

## GV-BX110D 1.3M H.264 D/N Box IP CAM



Fixed lens



Varifocal lens

- 1.3 Megapixel Progressive Scan CMOS
- Dual streams from H.264, MJPEG and MPEG4
- 15 fps in 1.3M resolution
- Built-in microphone
- 2-way audio
- One sensor input and alarm output
- TV-out support
- Tampering alarm
- Privacy mask
- IP address filtering
- 3GPP / ISMA
- DC 12V / PoE
- Day / Night function
- Fixed focal or Varifocal Megapixel lens
- 16 languages on Web interface

### Models

- Fixed lens
- Varifocal lens

### Active Tampering Alarm

Tampered



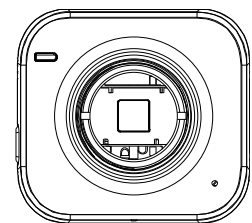
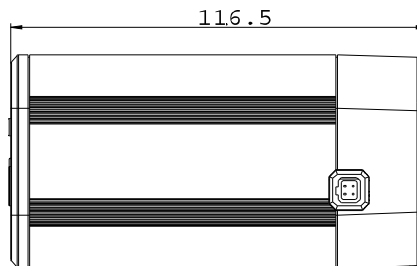
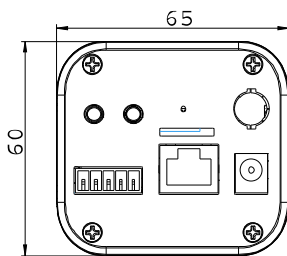
Focus Change



Camera Shift



### SPECIFICATIONS



Models	GV-BX110D (Fixed lens)	GV-BX110D (Varifocal lens)
<b>Camera</b>		
Image Sensor	1/3" progressive scan CMOS	
Picture Elements	1280 (H) x 1024 (V)	
Minimum Illumination	Color	1 Lux (1/60 sec), 0.1 Lux (1/5 sec), (F/1.4, AGC-On, slow shutter-Off)
	B/W	0.1 Lux (1/60 sec), 0.05 Lux (1/5 sec), (F/1.4, AGC-On, slow shutter-Off)
	IR ON	0 Lux (1/60 sec), (F/1.4, AGC-On, slow shutter-Off)
Shutter Speed	1/5 ~ 1/4000 sec, Automatic (Balanced, Speed Priority, Quality Priority)	
White Balance	Automatic, Manual (2800K ~ 8500K)	
<b>Lens</b>		
Megapixel	Yes	
Day/Night support (with removable infrared-cut filter)	Yes	
Iris	Fixed Iris	DC Drive
Focal Length	f = 4.0 mm ± 5%	f = 4 ~ 9 mm
Max Aperture	F / 1.5 ± 5%	F / 1.4
Mount	CS Mount	

Image Format		1/3"	
Angle of view	Diagonal	80.4° ± 5%	60° ~ 30° (Horizontal)
	Horizontal	65.4° ± 5%	
	Vertical	49.9° ± 5%	
Operation	Focus	none	Manual (w / lock)
	Zoom	none	Manual (w / lock)
	Iris	Fixed	DC

#### Operation

Video Codec	H.264, MPEG4, MJPEG
Video Streaming	Dual Streams from two of H.264, MPEG4 and MJPEG
Frame Rate	15 fps at 1280 x 1024, 30 fps at 640 x 512 * 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
Audio Codec	G.711
Sensor Input	Wet Contact 7V ~ 30V
Alarm Output	277V AC 5A (NO), 3A (NC) 30V DC 5A (NO), 3A (NC)

#### Video Resolution

Main Streaming	4:3	1280 x 960, 640 x 480, 320 x 240
	5:4	1280 x 1024, 640 x 512, 320 x 256
Sub Streaming	4:3	640 x 480, 320 x 240
	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	DC Jack
	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	5-pin terminal block, pitch 3.5 mm / 0.14 in
	Auto Iris	DC drive
	Local Storage	Mini or micro SD/SDHC memory card slot
TV-Out	BNC connector	
LED Indicator	1 LED with two colors	

#### General

Operating Temperature	0 °C ~ 50 °C / 32 °F ~ 122 °F
Humidity	10% to 90% (no condensation)
Power Source	12V DC / PoE
Power Consumption	7.2 W (max. 600mA at 12V DC)
Regulatory	CE, FCC, C-Tick, RoHS compliant
Dimensions (L X W X H)	115 x 65 x 60 (mm) / 4.52 x 2.55 x 2.36 (in)
Weight	450 ± 50 (g) / 0.99 ± 0.11 (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, Picture and Picture, Privacy Mask, Visual Automation, Tampering Alarm, Wide Angle Lens Dewarping
Language	Czech / Danish / English / French / German / Hebrew / Hungarian / Italian / Japanese / Polish / Portuguese / Russian / Serbian / Simplified Chinese / Spanish / Traditional Chinese

#### Applications

Network Storage	GV-NVR, GV-System
3G Mobile Phone	Built-in player for 3GPP / ISMA
Live Viewing	IE, GV-MultiView
CMS Server support	GV-Control Center, GV-Center V2, GV-VSM, GV-Backup Center, GV-Video Gateway, GV-Recording Server

**Note:** Specifications are subject to change without notice.