicator	2 LEDs: Power, Status	
General		
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	
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, Audio, Picture in 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-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 | 4. Screw anchor x 3 |
| 2. Supporting Rack | 5. Download Guide |
| 3. Screw x 3 | 6. Warranty Card |

Note: Power adapters can be purchased upon request.

Accessories

Model No.	Name	Details
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.	