GV-EBX1100 Series   1.3MP H.264 Low Lux WDR IR Box IP Camera

- 1/3'' progressive scan low lux CMOS
- Dual streams from H.264 and MJPEG
- Up to 30 fps at 1280 x 1024
- 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
- 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 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-EBX1100-0F (Coming)	Fixed	2.8	F/2.0	1/2.7''
GV-EBX1100-2F	Fixed	3.8	F/1.8	1/2.7''

Active Tampering Alarm

Tampered	Focus Change	Camera Shift

Overview

Panel

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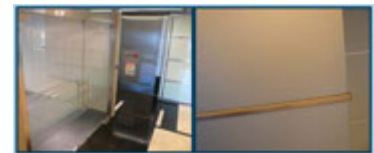
Dimensions
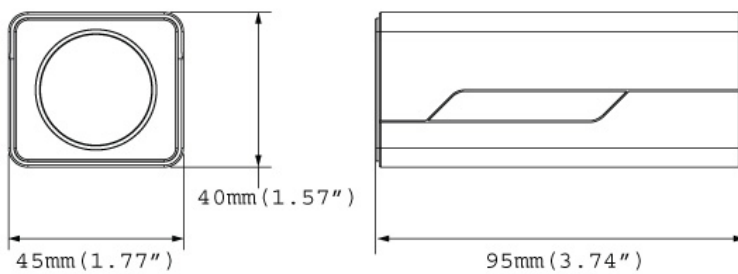
Specifications

Camera		GV-EBX1100-0F (Coming)	GV-EBX1100-2F
Image Sensor		1/3" progressive scan low lux CMOS	
Picture Elements		1280 (H) x 1024 (V)	
Minimum Illumination	Color	0.05 Lux	
	B/W	0.03 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		50 dB	
WDR		Yes	
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		93°	64°
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		30 fps at 1280 x 1024 *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

	4 : 3	1280 x 960, 640 x 480, 320 x 240
Main Stream	16 : 9	1280 x 720, 640 x 360, 448 x 252
	5 : 4	1280 x 1024, 640 x 512, 320 x 256
	4 : 3	640 x 480, 320 x 240
Sub Stream	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

	Power	2-pin terminal block, PoE
Connectors	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, C-Tick, 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, 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 Box Camera	5.	GV-IPCAM H.264 Quick Start Guide
2.	Supporting Rack	6.	GV-IPCAM H.264 Software DVD
3.	Screw x 3	7.	GV-NVR Quick Start Guide
4.	Screw anchor x 3	8.	GV-NVR Software DVD

Note: Power adapters can be purchased upon request.

Accessories

Name	Details
  GV-PA191 PoE Adapter	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") - 4 -
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.