

## GV-IPCAM H.264 1.3M (GV-BX110D)



- 1.3 Progressive Scan CMOS
- Built-in Web server for monitoring through IE browser
- Dual video streams from two of H.264, MJPEG and MPEG4
- Up to 15 frames per second in megapixel resolution (1280 x 1024)
- Built-in microphone
- 2-way audio communication
- One sensor input and one alarm output
- TV-out support
- Motion detection triggering actions like image upload and output trigger
- Privacy mask allowing the concealment of parts of the image that should not be viewable
- IP address filtering
- 3GPP/ISMA
- PoE (Power over Ethernet)
- Day/Night function
- Fixed Focal Megapixel and IR lens included
- Varifocal Megapixel and auto iris IR lens (optional)

### Active Tampering Alarm

Tampered



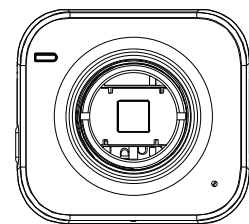
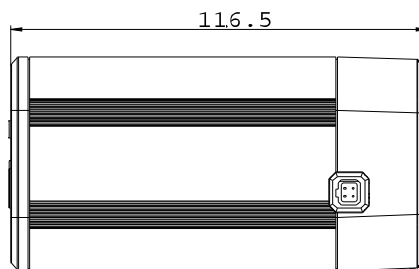
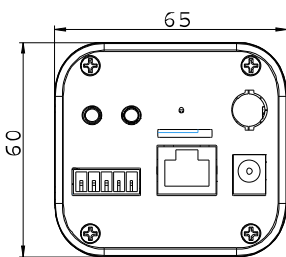
Focus Change



Camera Shift



### SPECIFICATIONS



#### Camera

Image Sensor	1/3" progressive scan CMOS	
Picture Elements	1280 (H) x 1024 (V)	
Minimum Illumination	1.3M	0.5 lux at F 1.0
	VGA	0.1 lux at F1.6
Shutter Speed	1/5 ~ 1/4000 sec, Balanced, Speed Priority, Quality Priority	
White Balance	Automatic, Manual (2800K ~ 8500K)	

#### Operation

Video Codec	H.264, MPEG4, MJPEG		
Video Streaming	Dual Streams from two of H.264, MPEG4 and MJPEG		
Video Resolution	Main Streaming	1.3M	1280 x 1024 (SXGA), 640 x 480 (VGA), 320 x 240 (CIF), 176 x 144
		VGA	640 x 480 (VGA), 320 x 240 (CIF), 176 x 144
	Sub Streaming	640 x 480 (VGA), 320 x 240 (CIF), 176 x 144	

Frame Rate	1.3M	15 fps at SXGA, 30 fps at VGA
	VGA	30 fps at VGA
Image Setting	Brightness, Contrast, Sharpness, Gamma, White Balance, Flicker-less, Image Orientation	
Audio Codec	G.711	
Digital Input	Wet Contact 7V ~ 30V	
Relay Output	277V AC 5A (NO), 3A (NC) 30V DC 5A (NO), 3A (NC)	
<b>Network</b>		
Interface	10/100 Ethernet	
Ethernet Protocol	HTTP, TCP, UDP, SMTP, FTP, DHCP, NTP, UPnP, DynDNS, 3GPP/ISMA RTSP	
<b>Mechanical</b>		
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, 3.5mm / 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
<b>General</b>		
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 @ 12V DC)	
Regulatory	CE, FCC, C-Tick, RoHS compliant	
Dimension (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)	
<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	
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	
<b>Applications</b>		
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-GIS	