

## **GV-TBL4711 4MP H.265 4.3x Zoom Super Low Lux WDR Pro IR Bullet IP**

### **Camera**



- 1/3" progressive scan super low lux CMOS sensor
- Min. illumination at 0.003 lux
- Triple streams from H.265, H.264 or MJPEG
- Up to 30 fps at 2688 x 1520
- Motorized varifocal lens for remote focus / zoom adjustment
- Intelligent IR
- IR distance up to 50 m (165 ft)
- Day and night function (with removable IR-cut filter)
- Vandal Resistance (IK10 for metal casing)
- Ingress protection (IP67)
- Built-in micro SD card slot (SD / SDHC / SDXC / UHS-I, Class 10) for local storage
- Two-way audio capable
- DC 12V / PoE (IEEE 802.3af)
- Wide Dynamic Range Pro (WDR Pro)
- Defog
- 3D noise reduction
- Motion detection
- Text overlay
- Privacy mask
- Tampering Alarm
- 12 languages supported
- ONVIF (Profile G, S) conformant

### **Introduction**

The Bullet IP Camera is an outdoor, network camera equipped with an automatic IR-cut filter and IR LEDs for day and night surveillance. The camera supports H.265 video codec to achieve better compression ratio while maintaining high quality pictures at reduced network bandwidths. GV-TBL4711 adheres to IK10 and IP67 standards, and can be powered through PoE.

### **Active Tampering Alarm**

Tampered



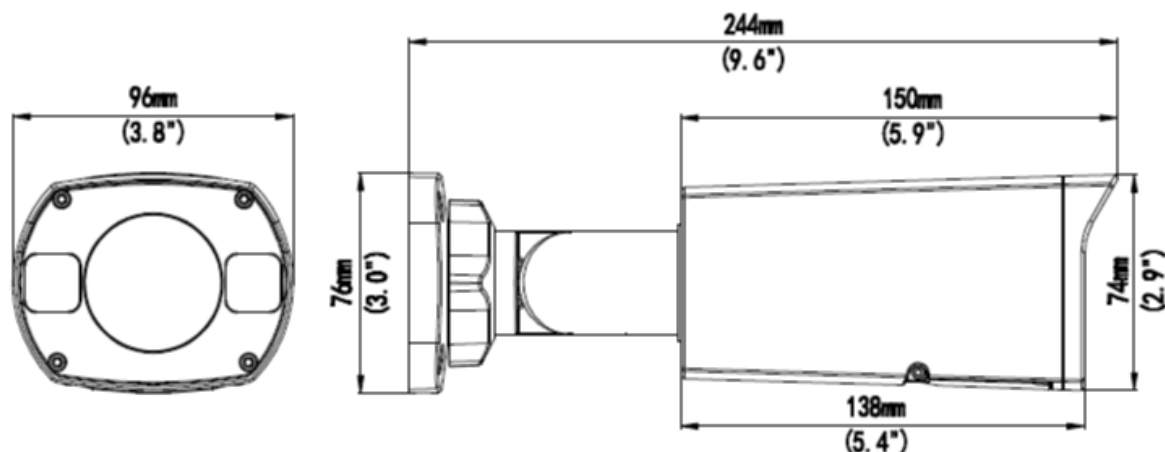
Focus Change



Camera Shift



## Dimensions



## Specifications

| Camera                                                                     |                                  |                                                                                                                                                                                                            |
|----------------------------------------------------------------------------|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Image Sensor                                                               |                                  | 1/3" progressive scan super low lux CMOS                                                                                                                                                                   |
| Picture Elements                                                           |                                  | 2688 (H) x 1520 (V)                                                                                                                                                                                        |
| Minimum Illumination                                                       | Color                            | 0.003 Lux (F1.6, AGC ON)                                                                                                                                                                                   |
|                                                                            | IR On                            | 0 Lux                                                                                                                                                                                                      |
| Shutter Speed                                                              |                                  | Auto / Manual (1/6 ~ 1/100000 sec)                                                                                                                                                                         |
| White Balance                                                              |                                  | Auto / Manual                                                                                                                                                                                              |
| Gain Control                                                               |                                  | Auto / Manual                                                                                                                                                                                              |
| S/N Ratio                                                                  |                                  | 52 dB                                                                                                                                                                                                      |
| WDR Pro                                                                    |                                  | Yes                                                                                                                                                                                                        |
| Dynamic Range                                                              |                                  | Up to 120 dB                                                                                                                                                                                               |
| Lens                                                                       |                                  |                                                                                                                                                                                                            |
| Megapixel                                                                  |                                  | 4 MP                                                                                                                                                                                                       |
| Day / Night                                                                |                                  | Yes (with removable IR-cut filter)                                                                                                                                                                         |
| Lens Type                                                                  |                                  | Motorized varifocal lens                                                                                                                                                                                   |
| Focal Length                                                               |                                  | 2.8 ~ 12 mm                                                                                                                                                                                                |
| Maximum Aperture                                                           |                                  | F/1.6                                                                                                                                                                                                      |
| Mount                                                                      |                                  | Ø14 mm                                                                                                                                                                                                     |
| Horizontal FOV                                                             |                                  | 31 ~ 98°                                                                                                                                                                                                   |
| Operation                                                                  | Focus                            | Auto / Manual                                                                                                                                                                                              |
|                                                                            | Zoom                             | 4.3x Optical Zoom                                                                                                                                                                                          |
|                                                                            | Iris                             | Fixed                                                                                                                                                                                                      |
| IR LED Quantity                                                            |                                  | 3 IR LEDs                                                                                                                                                                                                  |
| Max. IR Distance                                                           |                                  | 50 m (165 ft)                                                                                                                                                                                              |
| Operation                                                                  |                                  |                                                                                                                                                                                                            |
| Video Compression                                                          |                                  | H.265, H.264, MJPEG                                                                                                                                                                                        |
| Video Streaming                                                            |                                  | Triple streams                                                                                                                                                                                             |
| Video Resolution                                                           | Main Stream                      | 2688 x 1520, 2560 x 1440 (Default), 2304 x 1296, 1920 x 1080                                                                                                                                               |
|                                                                            | Sub Stream                       | 1280 x 720, 704 x 576, 704 x 288, 640 x 480, 640 x 360 (Default), 352 x 288                                                                                                                                |
|                                                                            | Third Stream (Closed by Default) | 640 x 360, 352 x 288                                                                                                                                                                                       |
| Frame Rate                                                                 |                                  | 30 fps at 2688 x 1520, 30 fps at 2560 x 1440, 30 fps at 2304 x 1296 (60 / 50 Hz)<br>* The frame rate and performance may vary depending on the number of connections and data bitrates (different scenes). |
| Maximum throughput                                                         |                                  | 40 Mbps                                                                                                                                                                                                    |
| Maximum stream<br>*When the total bitrate is within the maximum throughput |                                  | 20                                                                                                                                                                                                         |
| Video Analytics                                                            |                                  | Motion Detection, Tampering Alarm, Intrusion, Human Body Detection                                                                                                                                         |

|                         |               |                                                                                                                                                                                                                                                                                                     |
|-------------------------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Image Setting           |               | Brightness, Contrast, Saturation, Sharpness, Flicker-less, 3D Noise Reduction, Image Orientation (Flip, Mirror, 0°, 180°), Exposure Mode, Shutter Speed, Gain Control, Slow Shutter, Backlight Compensation (BLC), Metering Control, D/N Sensitivity, WDR, Smart Illumination, White Balance, Defog |
| Audio Compression       |               | G.711                                                                                                                                                                                                                                                                                               |
| Audio Support           |               | Two-way Audio (external microphone and speaker required)                                                                                                                                                                                                                                            |
| Digital I/O             | Input         | 1 Input, dry contact, NO / NC                                                                                                                                                                                                                                                                       |
|                         | Output        | 1 Relay Output (1A 30V DC / 0.3A 125V AC)                                                                                                                                                                                                                                                           |
| <b>Network</b>          |               |                                                                                                                                                                                                                                                                                                     |
| Interface               |               | 10/100 Ethernet                                                                                                                                                                                                                                                                                     |
| Protocol                |               | ARP, DHCP, DDNS, DNS, DynDNS, FTP, HTTP, HTTPS, ICMP, IGMP, IPv4, NTP, PPPoE, QoS, RTCP, RTP, RTSP, SMTP, TCP, UDP, UPnP, ONVIF (Profile G, S)                                                                                                                                                      |
| <b>Mechanical</b>       |               |                                                                                                                                                                                                                                                                                                     |
| Camera Angle Adjustment | Pan           | 0 ~ 360°                                                                                                                                                                                                                                                                                            |
|                         | Tilt          | 0 ~ 120°                                                                                                                                                                                                                                                                                            |
|                         | Rotate        | 0 ~ 360°                                                                                                                                                                                                                                                                                            |
| Connectors              | Power         | DC Jack, PoE                                                                                                                                                                                                                                                                                        |
|                         | Ethernet      | RJ-45                                                                                                                                                                                                                                                                                               |
|                         | Audio         | 1 in (Audio In Wire); 1 out (Audio Out Wire)<br>*The Audio In port only supports microphones with power supply                                                                                                                                                                                      |
|                         | Digital I/O   | 4-pin terminal block pitch 3.5 mm (0.14")                                                                                                                                                                                                                                                           |
|                         | Local Storage | Micro SD card slot (SD / SDHC / SDXC / UHS-I, Class 10)<br>* UHS-II card type is not supported.                                                                                                                                                                                                     |
| <b>General</b>          |               |                                                                                                                                                                                                                                                                                                     |
| Operating Temperature   |               | -30 ~ 60°C (-22 ~ 140°F)                                                                                                                                                                                                                                                                            |
| Humidity                |               | 0 ~ 95% (no condensation)                                                                                                                                                                                                                                                                           |
| Power Source            |               | 12 V DC / PoE (IEEE802.3af)                                                                                                                                                                                                                                                                         |
| Max. Power Consumption  |               | 9.5 W                                                                                                                                                                                                                                                                                               |
| Dimensions              |               | 244 × 96 × 74 mm (9.6" × 3.8" × 2.9")                                                                                                                                                                                                                                                               |
| Weight                  |               | 1.0 kg (2.2 lb)                                                                                                                                                                                                                                                                                     |
| Ingress Protection      |               | IP67                                                                                                                                                                                                                                                                                                |
| Vandal Resistance       |               | IK10 for metal casing                                                                                                                                                                                                                                                                               |
| Certification           |               | CE, FCC, RoHS, UL compliant                                                                                                                                                                                                                                                                         |
| <b>Web Interface</b>    |               |                                                                                                                                                                                                                                                                                                     |
| Installation Management |               | Web-based configuration                                                                                                                                                                                                                                                                             |
| Maintenance             |               | Firmware upgrade through Web Browser or Utility                                                                                                                                                                                                                                                     |
| Access from Web Browser |               | Live View, Video Recording, Change Video Quality, Bandwidth Control, Image Snapshot, Text Overlay, Image Masking                                                                                                                                                                                    |
| Language                |               | Czech, English, French, German, Hungarian, Italian, Japanese, Polish, Portuguese, Russian, Spanish, Traditional Chinese                                                                                                                                                                             |
| <b>Applications</b>     |               |                                                                                                                                                                                                                                                                                                     |
| Software Supported      |               | GV-VMS (V17.3.0 / V18.1.1), GV-DVR / NVR (V8.8), GV-Control Center (V3.7.0), GV-Recording Server / Video Gateway (V1.4.2), GV-Edge Recording Manager Win version (V1.4.0), GV-Redundant / Failover Server (V1.1.0.0)<br>*It is required to apply patch files to all the supported software.         |
| Smart Device Access     |               | GV-Eye for iOS and Android                                                                                                                                                                                                                                                                          |
| Live Viewing            |               | Internet Explorer, Non-IE browser (Chrome, Edge, Firefox, Safari), Mobile App<br>*The non-IE browsers only support displaying live view with H.264.                                                                                                                                                 |

**Note:**

1. Do not use clothes or any ordinary material to clean the camera cover since they may result in scratches.
2. Specifications are subject to change without notice.

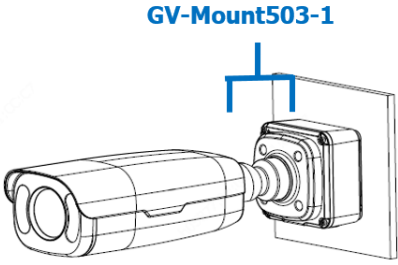
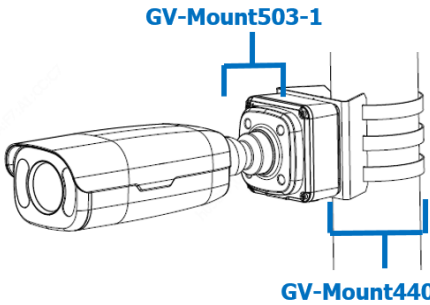
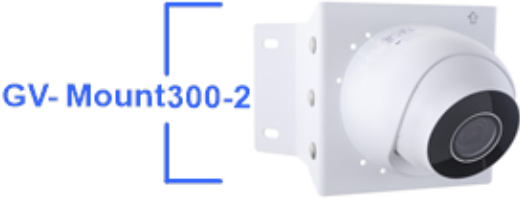
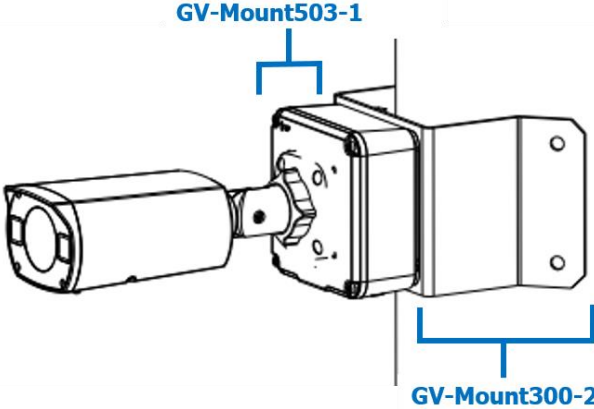
**Packing List**

- |                          |                          |
|--------------------------|--------------------------|
| 1. Bullet IP Camera      | 4. Drill Template Paster |
| 2. Waterproof Rubber Set | 5. Download Guide        |
| 3. Screw Kit             | 6. Warranty Card         |

## Accessories

| Model No.                                                               | Name                                                                                                                                                                                |                                                                                     | Details                                                                                                                                        |
|-------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| GV-Mount300-2                                                           | Convex Corner Mount                                                                                                                                                                 |    | Dimensions: 137 x 233 x 160 mm<br>(5.4" x 9.17" x 6.3")<br>Weight: 1.65 kg (3.64 lb)                                                           |
| GV-Mount310-2                                                           | Concave Corner Mount                                                                                                                                                                |    | Dimensions: 111.2 x 369.9 x 210 mm<br>(2.6" x 11.4" x 6.6")<br>Weight: 1.65 kg (3.64 lb)                                                       |
| GV-Mount420<br>(must be used with<br>GV-Mount503)                       | Pole Mount Bracket                                                                                                                                                                  |    | Dimensions: Ø 120 x 120 x 53.4 mm<br>(Ø 4.7 x 4.7 x 2.1")<br>Weight: 0.45 kg (0.99 lb)<br>Steel Strap Diameter: Ø 67 ~ 127 mm<br>(Ø 2.6" ~ 5") |
| GV-Mount440-1<br>(must be used with<br>GV-Mount503 or<br>GV-Mount503-1) | Pole Mount Bracket                                                                                                                                                                  |    | Dimensions: 136 x 127 x 63.6 mm<br>(5.4" x 5.0" x 2.5")<br>Weight: 0.34 kg (0.75 lb)<br>Steel Strap Diameter: Ø 67 ~ 127 mm<br>(Ø 2.6" ~ 5")   |
| GV-Mount503                                                             | Wall Mount Bracket                                                                                                                                                                  |   | Dimensions: 125 x 125 x 55 mm<br>(4.9 x 4.9 x 2.2")<br>Weight: 0.74 kg (1.63 lb)                                                               |
| GV-Mount503-1                                                           | Wall Mount Bracket                                                                                                                                                                  |  | Dimensions: 124.9 x 127.9 x 57 mm<br>(4.9" x 5.0" x 2.2")<br>Weight: 0.58 kg (1.28 lb)                                                         |
| GV-PA301                                                                | Gigabit PoE Adapter                                                                                                                                                                 |  | GV-PA301 is a Gigabit Power over Ethernet (PoE) adapter.                                                                                       |
| GV-POE Switch                                                           | 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 numers and types of ports. |                                                                                     |                                                                                                                                                |
| Power Adapter                                                           | Contact our sales representatives for the countries and areas supported.                                                                                                            |                                                                                     |                                                                                                                                                |

## Mounting Type

| Wall Bracket Mount                                                                                                             | Pole Mount                                                                                                                   |
|--------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| GV-Mount503-1                                                                                                                  | GV-Mount503-1 + GV-Mount440-1                                                                                                |
|  <p>GV-Mount503-1</p>                         |  <p>GV-Mount503-1</p> <p>GV-Mount440-1</p> |
| Convex Corner Mount                                                                                                            | Concave Corner Mount                                                                                                         |
| GV-Mount300-2                                                                                                                  | GV-Mount310-2                                                                                                                |
|  <p>GV-Mount300-2</p>                         |  <p>GV-Mount310-2</p>                      |
| Convex / Concave Corner Mount                                                                                                  |                                                                                                                              |
| GV-Mount503 / 503-1 + GV-Mount300-2 / 310-2                                                                                    |                                                                                                                              |
|  <p>GV-Mount503-1</p> <p>GV-Mount300-2</p> |                                                                                                                              |