

## GV-BX120D 1.3MP H.264 Low Lux D/N Box IP Camera



- 1.3 megapixel progressive scan Low Lux CMOS
  - Stream 1 from H.264 and MJPEG;
  - Stream 2 from H.264, MPEG4 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
  - 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.

### Active Tampering Alarm

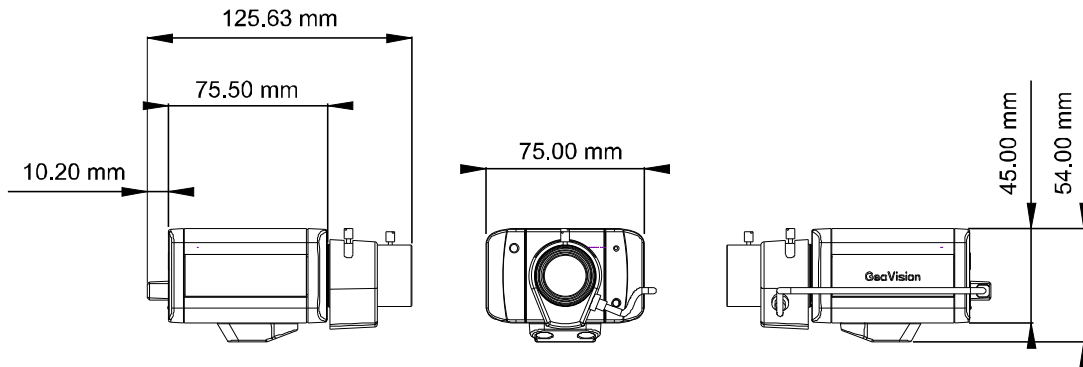
Tampered



Focus Change



Camera Shift



### SPECIFICATIONS

Camera		
Image Sensor		1/3" progressive scan CMOS
Picture Elements		1280 (H) x 1024 (V)
Minimum Illumination	Color	0.15 Lux (1/30 sec), 0.08 Lux (1/5 sec)
	B/W	0.08 Lux (1/30 sec), 0.04 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		2.8 ~ 12 mm
Maximum Aperture		F / 1.4
Mount		CS Mount
Image Format		1/3"
Angle of view	Diagonal	115° ~ 45.3°
	Horizontal	92° ~ 27.2°
	Vertical	69° ~ 20.4°

Operation	Focus	Manual (w / lock)
	Zoom	Manual (w / lock)
	Iris	DC
<b>Operation</b>		
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	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, 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)	
<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	
Ethernet Protocol	HTTP, HTTPS, TCP, UDP, SMTP, FTP, DHCP, NTP, UPnP, DynDNS, 3GPP/ISMA, RTSP, PSIA, SNMP, QoS (DSCP)	
<b>Mechanical</b>		
Lens Mounting	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	
<b>General</b>		
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	
Dimensions (L X W X H)	75.5 x 75 x 54 mm / 3.05 x 2.95 x 2.13 in (without lens)	
Weight	321 g / 0.71 lb	
Regulatory	CE, FCC, C-Tick, RoHS compliant	
<b>Power over Ethernet</b>		
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	
<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, 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.