

## GV-BX1300 Series 1.3MP H.264 WDR D/N Box IP Camera

GV-BX1300-0F / 1F / 2F



GV-BX1300-3V



- 1.3 megapixel progressive scan CMOS
- Dual streams from H.264 and MJPEG
- Up to 30 fps at 1280 x 1024
- Built-in / external microphone
- 2-way audio
- One sensor input and alarm output
- TV-out support
- Memory Card Slot
- Mini USB slot for WiFi Adapter (Optional)
- Wide Dynamic Range (WDR)
- Defog
- Motion detection
- Tampering alarm
- Privacy mask
- IP address filtering
- DC 12V / PoE
- Removable IR-cut filter for Day/Night function
- Varifocal megapixel lens
- Supports iPhone, iPad, Android & 3GPP
- 31 languages on Web interface
- ONVIF conformant

\* No Memory card slot & local storage function for Argentina.

### Models

Models	Iris	Focal Length (mm)	Maximum Aperture	Image Format
BX1300-0F		4 mm	F/1.5	1/3"
BX1300-1F	Fixed	8 mm	F/1.6	1/2.5"
BX1300-2F		12 mm		
BX1300-3V	DC drive	2.8 ~ 12 mm	F/1.5	1/3"

### Active Tampering Alarm

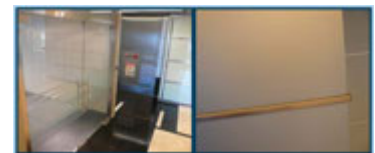
Tampered



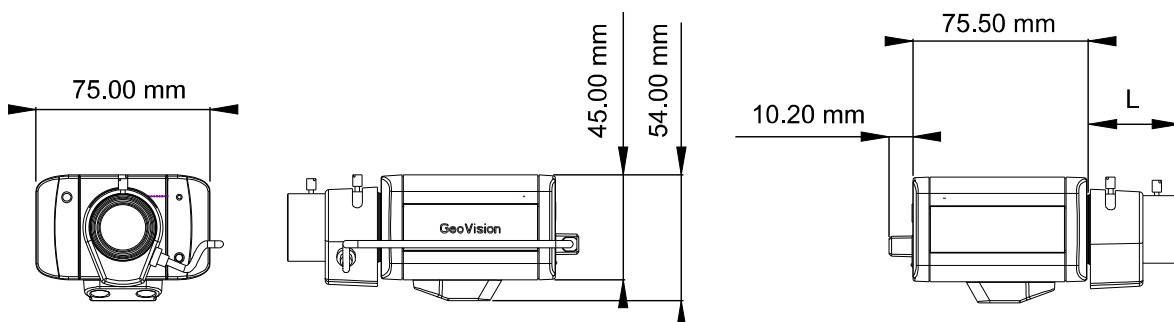
Focus Change



Camera Shift



### Dimensions



## Specifications

Camera		GV-BX1300-0F	GV-BX1300-1F	GV-BX1300-2F	GV-BX1300-3V
Image Sensor		1/2.5" progressive scan CMOS			
Picture Elements		1280 (H) x 1024 (V)			
Minimum Illumination	Color	0.15 Lux at F/1.4			
	B/W	0.10 Lux at F/1.4			
	IR ON	0 Lux			
Shutter Speed		Automatic, Manual (1/5 ~ 1/8000 sec)			
White Balance		Automatic, Manual (2800 ~ 8500K)			
Gain Control		Automatic			
S/N Ratio		45 dB			
BLC		Yes			
<b>Lens</b>					
Megapixel		Yes			
Day/Night		Yes (with removable IR-cut filter)			
Lens Type		Fixed			Varifocal
Focal Length		4 mm	8 mm	12 mm	2.8 ~ 12 mm
Maximum Aperture		F/1.5	F/1.6	F/1.5	
Mount		CS Mount			
Image Format		1/3"	1/2.5"	1/3"	
Operation	Focus	Manual			Manual (w/lock)
	Zoom	Fixed			Manual (w/lock)
	Iris	Fixed			DC drive
Torque (Focus/Zoom screws)		0.049 N.m			
<b>Operation</b>					
Video Compression		H.264, MPEG4			
Video Streaming		Dual streams from H.264 or MJPEG			
Frame Rate		30 fps at 1280 x 1024 * The frame rate and 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 (24 kHz / 16 bit) *AAC (24 kHz / 16 bit) is only supported by GV-System V8.5.6 or later.			
Two-way Audio		Yes			
Sensor Input		1 input (Dry Contact)			
Alarm Output		1 Digital Output (200mA 5V DC)			
<b>Video Resolution</b>					
Main Stream	4:3	1280 x 960, 640 x 480, 320 x 240			
	16:9	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		HTTP, HTTPS, TCP, UDP, SMTP, FTP, DHCP, NTP, UPnP, DynDNS, 3GPP/ISMA, RTSP, PSIA, SNMP, QoS (DSCP)			
Wireless LAN		IEEE 802.11 b/g/n			
Antenna Type		External			
Security		WEP, WPA-PSK(TKIP), WPA-PSK(AES), WPA2-PSK(TKIP), WPA2-PSK(AES)			

Mechanical		
Temperature Detector		Yes
	Power	2-pin terminal block, PoE
	Ethernet	RJ-45
	Audio	1 In (Using the built-in microphone or externally connecting a microphone) 1 Out (Stereo phone jack, 3.5 mm / 0.14 in)
Connectors	Digital I/O	3-pin terminal block, pitch 2.5 mm / 0.1 in
	Auto Iris	Yes
	Local Storage	Micro SD / SDHC / SDXC memory card slot (for Class 6 card or above)
	TV-Out	BNC connector (640 x 480 resolution)
	Mini USB	Yes (for GV-WiFi Adapter)
LED Indicator		2 LEDs: Power, Status

General	
Operating Temperature	0 °C ~ 50 °C / 32 °F ~ 122 °F
Humidity	10% to 90% (no condensation)
Power Source	12V DC / PoE
Max. Power Consumption	9.5W
Dimensions (L X W X H)	75.5 x 75 x 54 mm / 2.97 x 2.95 x 2.13 in (without lens)
Weight	300 g / 0.66 lb
Regulatory	CE, FCC, C-Tick, RoHS compliant

Power over Ethernet	
PoE Standard	IEEE 802.3af Class 3 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, digital I/O control, audio, Picture in Picture, Picture and Picture, Privacy Mask, Visual Automation, Tampering Alarm, Text Overlay
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



Applications	
Network Storage	GV-NVR, GV-System, GV-Backup Center, 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.

## Accessories

Name	Details
GV-IR LED T2	 <p>Weight: 140 g / 0.31 lbs Dimensions (H x W x D): 49 x 47 x 67 mm / 1.93 x 1.85 x 2.64 in</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 in</p>

Name	Details																
GV-Relay V2	 <p>The GV-Relay V2 is designed to expand the voltage load of GV IP devices. It provides 4 relay outputs, and each can be set as normally open (NO) or normally closed (NC) independently as per your requirement.</p>																
Power Adapter	<p>Power adapters are available in 4 regions: U.S.A., Australia, U.K and Europe.</p>																
GV-WiFi Adaptor	 <p>Weight: 20 g / 0.04 lb Dimensions (H x W x D): 15 x 15 x 155 (mm) / 0.59 x 0.59 x 6.10 (in) Supplied with mini USB to standard USB adapter.</p>																
Fixed Lens : 4 mm	 <table border="1" data-bbox="922 904 1525 1451"> <tr><td>Description</td><td>Megapixel day/ night lens</td></tr> <tr><td>Focal Length</td><td>4 mm</td></tr> <tr><td>Maximum Aperture</td><td>F/1.5</td></tr> <tr><td>Mount</td><td>CS Mount</td></tr> <tr><td>Image Format</td><td>1/3"</td></tr> <tr><td>Operation</td><td>Focus: Manual Zoom: Fixed Iris: Fixed</td></tr> <tr><td>Dimension</td><td>ø30 x 27 mm / ø1.18 x 1.06 in</td></tr> <tr><td>Weight</td><td>30 g / 0.07 lb</td></tr> </table>	Description	Megapixel day/ night lens	Focal Length	4 mm	Maximum Aperture	F/1.5	Mount	CS Mount	Image Format	1/3"	Operation	Focus: Manual Zoom: Fixed Iris: Fixed	Dimension	ø30 x 27 mm / ø1.18 x 1.06 in	Weight	30 g / 0.07 lb
Description	Megapixel day/ night lens																
Focal Length	4 mm																
Maximum Aperture	F/1.5																
Mount	CS Mount																
Image Format	1/3"																
Operation	Focus: Manual Zoom: Fixed Iris: Fixed																
Dimension	ø30 x 27 mm / ø1.18 x 1.06 in																
Weight	30 g / 0.07 lb																
Fixed Lens : 8 mm	 <table border="1" data-bbox="922 1469 1525 2016"> <tr><td>Description</td><td>Megapixel day/ night lens</td></tr> <tr><td>Focal Length</td><td>8 mm</td></tr> <tr><td>Maximum Aperture</td><td>F/1.6</td></tr> <tr><td>Mount</td><td>CS Mount</td></tr> <tr><td>Image Format</td><td>1/2.5"</td></tr> <tr><td>Operation</td><td>Focus: Manual Zoom: Fixed Iris: Fixed</td></tr> <tr><td>Dimension</td><td>ø 30 x 19.6 mm / ø 1.18 x 0.77 in</td></tr> <tr><td>Weight</td><td>27.7 g / 0.06 lb</td></tr> </table>	Description	Megapixel day/ night lens	Focal Length	8 mm	Maximum Aperture	F/1.6	Mount	CS Mount	Image Format	1/2.5"	Operation	Focus: Manual Zoom: Fixed Iris: Fixed	Dimension	ø 30 x 19.6 mm / ø 1.18 x 0.77 in	Weight	27.7 g / 0.06 lb
Description	Megapixel day/ night lens																
Focal Length	8 mm																
Maximum Aperture	F/1.6																
Mount	CS Mount																
Image Format	1/2.5"																
Operation	Focus: Manual Zoom: Fixed Iris: Fixed																
Dimension	ø 30 x 19.6 mm / ø 1.18 x 0.77 in																
Weight	27.7 g / 0.06 lb																

Name		Details																
<b>Fixed Lens : 12 mm</b>		<table border="1"> <tr><td>Description</td><td>Megapixel day/ night lens</td></tr> <tr><td>Focal Length</td><td>12 mm</td></tr> <tr><td>Maximum Aperture</td><td>F/1.6</td></tr> <tr><td>Mount</td><td>CS Mount</td></tr> <tr><td>Image Format</td><td>1/2.5"</td></tr> <tr><td>Operation</td><td>Focus: Manual Zoom: Fixed Iris: Fixed</td></tr> <tr><td>Dimension</td><td>ø 30 x 20.6 mm / ø 1.18 x 0.81 in</td></tr> <tr><td>Weight</td><td>28.6 g / 0.06 lb</td></tr> </table>	Description	Megapixel day/ night lens	Focal Length	12 mm	Maximum Aperture	F/1.6	Mount	CS Mount	Image Format	1/2.5"	Operation	Focus: Manual Zoom: Fixed Iris: Fixed	Dimension	ø 30 x 20.6 mm / ø 1.18 x 0.81 in	Weight	28.6 g / 0.06 lb
Description	Megapixel day/ night lens																	
Focal Length	12 mm																	
Maximum Aperture	F/1.6																	
Mount	CS Mount																	
Image Format	1/2.5"																	
Operation	Focus: Manual Zoom: Fixed Iris: Fixed																	
Dimension	ø 30 x 20.6 mm / ø 1.18 x 0.81 in																	
Weight	28.6 g / 0.06 lb																	
<b>Varifocal Lens : 2.8 ~ 12 mm</b>		<table border="1"> <tr><td>Description</td><td>Megapixel day/ night lens</td></tr> <tr><td>Focal Length</td><td>2.8 ~ 12 mm</td></tr> <tr><td>Maximum Aperture</td><td>F/1.4</td></tr> <tr><td>Mount</td><td>CS Mount</td></tr> <tr><td>Image Format</td><td>1/3"</td></tr> <tr><td>Operation</td><td>Focus: Manual (w/lock) Zoom: Manual (w/lock) Iris: DC Drive</td></tr> <tr><td>Dimension</td><td>ø 43 x 44 mm / ø 1.69 x 1.73 in</td></tr> <tr><td>Weight</td><td>72 g / 0.16 lb</td></tr> </table>	Description	Megapixel day/ night lens	Focal Length	2.8 ~ 12 mm	Maximum Aperture	F/1.4	Mount	CS Mount	Image Format	1/3"	Operation	Focus: Manual (w/lock) Zoom: Manual (w/lock) Iris: DC Drive	Dimension	ø 43 x 44 mm / ø 1.69 x 1.73 in	Weight	72 g / 0.16 lb
Description	Megapixel day/ night lens																	
Focal Length	2.8 ~ 12 mm																	
Maximum Aperture	F/1.4																	
Mount	CS Mount																	
Image Format	1/3"																	
Operation	Focus: Manual (w/lock) Zoom: Manual (w/lock) Iris: DC Drive																	
Dimension	ø 43 x 44 mm / ø 1.69 x 1.73 in																	
Weight	72 g / 0.16 lb																	