

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		Automatic, Manual (1/5 ~ 1/8000 sec)
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	Diagonal	76° (W) ~ 32° (T) ± 5°
	Horizontal	66° (W) ~ 27.9° (T) ± 5°
	Vertical	37.3° (W) ~ 15.7° (T) ± 5°
Operation	Focus	Manual (w/lock)
	Zoom	Manual (w/lock)
	Iris	DC
IR LED Quantity		16 IR LEDs
IR Distance		15 m / 50 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, Backlight Compensation
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, HTTPS, TCP, UDP, SMTP, FTP, DHCP, NTP, UPnP, DynDNS, 3GPP/ISMA RTSP, PSIA, SNMP

Mechanical		
Lens Mounting		ø 14 mm
Connectors	Power	3-pin terminal block
	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 subject to change without notice.