

GV-BX320D-0 / 320D-1 3MP H.264 D/N Box IP Camera



- 3 megapixel progressive scan CMOS
- Stream 1 from H.264 and MJPEG;
Stream 2 from H.264, MPEG4 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
- Micro SD/SDHC Card Slot
- 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
- 28 languages on Web interface

* No SD/SDHC card slot & local storage function for Argentina.

Models

Models	Auto Iris	Focal Length (mm)	Maximum Aperture	Image Format
GV-BX320D-0	DC Drive	3.1 ~ 8	F/1.2	1/3"
GV-BX320D-1		2.8 ~ 6	F/1.3	

Active Tampering Alarm

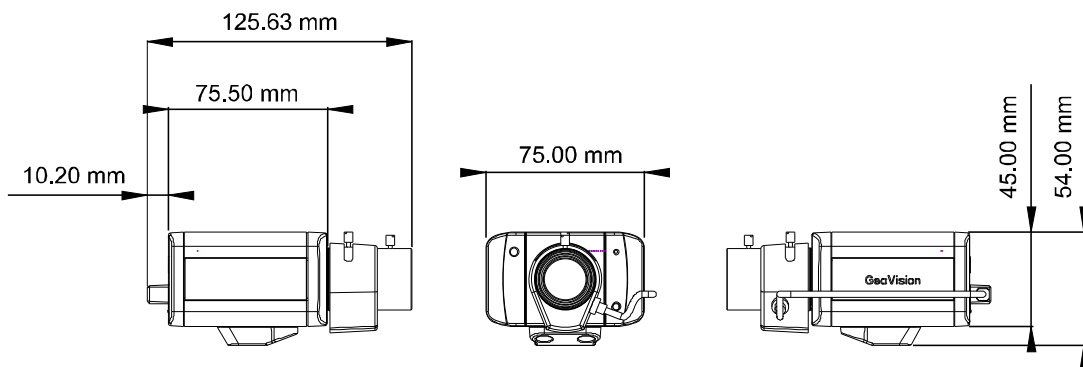
Tampered



Focus Change



Camera Shift



SPECIFICATIONS

		GV-BX320D-0	GV-BX230D-1
Camera			
Image Sensor		1/2.5" progressive scan CMOS	
Picture Elements		2048 (H) x 1536 (V)	
Minimum Illumination	Color	1 Lux (1/30 sec), 0.5 Lux (1/5 sec)	
	B/W	0.2 Lux (1/30 sec), 0.1 Lux (1/5 sec)	
	IR ON	0 Lux	
Shutter Speed		Automatic, Manual (1/5 ~ 1/8000 sec)	
White Balance		Automatic, Manual (2800K ~ 8500K)	

Lens		
Megapixel	Yes	
Day/Night	Yes (with removable IR-cut filter)	
Lens Type	Varifocal	
Focal Length	3.1 ~ 8 mm	2.8 ~ 6 mm
Maximum Aperture	F / 1.2	F / 1.3
Mount	CS Mount	
Image Format	1/3"	
Angle of view	Diagonal	108.70° ~ 41.21°
	Horizontal	86.96° ~ 32.97° 101.11° ~ 46.58°
	Vertical	65.22° ~ 24.73° 74.10° ~ 35.09°
Operation	Focus	Manual (w / lock)
	Zoom	Manual (w / lock)
	Iris	DC
Operation		
Video Compression	H.264, MPEG4, MJPEG	
Video Stream	Stream 1 from H.264 and MJPEG Stream 2 from H.264, MPEG4 and MJPEG	
Frame Rate	20 fps at 2048 x 1536, 30 fps at 1920 x 1080 * The frame rate and the performance may vary depending on the number of connections and data bitrates (different scenes).	
Image Setting	Brightness, Contrast, Sharpness, Gamma, White Balance, Flicker-less, Image Orientation, Shutter Speed, D/N Sensitivity, Backlight Compensation	
Audio Compression	G.711, AAC (16 kHz / 16 bit) * AAC is only supported by GV-System V8.5 or later	
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	
Ethernet Protocol	HTTP, HTTPS, TCP, UDP, SMTP, FTP, DHCP, NTP, UPnP, DynDNS, 3GPP/ISMA, RTSP, PSIA, SNMP, QoS (DSCP)	
Mechanical		
Lens Mounting	C / CS-Mount	
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	DC drive
	Local Storage	Micro SD/SDHC memory card slot (for Class 6 card or above)
	TV-Out	BNC connector (640 x 480 resolution)
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	
Max. Power Consumption	7 W	
Regulatory	CE, FCC, C-Tick, RoHS compliant	
Dimension (L X W X H)	76 x 74.9 x 54.3 mm / 2.99 x 2.95 x 2.14 in (without lens)	
Weight	321 g / 0.71 lb	

Power over Ethernet	
PoE Standard	IEEE 802.3af Power over Ethernet / PSE
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
Access from Web Browser	Camera live view, video recording, change video quality, bandwidth control, image snapshot, digital I/O control, audio, Picture in Picture, Wide Angle Lens Dewarping, Picture and Picture, Privacy Mask, Visual Automation, Tampering Alarm, Text Overlay
Language	Czech / Danish / English / French / German / Hebrew / Hungarian / Italian / Japanese / Polish / Portuguese / Russian / Serbian / Simplified Chinese / Spanish / Traditional Chinese * Bulgarian, Dutch, Greek, Indonesian, Lithuanian, Norwegian, Persian, Romanian, Slovakian, Slovenian, Thai and Turkish are only supported in V1.07 or later.
Applications	
Network Storage	GV-NVR, GV-System, GV-Backup Center, GV-Recording Server
Mobile Phone support	GV-AView for Android Smartphone, GV-Eye HD for iPad, GV-Eye for iPhone and iPod Touch, GV-GView for Windows PDA, GV-MSView for Windows Smartphone, GV-SSView for Symbian Smartphone, 3G-enabled phone.
Live Viewing	IE , GV-MultiView
CMS Server support	GV-Control Center, GV-Center V2, GV-VSM

Note: Specifications are subject to change without notice.