GV-BL220D 2M H.264 IR Bullet 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
- IP66 compliant
- Cable-concealed bracket preventing cable from being cut
- One alarm input and sensor output
- 2-way audio
- Motion detection
- Tampering alarm
- Privacy mask
- IP address filtering
- 3GPP/ISMA
- DC 12V / AC 24V / PoE
- Day / Night function
- 16 languages on Web interface

The Bullet Camera features a weather sealed and IP66 compliant housing for outdoor use. The camera also features 16 IR LEDs for infrared illumination in night vision applications. Additionally, the Bullet Camera supports both DC 12V and AC 24V power supply.

Active Tampering Alarm

Tampered

Focus Change

Camera Shift

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 IR ON	0 Lux
Shutter Speed		1/5 ~ 1/8000 sec, Automatic
White Balance		Automatic, Manual
Lens		
Max. Aperture		Yes
Day / Night support		Yes
Max. Aperture		F / 1.3 ± 5%
Lens Focal		f = 3.6 ~ 9 mm
Field of view	Depth	76° (W) ~ 32° (T) ± 5°
	Height	66° (W) ~ 27.9° (T) ± 5°
	Vertical	37.3° (W) ~ 15.7° (T) ± 5°
Operation	Focus	(w/lock)
	Zoom	(w/lock)
	Iris	DC
IR LED Quantity		16 IR LEDs
IR Distance		15 m / 49.21 ft (Max.)

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 * 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
Audio Codec		G.711
Digital Input		Dry Contact
Digital Output		Digital Output
Video Resolution		
Main Streaming	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, 448 x 252
	5 : 4	1280 x 1024, 640 x 512, 320 x 256
Sub Streaming	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, TCP, UDP, SMTP, FTP, DHCP, NTP, UPnP, DynDNS, 3GPP/ISMA RTSP, PSIA
Mechanical		
Lens Mounting		ø 14 mm
Connectors	Power	Terminal Block (3 pins)
	Ethernet	RJ-45
	Audio	1 In (RCA female for microphone) 1 Out (RCA female for speaker)
	Digital I/O	I/O Wires
	Auto Iris	DC drive
	Local Storage	Micro SD/SDHC memory card slot
	TV-Out	None
General		
Temperature		-20 °C ~ 50 °C / -4 °F ~ 122 °F
Humidity		10% to 90% (no condensation)
Power Source		12V DC / 24V AC / PoE
Power Consumption		12 W (max. 1A at 12V DC)
Regulatory		CE, FCC, C-Tick, RoHS compliant
Dimensions (L X W X H)		277.5 x 148.95 x 87.75 mm / 10.9 x 5.86 x 3.45 in
Weight		1.35 kg / 2.98 lb
Protection Classification		IP66
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 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, Picture and Picture, Privacy Mask, Visual Automation, Tampering Alarm
Languages		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 , Mobile Phone
CMS Server support		GV-Control Center, GV-Center V2, GV-VSM

Note: Specifications are sujbect to change without notice.