

## GV-VD5711 5MP H.265 2x Zoom Low Lux WDR IR Vandal Proof IP Dome



- 1/1.8" progressive scan low lux CMOS
- Dual streams from H.265, H.264 and MJPEG
- Up to 30 fps at 2592 x 1944
- Vandal resistance (IK10+)
- Ingress protection (IP67)
- Motorized varifocal lens for remote focus/zoom adjustment
- P-Iris for auto Iris adjustment
- 3-axis mechanism (pan / tilt / roll)
- Removable IR-cut filter for Day/Night function
- High power IR LEDs
- Intelligent IR
- IR distance up to 30 m (98.4 ft)
- External microphone
- Two-way audio
- One sensor input and alarm output
- TV-out support
- Built-in micro SD card slot (SD/SDHC/SDXC/UHS-I) for local storage
- Recording assigned by GV-Edge Recording Manager  
([Windows](#) & [Mac](#) version)
- DC 12V / AC 24V / PoE+ (IEEE 802.3at)
- Wide Dynamic Range (WDR)
- 3D noise reduction
- Smart streaming
- Defog
- Motion detection
- Tampering alarm
- Privacy mask
- Text overlay
- IP address filtering
- Supports iPhone, iPad, Android & 3GPP
- 31 languages on Web interface
- ONVIF (Profile S) conformant

\* No Memory card slot & local storage function for Argentina.

\* Smart streaming requires either GV-DVR / NVR V8.7.0 or GV-VMS V16.10.3.0

### Active Tampering Alarm

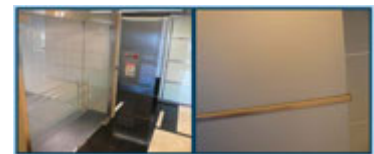
Tampered



Focus Change



Camera Shift



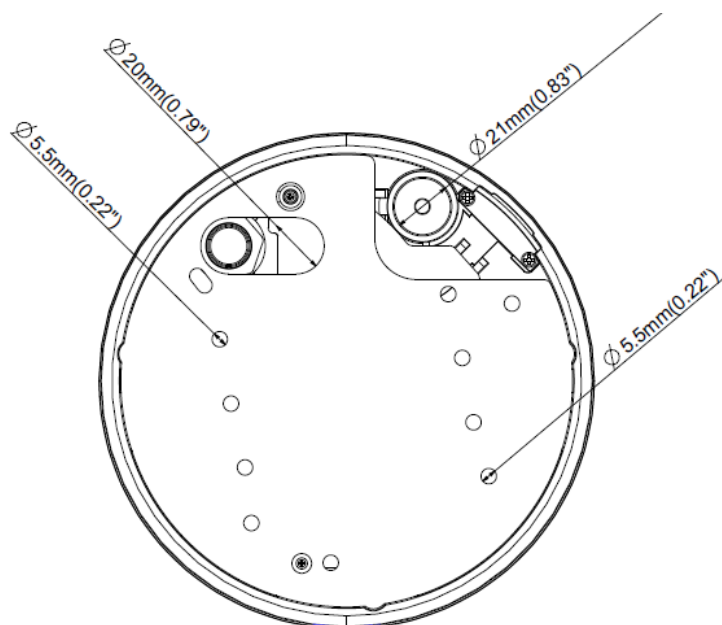
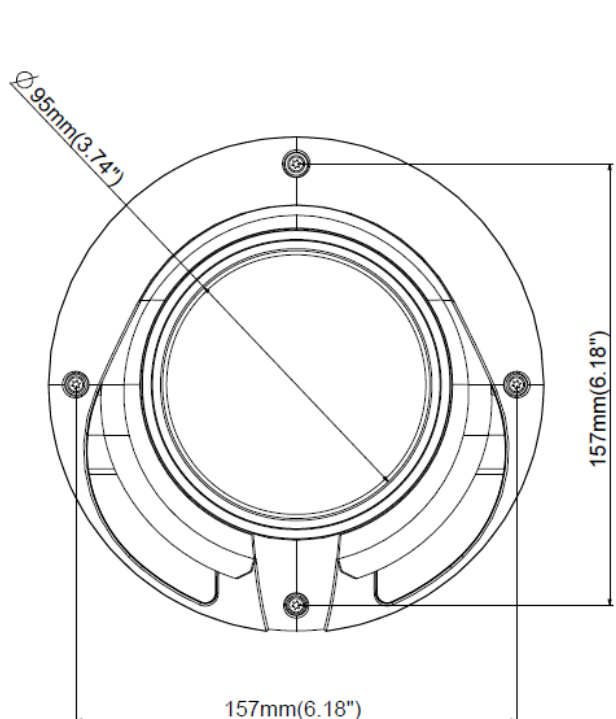
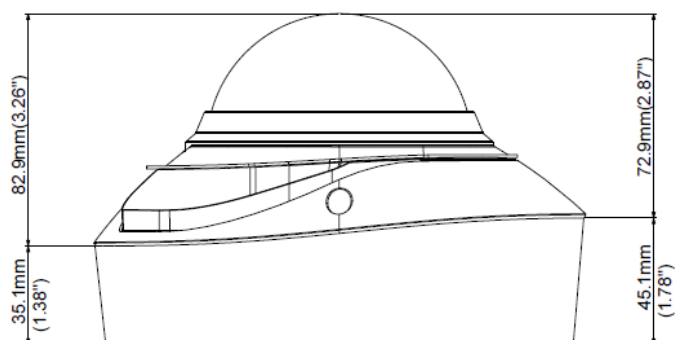
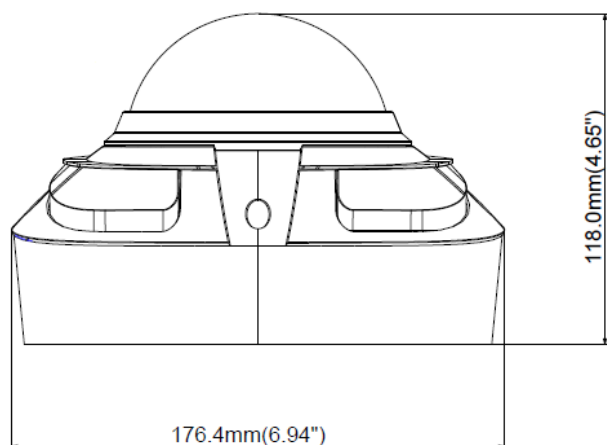
### Introduction

GV-VD5711 is an outdoor camera designed with IK10+ vandal resistance and IP67 ingress protection. With its motorized varifocal lens, the user can zoom and focus the camera from the Web interface. The night vision is enhanced with its high-power LEDs with up to 30 m (98.4 ft) effective distance. GV-VD5711 supports H.265 video codec to achieve better compression ratio while maintaining high quality pictures at reduced network bandwidths.

## Overview



## Dimensions



## Specifications

| Camera                     |          |                                                                                                                                                                                                       |
|----------------------------|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Image Sensor               |          | 1/1.8" progressive scan CMOS                                                                                                                                                                          |
| Picture Elements           |          | 2592 (H) x 1944 (V)                                                                                                                                                                                   |
| Minimum Illumination       | Color    | 0.04 Lux                                                                                                                                                                                              |
|                            | B/W      | 0.03 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                  |          | 46 dB                                                                                                                                                                                                 |
| WDR                        |          | Yes                                                                                                                                                                                                   |
| Dynamic Range              |          | 72 dB                                                                                                                                                                                                 |
| Lens                       |          |                                                                                                                                                                                                       |
| Megapixel                  |          | 5 MP                                                                                                                                                                                                  |
| Day / Night                |          | Yes (with removable IR-cut filter)                                                                                                                                                                    |
| Lens Type                  |          | Motorized varifocal lens                                                                                                                                                                              |
| Focal Length               |          | 4 ~ 8 mm                                                                                                                                                                                              |
| Maximum Aperture           |          | F/1.65                                                                                                                                                                                                |
| Mount                      |          | Ø 14 mm                                                                                                                                                                                               |
| Image Format               |          | 1/1.8"                                                                                                                                                                                                |
| Horizontal FOV             |          | 90° ~ 48°                                                                                                                                                                                             |
| Operation                  | Focus    | Auto focus                                                                                                                                                                                            |
|                            | Zoom     | 2x optical zoom                                                                                                                                                                                       |
|                            | Iris     | P-Iris                                                                                                                                                                                                |
| High Power IR LED Quantity |          | 6 IR LEDs                                                                                                                                                                                             |
| Max. IR Distance           |          | 30 m (98.4 ft)                                                                                                                                                                                        |
| Operation                  |          |                                                                                                                                                                                                       |
| Video Compression          |          | H.265, H.264, MJPEG                                                                                                                                                                                   |
| Video Stream               | Stream 1 | H.265 and H.264                                                                                                                                                                                       |
|                            | Stream 2 | H.265, H.264, and MJPEG                                                                                                                                                                               |
| Frame Rate                 |          | 50Hz: 25 fps at 2592 x 1944, 25 fps at 2592 x 1520<br>60Hz: 30 fps at 2592 x 1944, 30 fps at 2592 x 1520<br>* The frame rate and performance may vary depending on the number of connections and data |
| Image Setting              |          | Brightness, Contrast, Sharpness, Gamma, White Balance, Flicker-less, Image Orientation, Backlight Compensation, D/N Sensitivity, Shutter Speed, WDR, Defog, Zoom, Focus Change, Denoise, Metering     |
| Audio Compression          |          | G.711                                                                                                                                                                                                 |
| Audio Support              |          | Two-way audio                                                                                                                                                                                         |
| Sensor Input               |          | 1 Input (dry contact)                                                                                                                                                                                 |
| Alarm Output               |          | 1 Output (200 mA 5V DC)                                                                                                                                                                               |
| Video Resolution           |          |                                                                                                                                                                                                       |
| Main Stream                | 4:3      | 2592 x 1944 (Default), 2048 x 1536, 1600 x 1200, 1280 x 960, 640 x 480                                                                                                                                |
|                            | 16:9     | 2592 x 1520, 2304 x 1296, 1920 x 1080, 1280 x 720, 640 x 360                                                                                                                                          |
|                            | 5:4      | 1280 x 1024, 640 x 512                                                                                                                                                                                |
| Sub Stream                 | 4:3      | 1024 x 768, 640 x 480 (Default), 320 x 240                                                                                                                                                            |
|                            | 16:9     | 1280 x 720, 640 x 360, 448 x 256                                                                                                                                                                      |
|                            | 5:4      | 1280 x 1024, 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, SNMP, QoS (DSCP), ONVIF (Profile S)                                                                                       |

| Mechanical              |               |                                                                                                                                                                                                                                                                                                                                                  |
|-------------------------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Temperature Detector    |               | Yes                                                                                                                                                                                                                                                                                                                                              |
| Camera Angle Adjustment | Pan           | -90° ~ 90°                                                                                                                                                                                                                                                                                                                                       |
|                         | Tilt          | 0° ~ 85°                                                                                                                                                                                                                                                                                                                                         |
|                         | Rotate        | 0° ~ 350°                                                                                                                                                                                                                                                                                                                                        |
| Connectors              | Power         | 2-pin terminal block (DC 12V, 3.5A), PoE                                                                                                                                                                                                                                                                                                         |
|                         | Ethernet      | Ethernet (10/100 Base-T), RJ-45 cable                                                                                                                                                                                                                                                                                                            |
|                         | Audio         | 1 In (3.5mm phone jack for microphone)<br>1 Out (3.5mm phone jack for speaker)                                                                                                                                                                                                                                                                   |
|                         | Digital I/O   | 3-pin terminal block, pitch 2.5 mm (0.1")                                                                                                                                                                                                                                                                                                        |
|                         | Local Storage | Micro SD card slot (SD/SDHC/SDXC/UHS-I, Class 10)<br>*UHS-II card type is not supported.                                                                                                                                                                                                                                                         |
|                         | TV-Out        | BNC connector (D1 resolution)                                                                                                                                                                                                                                                                                                                    |
| LED Indicator           |               | 2 LEDs: Power, Status                                                                                                                                                                                                                                                                                                                            |
| General                 |               |                                                                                                                                                                                                                                                                                                                                                  |
| Environment Temperature | Start-up      | -20°C ~ 50°C (-4°F ~ 122°F)                                                                                                                                                                                                                                                                                                                      |
|                         | Operation     |                                                                                                                                                                                                                                                                                                                                                  |
| Humidity                |               | 10% to 90% (no condensation)                                                                                                                                                                                                                                                                                                                     |
| Power Source            |               | 12V DC / 24V AC / PoE+ (IEEE 802.3at)                                                                                                                                                                                                                                                                                                            |
| Max. Power Consumption  |               | 25.5 W                                                                                                                                                                                                                                                                                                                                           |
| Dimensions              | Camera Body   | Ø 176.5 x 118 mm (Ø 6.9" x 4.6")                                                                                                                                                                                                                                                                                                                 |
| Weight                  |               | 1.83 kg (4.03 lb)                                                                                                                                                                                                                                                                                                                                |
| Ingress Protection      |               | IP67                                                                                                                                                                                                                                                                                                                                             |
| Vandal Resistance       |               | IK10+                                                                                                                                                                                                                                                                                                                                            |
| Regulatory              |               | CE, FCC, RCM, LVD, RoHS compliant                                                                                                                                                                                                                                                                                                                |
| Power over Ethernet     |               |                                                                                                                                                                                                                                                                                                                                                  |
| PoE Standard            |               | PoE+ (IEEE 802.3at Power over Ethernet / PD)                                                                                                                                                                                                                                                                                                     |
| PoE Power Supply Type   |               | End-Span and Mid-Span                                                                                                                                                                                                                                                                                                                            |
| PoE Power Output        |               | Per Port 48V DC, 600 mA, Max. 30 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, audio, Wide Angle Lens Dewarping, Picture in Picture, Picture and Picture, Privacy Mask, Visual automation, Text overlay                                                                                                                             |
| 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 |
| Applications            |               |                                                                                                                                                                                                                                                                                                                                                  |
| Software Supported      |               | GV-DVR / NVR (V8.7.1.0), GV-VMS (V15.11.1.0), GV-Edge Recording Manager (V1.2.0.0), GV-Center V2 (V15.10.0.0), GV-Recording Server (V1.3.0.0), GV-Redundant / Failover Server (V1.1.0.0)                                                                                                                                                         |
| Smart Device Access     |               | GV-Eye for iOS and Android                                                                                                                                                                                                                                                                                                                       |
| Live Viewing            |               | Browser (IE, Chrome, Firefox, Safari), Mobile app                                                                                                                                                                                                                                                                                                |
| CMS Server support      |               | GV-Control Center, GV-Center V2, GV-Vital Sign Monitor                                                                                                                                                                                                                                                                                           |

#### Note:

1. It is required to apply patch files to all the supported software.
2. Do not use clothes or any ordinary material to clean the camera cover since they may result in scratches.
3. Mind the following when using a memory card for recording:
  - Recorded data on the memory card can be damaged or lost if the data are accessed while the camera is under physical shock, power interruption, memory card detachment or when the memory card reaches the end of its lifespan. No guarantee is provided for such causes.
  - The stored data can be lost if the memory card is not accessed for a long period of time. Back up your data periodically if you seldom access the memory card.

- Memory cards are expendable and their durability varies according to the conditions of the installed site and how they are used. Back up your data regularly and replace the memory card annually.
- To avoid power outage, it is highly suggested to apply a battery backup (UPS).
- For better performance, it is highly suggested to use Micro SD card of MLC NAND flash, Class 10.
- Replace the memory card when its read/write speed is lower than 6 MB/s or when the memory card is frequently undetected by the camera.

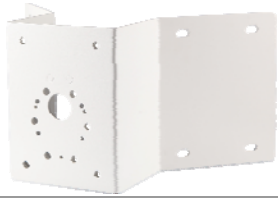
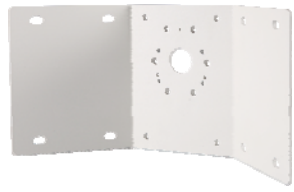
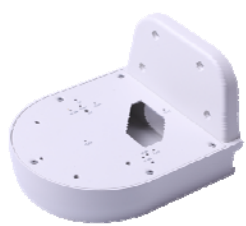
4. Specifications are subject to change without notice.

### Packing List

- |                         |                                  |
|-------------------------|----------------------------------|
| 1. Vandal Proof IP Dome | 11. Long Screw x 4               |
| 2. Torx Wrench          | 12. Flat Screw                   |
| 3. 3-Pin Terminal Block | 13. Short Screw                  |
| 4. Safety Wire          | 14. Silica Gel Bag               |
| 5. Audio Wires x 2      | 15. Sticker (for Silica Gel Bag) |
| 6. TV Out Wire          | 16. Ruler                        |
| 7. RJ-45 Connector x 2  | 17. Conduit Converter            |
| 8. Back Plate 1 set     | 18. PG21 Conduit Connector       |
| 9. Installation Sticker | 19. Download Guide               |
| 10. Screw Anchor x 4    | 20. Warranty Card                |

### Accessories

| Model No.   | Name                                   |                                                                                     | Details                                                                                    |
|-------------|----------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| GV-Mount100 | Straight Tube and Junction Box Kit     |   | Dimensions: 200 x 170 x 257.5 mm (7.9" x 6.7" x 10.1")<br>Weight: 3.17 kg (6.99 lb)        |
| GV-Mount101 | Straight Tube Kit                      |  | Dimensions: 219 x 125 x 332 mm (8.6" x 4.9" x 13.1")<br>Weight: 1.8 kg (3.97 lb)           |
| GV-Mount200 | Wall Pendant Tube                      |  | Dimensions: 225 x 140 x 250 mm (8.9" x 5.5" x 9.8")<br>Weight: 900 g (1.98 lb)             |
| GV-Mount203 | Wall Pendant Tube and Junction Box Kit |  | Dimensions: 315 x 195.5 x 225 mm (12.4" x 7.7" x 8.9")<br>Weight: 2.95 kg (6.5 lb)         |
| GV-Mount206 | Wall Mount Bracket Kit                 |  | Dimensions: 126.5 x 211.3 x Ø 176.85 mm (5" x 8.3" x Ø 6.96")<br>Weight: 0.93 kg / 2.06 lb |

| 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: 123.3 x 393.1 mm (4.9" x 15.5")<br>Weight: 2.96 kg (6.53 lb)                                                                                                                                              |
| GV-Mount400 | Pole Mount Bracket Kit (Ø 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: Ø 4" ~ 6"                                                                                                    |
| GV-Mount410 | Pole Mount Bracket Kit (Ø 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: Ø 6" ~ 7.5"                                                                                                  |
| GV-Mount702 | Extension Tube                       |                | Four options are available.<br>Dimensions:<br>Ø 5.4 x 10 or 20 or 30 or 50 cm<br>(Ø 2.1" x 3.9" or 7.9" or 11.8" or 19.7")<br>Weight:<br>180 g or 390 g or 550 g or 800 g<br>(0.4 lb or 0.86 lb or 1.21lb or 1.76 lb) |
| GV-Mount900 | Wall Mount Bracket                   |                | Dimensions: 154 x 108 x 50 mm (6.1" x 4.3" x 2")<br>Weight: 240 g (0.53 lb)                                                                                                                                           |
| GV-Mount903 | GV-VD Series Dome Housing            |                | Dimensions: Ø 186 x 97.5 mm (Ø 7.3" x 3.8")<br>Weight: 600 g (1.32 lb)                                                                                                                                                |
| GV-Mount909 | Wall Mount Bracket                   |                | Dimensions: 170 x 150 x 110 mm (6.7" x 5.9" x 4.3")<br>Weight: 610 g (1.34 lb)                                                                                                                                        |



| Model No.     | Name                |                                                                                   | Details                                                                                                                                                                                                        |
|---------------|---------------------|-----------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| GV-Mount914   | In-Ceiling Mount    |  | Dimensions: Ø 222 x 86 mm (Ø 8.74" x 3.39")<br>Weight: 705 g (1.55 lb)                                                                                                                                         |
| Metal PG21    | Conduit Connector   |  | The metal PG21 conduit connector allows you to run the wires through a 3 / 4" conduit pipe.                                                                                                                    |
| 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. |
|               | Weatherproof Shield |  | The weatherproof shield protects the camera from rain and snow.                                                                                                                                                |
| 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.                       |
| Power Adapter |                     |                                                                                   | Contact our sales representatives for the countries and areas supported.                                                                                                                                       |