

## GV-BX1500 Series 1.3MP H.264 Super Low Lux WDR D/N Box IP Camera

GV-BX1500-0F / 1F / 2F



GV-BX1500-3V



- 1.3 megapixel progressive scan super low lux 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
- Built-in Micro SD (SDHC / SDXC) card slot for local storage
- Mini USB slot for WiFi Adapter or USB hard drive
- 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 (Profile S) conformant

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

### Introduction

The GV-BX1500 is a series of indoor IP cameras containing a varifocal model and several fixed focal models. The camera is equipped with a Super Low Lux CMOS image sensor which allows the live view to be seen at near darkness. The camera features a mini USB port which supports wireless connection through a GV-WiFi Adapter (optional) or external storage using a USB hard drive.

### Models

Models	Iris	Focal Length (mm)	Maximum Aperture	Image Format
BX1500-0F	Fixed	4 mm	F/1.5	1/3"
BX1500-1F		8 mm	F/1.6	1/2.5"
BX1500-2F		12 mm		
BX1500-3V	DC drive	2.8 ~ 12 mm	F/1.5	1/3"

### Active Tampering Alarm

Tampered



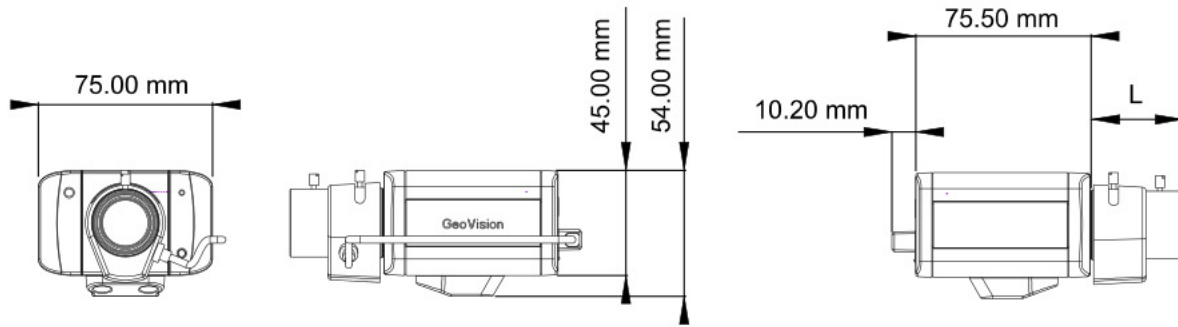
Focus Change



Camera Shift



Dimensions



Specifications

Camera	GV-BX1500-0F	GV-BX1500-1F	GV-BX1500-2F	GV-BX1500-3V
Image Sensor	1/3" progressive scan super low lux CMOS			
Picture Elements	1280 (H) x 1024 (V)			
Minimum Illumination	Color	0.01 Lux		
	B/W	0 Lux		
Shutter Speed	Automatic, Manual (1/5 ~ 1/8000 sec)			
White Balance	Automatic, Manual (2800 ~ 8500K)			
Gain Control	Automatic			
S/N Ratio	55 dB			
WDR	Yes			

Lens					
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/1.4	
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				

Operation		
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, Super Low Lux	
Audio Compression	G.711	
Two-way Audio	Yes	
Sensor Input	1 input (Dry Contact)	
Alarm Output	1 Digital Output (200mA 5V DC)	

Video Resolution		
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






Network		
Interface	10/100 Ethernet	
Protocol	DHCP, DynDNS, FTP, HTTP, HTTPS, NTP, ONVIF (Profile S), PSIA, QoS (DSCP), RTSP, SNMP, SMTP, TCP, UDP, UPnP, RS232C/422/485, ZigBee	




Antenna Type	External	
Security	WEP, WPA-PSK(TKIP), WPA-PSK(AES), WPA2-PSK(TKIP), WPA2-PSK(AES)	
<b>Mechanical</b>		
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")
Connectors	Digital I/O	3-pin terminal block, pitch 2.5 mm (0.1")
	Auto Iris	Yes
	Local Storage	Micro SD memory card slot (SDHC / SDXC for Class 6 card or above)
	TV-Out	BNC connector (640 x 480 resolution)
	Mini USB	GV-WiFi Adapter or USB hard drive
LED Indicator	2 LEDs: Power, Status	
<b>General</b>		
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 (without lens)	75.5 x 75 x 54 mm (2.97" x 2.95" x 2.13")	
Weight	300 g (0.66 lb)	
Regulatory	CE, RCM, FCC, RoHS compliant	
<b>Power over Ethernet</b>		
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	
<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, Digital I/O control, Audio, Picture in Picture, Picture and Picture, Privacy Mask, Visual Automation, 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>Applications</b>		
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:**

- The signal range and data throughput may vary depending on the network conditions and environmental factors.
- Mind the following limitations and requirements for the mini USB port:
  - The USB hard drive must be of 2.5" or 3.5", version 2.0 or above
  - The USB hard drive's storage capacity must not exceed 2TB
  - USB flash drives and USB hubs are not supported
  - External power supply is required for the USB hard drive
  - To connect a GV-WiFi Adapter, make sure it is connected before the camera is powered on.
- Specifications are subject to change without notice.

Accessories

Name		Details																
GV-IR LED T2		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																
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 in																
GV-Relay V2		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.																
Power Adapter		Power adapters are available in 4 regions: U.S.A., Australia, U.K and Europe.																
GV-WiFi Adaptor		Weight: 20 g / 0.04 lb Dimensions: 15 x 15 x 155 mm / 0.59" x 0.59" x 6.10" Supplied with mini USB to standard USB adapter.																
Fixed Lens : 4 mm		<table border="1"> <tbody> <tr> <td data-bbox="915 1247 1024 1268">Description</td> <td data-bbox="1084 1247 1323 1268">Megapixel day/ night lens</td> </tr> <tr> <td data-bbox="915 1297 1024 1318">Focal Length</td> <td data-bbox="1084 1297 1138 1318">4 mm</td> </tr> <tr> <td data-bbox="915 1348 1008 1423">Maximum Aperture</td> <td data-bbox="1084 1369 1138 1390">F/1.5</td> </tr> <tr> <td data-bbox="915 1444 976 1465">Mount</td> <td data-bbox="1084 1444 1177 1465">CS Mount</td> </tr> <tr> <td data-bbox="915 1495 1040 1516">Image Format</td> <td data-bbox="1084 1495 1122 1516">1/3"</td> </tr> <tr> <td data-bbox="915 1600 1008 1621">Operation</td> <td data-bbox="1084 1549 1219 1675">Focus: Manual Zoom: Fixed Iris: Fixed</td> </tr> <tr> <td data-bbox="915 1696 1008 1717">Dimension</td> <td data-bbox="1084 1696 1360 1717">ø30 x 27 mm / ø1.18 x 1.06 in</td> </tr> <tr> <td data-bbox="915 1747 976 1768">Weight</td> <td data-bbox="1084 1747 1203 1768">30 g / 0.07 lb</td> </tr> </tbody> </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
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