

GV-BX220D 2M H.264 D/N Box IP Cam



- 2 megapixel progressive scan CMOS
- Dual video streams from two of H.264, MJPEG and MPEG4
- Up to 30 fps at 1920 x 1080
- Built-in / external microphone
- 2-way audio
- One sensor input and alarm output
- TV-out support
- Motion detection
- Tampering alarm
- Privacy mask
- IP address filtering
- 3GPP/ISMA
- DC 12V / PoE
- Day / Night function
- Varifocal megapixel lens
- 16 languages on Web interface

Active Tampering Alarm

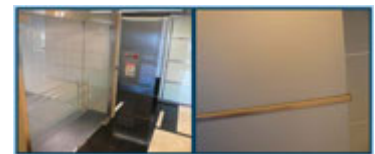
Tampered



Focus Change



Camera Shift



SPECIFICATIONS

Camera		
Image Sensor	1/2.5" progressive scan CMOS	
Picture Elements	1920 (H) x 1080 (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)	
Operation		
Video Codec	H.264, MPEG4, MJPEG	
Video Streaming	Dual Streams from two of H.264, MPEG4 and MJPEG	
Frame Rate	30 fps at 1920 x 1080	
Image Setting	Brightness, Contrast, Sharpness, Gamma, White Balance, Flicker-less, Image Orientation	
Audio Codec	G.711	
Input	1 Input (Dry Contact)	
Output	1 Digital Output	
Video Resolution		
Main Stream	4:3	1600 x 1200, 1280 x 960, 640 x 480, 320 x 240
	16:9	1920 x 1080, 1280 x 720, 640 x 360, 320 x 180
	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, 320 x 180
	5:4	640 x 512, 320 x 256
Network		
Interface	10/100 Ethernet	
Ethernet Protocol	HTTP, TCP, UDP, SMTP, FTP, DHCP, NTP, UPnP, DynDNS, 3GPP/ISMA RTSP	

Lens		GV-BX220D (Lens Option 1)	GV-BX220D (Lens Option 2)
Megapixel		Yes	
IR Support		Yes	
Iris		DC Drive	
Focal Length		2.8 ~ 8.5 mm	3.1 ~ 8 mm
Max Aperture		F / 1.4	F / 1.2
Mount		CS Mount	
Image Format		1/3"	
Angle of view	94.45° ~ 32.47°	94.45° ~ 32.47°	
	82.32° ~ 28.30°	82.32° ~ 28.30°	
	46.31° ~ 15.92°	46.31° ~ 15.92°	
Operation	Manual (w / lock)	Manual (w / lock)	
	Manual (w / lock)	Manual (w / lock)	
	DC	DC	
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, 3.5mm / 0.14 in)	
	Digital I/O	3-pin terminal block, pitch 2.5 mm / 0.1 in	
	Auto Iris	DC drive	
	Local Storage	Mini or micro SD/SDHC memory card slot	
	TV-Out	BNC connector	
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	
Power Consumption		5 W (max. 416 mA at 12V DC)	
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, Picture and Picture, Privacy Mask, Visual Automation, Tampering Alarm	
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-GIS	

Note: Specifications are subject to change without notice.