

## GV-BX3400 Series 3MP H.264 WDR Pro D/N Box IP Camera

GV-BX3400-0F / 1F / 2F



GV-BX3400-4V



GV-BX3400-5V



- 3 megapixel progressive scan CMOS
  - Dual streams from H.264 and MJPEG
  - Up to 20 fps at 2048 x 1536, 30 fps at 1920 x 1080
  - 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 Pro (WDR Pro)
  - 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
BX3400-0F	Fixed	4 mm	F/1.5	1/3"
BX3400-1F		8 mm	F/1.6	1/2.5"
BX3400-2F		12 mm		
BX3400-4V	DC drive	3 ~ 10.5 mm	F/1.4	1/2.7"
BX3400-5V		2.8 ~ 12 mm	F/1.3	1/3"

### Active Tampering Alarm

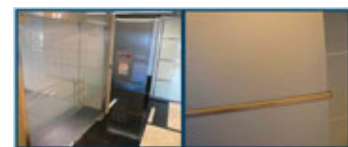
Tampered



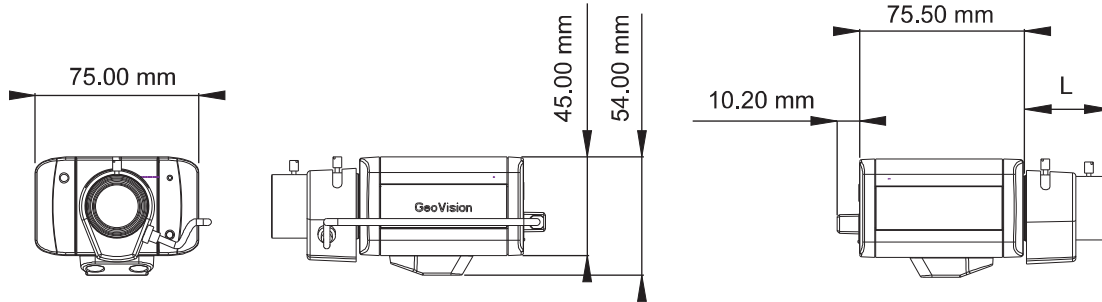
Focus Change



Camera Shift



## Dimensions



## Specifications

Camera		GV-BX3400-0F	GV-BX3400-1F	GV-BX3400-2F	GV-BX3400-4V	GV-BX3400-5V
Image Sensor		1/3.2" progressive scan CMOS				
Picture Elements		2048 (H) x 1536 (V)				
Minimum Illumination	Color	0.08 Lux at F/1.4				
	B/W	0.05 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		47 dB				
BLC		Yes				
WDR Pro		Yes (with WDR sensor)				
<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	3 ~ 10.5 mm	2.8 ~ 6 mm
Maximum Aperture		F/1.5	F/1.6		F/1.4	F/1.3
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, MJPEG				
Video Streaming		Dual streams from H.264 and MJPEG				
Frame Rate		20 fps at 2048 x 1536 * 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)				




Video Resolution		
Main Stream	4:3	2048 x 1536, 1600 x 1200, 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
Network		
Interface	10/100 Ethernet	
Protocol	HTTP, HTTPS, TCP, UDP, SMTP, FTP, DHCP, NTP, UPnP, DynDNS, 3GPP/ISMA, RTSP, PSIA, SNMP, QoS (DSCP), ONVIF	
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	
Connectors	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)
	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																
<p>GV-IR LED T2</p> 	<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>																
<p>GV-PA191 PoE Adapter</p> 	<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>																
<p>GV-Relay V2</p> 	<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>																
<p>Power Adapter</p>	<p>Power adapters are available in 4 regions: U.S.A., Australia, U.K and Europe.</p>																
<p>GV-WiFi Adaptor</p> 	<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>																
<p>Fixed Lens : 4 mm</p> 	<table border="1"> <tbody> <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> </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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Name	Details	
Fixed Lens : 8 mm	Description Megapixel day/ night lens	
	Focal Length 8 mm	
	Maximum Aperture F/1.6	
	Mount CS Mount	
	Image Format 1/2.5"	
	Focus: Manual	
	Operation Zoom: Fixed Iris: Fixed	
	Dimension $\phi$ 30 x 19.6 mm / $\phi$ 1.18 x 0.77 in	
	Weight 27.7 g / 0.06 lb	
		Description Megapixel day/ night lens
Fixed Lens : 12 mm	Focal Length 12 mm	
	Maximum Aperture F/1.6	
	Mount CS Mount	
	Image Format 1/2.5"	
	Focus: Manual	
	Operation Zoom: Fixed Iris: Fixed	
	Dimension $\phi$ 30 x 20.6 mm / $\phi$ 1.18 x 0.81 in	
	Weight 28.6 g / 0.06 lb	
		Description Megapixel day/ night lens
	Varifocal Lens : 3 ~ 10.5 mm	Focal Length 3 ~ 10.5 mm
Maximum Aperture F/1.4		
Mount CS Mount		
Image Format 1/2.7"		
Focus: Manual (w/lock)		
Operation Zoom: Manual (w/lock) Iris: DC Drive		
Dimension $\phi$ 43.5 x 44 mm / $\phi$ 1.71 x 1.73 in		
Weight 59.9 g / 0.13 lb		
		

Name	Details
<p>Varifocal Lens : 2.8 ~ 6 mm</p> 	<p>Description    Megapixel day/ night lens</p>
	<p>Focal Length    2.8 ~ 6 mm</p>
	<p>Maximum Aperture    F/1.3</p>
	<p>Mount    CS Mount</p>
	<p>Image Format    1/3"</p>
	<p>Operation    Focus: Manual (w/lock)</p>
	<p>                         Zoom: Manual (w/lock)</p>
	<p>                         Iris: DC Drive</p>
	<p>Dimension    ø 37.5 x 52.3 mm / ø 1.48 x 2.06 in</p>
	<p>Weight    60 g / 0.13 lb</p>