

## GV-BL1510 1.3MP H.264 3x zoom Super Low Lux WDR IR Bullet IP Camera



- 1.3 megapixel progressive scan super low lux CMOS
- Min. illumination at 0.01 lux
- Dual streams from H.264 and MJPEG
- Up to 30 fps at 1280 x 1024
- Intelligent IR
- IR distance up to 70 m (230 ft.)
- Motorized varifocal lens for remote focus/zoom adjustment
- Vandal resistance (IK10 for metal casing)
- Ingress protection (IP67)
- Tolerant to extreme temperatures (-20°C ~ 50°C/-4°F ~ 122°F)
- Cable-concealed bracket preventing cable from being cut
- One alarm input and sensor output
- Built-in micro SD card slot (SD/SDHC) for local storage
- 2-way audio
- Wide Dynamic Range (WDR)
- 3D DNR (Digital Noise Reduction)
- Defog
- Motion detection
- Tampering alarm
- Privacy mask
- IP address filtering
- DC 12V / AC 24V / PoE
- Removable IR-cut filter for Day/Night function
- Supports iPhone, iPad, Android & 3GPP
- 31 languages on Web interface
- ONVIF (Profile S) conformant

\* No Memory Card Slot & local storage function for Argentina.

### Introduction

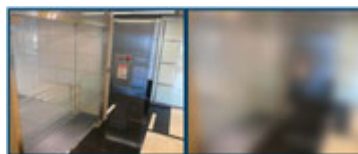
The Bullet Camera is specifically designed for outdoors. It adheres to the IP67 standard and has full protection against dust and jets of water. The camera is equipped with a super low lux image sensor, which allows the camera to provide a color live view in near darkness. With the motorized focus/zoom, users can remotely adjust the focus and zoom from the Web interface.

### Active Tampering Alarm

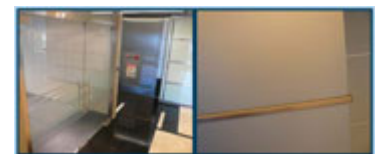
Tampered



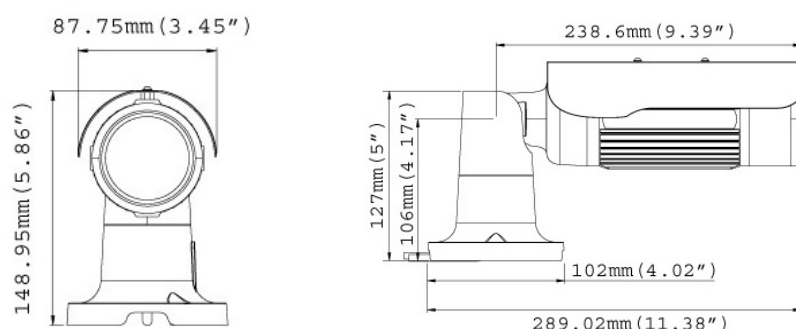
Focus Change



Camera Shift



### Dimensions



## Specifications

| Camera                           |           |   |
|----------------------------------|-----------|---|
| Image Sensor                     |           | 1/3" progressive scan super low lux CMOS  |
| Picture Elements                 |           | 1280 (H) x 1024 (V)   |
| Minimum Illumination             | Color B/W | 0.01 Lux  |
|                                  | IR ON     | 0 Lux   |
| Shutter Speed                    |           | Automatic, Manual (1/5 ~ 1/8000 sec.)   |
| White Balance                    |           | Automatic, Manual (2800K ~ 8500K)   |
| Gain Control                     |           | Automatic   |
| S/N Ratio                        |           | 55 dB   |
| WDR                              |           | Yes   |
| Lens                             |           |   |
| Megapixel                        |           | Yes   |
| Focal Length                     |           | 3 ~ 9 mm  |
| Day/Night                        |           | Yes (with removable IR-cut filter)  |
| Lens Type                        |           | Motorized varifocal lens  |
| Maximum Aperture                 |           | F/1.2   |
| Mount                            |           | Ø 14 mm   |
| Image Format                     |           | 1/2.7"  |
| Operation                        | Focus     | Auto Focus  |
|                                  | Zoom      | 3X Optical Zoom   |
|                                  | Iris      | DC Drive  |
| Max. Torque (Focus/ Zoom Screws) |           | 0.049 N.m   |
| IR LED Quantity                  |           | 16 IR LEDs  |
| Max. IR Distance                 |           | 70 m (230 ft.)  |
| Operation                        |           |   |
| Video Compression                |           | H.264, MJPEG  |
| Video Stream                     |           | Dual streams from H.264 or MJPEG  |
| Frame Rate                       |           | 30 fps at 1280 x 1024<br>* The frame rate and the performance may vary depending on the number of connections and data bitrates (different scenes).   |
| Image Setting                    |           | Brightness, Contrast, Saturation, Sharpness, Gamma, White Balance, Flicker-less, Image Orientation, Shutter Speed, D/N Sensitivity, Backlight Compensation, WDR, Defog, Zoom, Focus Change, Super Low Lux |
| Audio Compression                |           | G.711   |
| Two-way Audio                    |           | Yes   |
| Sensor Input                     |           | 1 Input (Dry Contact)   |
| Alarm Output                     |           | 1 Digital Output (200mA 5V DC)  |
| Video Resolution                 |           |   |
| Main Stream                      | 4 : 3     | 1280 x 960, 640 x 480, 320 x 240  |
|                                  | 16 : 9    | 1280 x 720, 640 x 360, 448 x 252  |
|                                  | 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, 448 x 252  |
|                                  | 5 : 4     | 640 x 512, 320 x 256  |
| Network                          |           |   |
| Interface                        |           | 10/100 Ethernet   |
| Protocol                         |           | DHCP, DynDNS, FTP, HTTP, HTTPS, NTP, ONVIF (Profile S), PSIA, QoS (DSCP), RTSP, SNMP, SMTP, TCP, UDP, UPnP, 3GPP/ISMA   |
| Mechanical                       |           |   |
| Temperature Detector             |           | Yes   |
| Camera Angle Adjustment          | Pan       | 0° ~ 360°   |
|                                  | Tilt      | 90° ~ 180°  |
|                                  | Rotate    | 0° ~ 360°   |







|                            |                            |  |
|----------------------------|----------------------------|--|
| Connectors                 | Power                      | 2-pin terminal block, PoE  |
|                            | Ethernet                   | Ethernet (10/100 Base-T), RJ-45 Cable  |
|                            | Audio                      | 1 In (RCA female for microphone)<br>1 Out (RCA female for speaker)   |
|                            | Auto Iris                  | DC Drive   |
|                            | Digital I/O                | I/O Wires  |
| <b>Mechanical</b>          |                            |  |
| Connectors                 | Local Storage              | Micro SD card slot (SD/SDHC, SD version 2.0 only, Class 10)<br>*SDXC and UHS-I card types are not supported.   |
| <b>General</b>             |                            |  |
| Environment Temperature    |                            | -20°C ~ 50°C (-4 °F ~ 122 °F)  |
| Humidity                   |                            | 10% to 90% (no condensation)   |
| Power Source               |                            | 12V DC / 24V AC / PoE  |
| Max. Power Consumption     |                            | 13.8 W   |
| Dimensions                 | Camera Body                | 289.02 x 87.75 x 148.95 mm (11.4" x 3.45" x 5.86")   |
|                            | Cable Length               | 1 m (3.28 ft.)   |
|                            | Maximum Cable Diameter     | ø 7.1 mm (0.28")   |
|                            | Maximum Connector Diameter | ø 25.2 mm (0.99")  |
| Weight                     |                            | 1.4 kg (3.08 lb)   |
| Ingress Protection         |                            | IP67   |
| Vandal Resistance          |                            | IK10 for metal casing  |
| Regulatory                 |                            | CE, FCC, RCM, RoHS compliant   |
| <b>Power over Ethernet</b> |                            |  |
| PoE Standard               |                            | IEEE 802.3af Power over Ethernet / PD  |
| 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 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, Text Overlay, Digital PTZ   |
| Language                   |                            | Arabic / Bulgarian / Czech / Danish / Dutch / English / Finnish / French / German / Greek / Hebrew / Hungarian / Indonesian / Italian / Japanese / Lithuanian / Norwegian / Persian / Polish / Portuguese / Romanian / Russian / Serbian / Simplified Chinese / Slovakian / Slovenian / Spanish / Swedish / Thai / Traditional Chinese / Turkish |
| <b>Application</b>         |                            |  |
| Network Storage            |                            | GV-NVR, GV-System, GV-Backup Center, GV-Recording Server   |
| Smart Device Access        |                            | GV-Eye for Android smartphone, tablet, iPhone and iPod Touch<br>GV-Eye HD for iPad   |
| Live Viewing               |                            | IE, mobile phone   |
| CMS Server support         |                            | GV-Control Center, GV-Center V2, GV-VSM  |

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

## Packing List

- |  |                                     |
|--|-------------------------------------|
| 1. Bullet Camera   | 7. Silica Gel Bag x 2               |
| 2. Lens (Megapixel and Built-In 16 IR LEDs)  | 8. 2-Pin Terminal Block             |
| 3. Self Tapping Screw x 3  | 9. GV-IPCAM H.264 Quick Start Guide |
| 4. Plastic Screw Anchor x 3  | 10. GV-IPCAM H.264 Software CD      |
| 5. Torx Wrench x 2   | 11. GV-NVR Quick Start Guide        |
| 6. Sun-Shield Cover Kit (1 Sun-Shield Cover, 2 Philips Head Screws, 2 Plastic Screw Spacers and 2 Hexagon Screws included) | 12. GV-NVR Software DVD             |

## Accessories

| Model No.            | Name   |   | Details  |
|----------------------|--|---|--|
| GV-Mount300          | Convex Corner Adapter Kit  |    | Dimensions: 238.6 x 409.5 mm (9.4" x 16.1")<br>Weight: 4.27 Kg (9.41 lb)   |
| GV-Mount310          | Concave Corner Adapter Kit   |    | Dimensions: 238.6 x 409.5 mm (9.4" x 16.1")<br>Weight: 4.27 Kg (9.41 lb)   |
| GV-Mount400          | Pole Mount Bracket Kit<br>( $\varnothing$ 4" ~ 6")   |    | Dimensions<br>Bracket: 241 x 161 mm (9.5" x 6.3")<br>Weight: 1.70 Kg ( 3.75 lb)<br>Steel Strap Diameter: $\varnothing$ 4" ~ 6"   |
| GV-Mount410          | Pole Mount Bracket Kit<br>( $\varnothing$ 6" ~ 7.5")   |   | Dimensions<br>Bracket: 241 x 161 mm (9.5" x 6.3")<br>Weight: 1.70 Kg (3.75 lb)<br>Steel Strap Diameter: $\varnothing$ 6" ~ 7.5"  |
| GV-PA191 PoE Adapter | Power over Ethernet (PoE) Adapter  |  | The GV-PA191 is a Power over Ethernet (PoE) adapter designed to provide power to the IP device through a single Ethernet cable.  |
| GV-Relay V2          | GV-Relay V2  |  | The GV-Relay V2 is designed to expand the voltage load of GV IP devices. It provides 4 relay outputs, and each can be set as normally open (NO) or normally closed (NC) independently as per your requirement. |
| Power Adapter        | Power adapters are available in 4 regions: U.S.A., Australia, U.K and Europe.  |   |  |
| GV-POE Switch        | The GV-POE Switch is designed to provide power along with network connection for IP devices. The GV-POE Switch is available in various models with different numbers and types of ports. |   |  |