

## GV-VD1530 1.3MP H.264 Super Low Lux WDR IR Vandal Proof IP Dome



- 1/3" progressive scan super low lux CMOS
- Minimum illumination at 0.01 lux
- Dual streams from H.264 and MJPEG
- Up to 30 fps at 1280 x 1024
- Vandal resistance (IK10+)
- Ingress protection (IP67)
- Varifocal megapixel lens
- 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
- 2-way audio
- One sensor input and alarm output
- TV-out support
- Built-in micro SD card slot (SD/SDHC) for local storage
- DC12V / AC24V / PoE
- Wide Dynamic Range (WDR)
- 3D DNR (Digital Noise Reduction)
- Defog
- Motion detection
- Tampering alarm
- Privacy mask
- IP address filtering
- Supports iPhone, iPad, Android & 3GPP
- 31 languages on Web interface
- ONVIF (Profile S) conformant

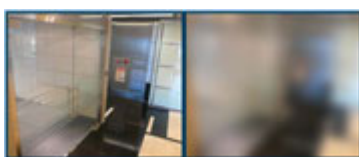
\*No Memory card slot & local storage function for Argentina.

### Active Tampering Alarm

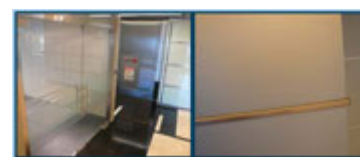
Tampered



Focus Change



Camera Shift



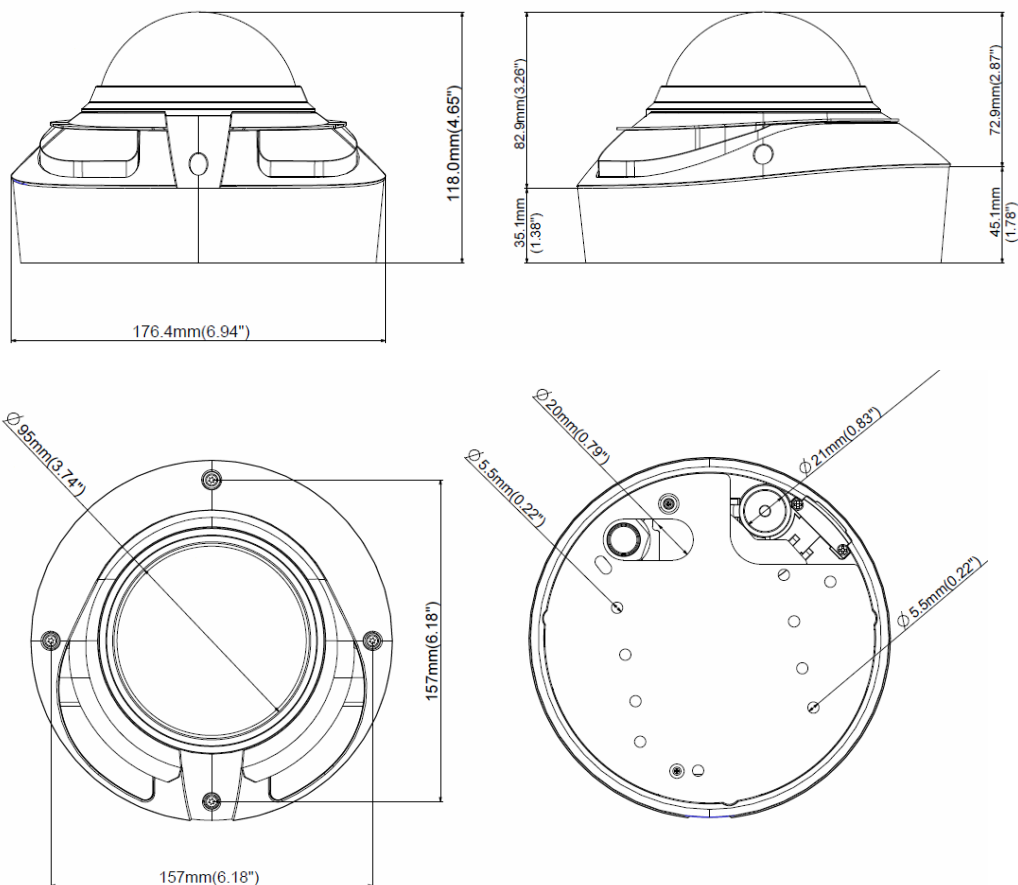
### Introduction

GV-VD1530 is an outdoor camera designed with IK10+ vandal resistance and IP67 ingress protection. The camera is equipped with a super low lux CMOS image sensor with which the camera is capable of providing a color live view in near darkness. The camera's night vision is further enhanced with its high power LEDs with up to 30 m (98.4 ft.) effective distance.

## Overview



## Dimensions



## Specifications

| Camera                           |          |                                                                                                                                                                                       |
|----------------------------------|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Image Sensor                     |          | 1/3" progressive scan super low lux CMOS                                                                                                                                              |
| Picture Elements                 |          | 1280 (H) x 1024 (V)                                                                                                                                                                   |
| Minimum Illumination             | Color    | 0.01 Lux                                                                                                                                                                              |
|                                  | B/W      |                                                                                                                                                                                       |
|                                  | 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                                                                                                                                                                                   |
| Day / Night                      |          | Yes (with removable IR-cut filter)                                                                                                                                                    |
| Lens Type                        |          | Varifocal                                                                                                                                                                             |
| Focal Length                     |          | 3 ~ 9 mm                                                                                                                                                                              |
| Maximum Aperture                 |          | F/1.2                                                                                                                                                                                 |
| Mount                            |          | Ø 14 mm                                                                                                                                                                               |
| Image Format                     |          | 1/2.7"                                                                                                                                                                                |
| Horizontal FOV                   |          | 90°~32°                                                                                                                                                                               |
| Operation                        | Focus    | Manual (w / lock)                                                                                                                                                                     |
|                                  | Zoom     | Manual (w / lock)                                                                                                                                                                     |
|                                  | Iris     | DC drive                                                                                                                                                                              |
| Max. Torque (Focus/ Zoom Screws) |          | 0.049 N.m                                                                                                                                                                             |
| High Power IR LED Quantity       |          | 6 IR LEDs                                                                                                                                                                             |
| Max. IR Distance                 |          | 30 m (98.4 ft.)                                                                                                                                                                       |
| Operation                        |          |                                                                                                                                                                                       |
| Video Compression                |          | H.264, MJPEG                                                                                                                                                                          |
| Video Stream                     |          | Dual streams from H.264 and 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, Backlight Compensation, D/N Sensitivity, Shutter Speed, WDR, Defog, Super Low Lux |
| Audio Compression                |          | G.711, AAC (optional)                                                                                                                                                                 |
| Audio Support                    |          | Two-Way Audio                                                                                                                                                                         |
| Sensor Input                     |          | 1 Input (Dry Contact)                                                                                                                                                                 |
| Alarm Output                     |          | 1 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                        |          | 10/100M Ethernet                                                                                                                                                                      |
| 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      | -90° ~ 90°                                                                                                                                                                            |
|                                  | Tilt     | 0° ~ 85°                                                                                                                                                                              |
|                                  | Rotate   | 0° ~ 350°                                                                                                                                                                             |
| Connectors                       | Power    | 2-pin terminal block, PoE                                                                                                                                                             |
|                                  | Ethernet | Ethernet (10/100 Base-T), RJ-45 cable                                                                                                                                                 |

|               |               |                                                                                                                             |
|---------------|---------------|-----------------------------------------------------------------------------------------------------------------------------|
| Connectors    | 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, SD version 2.0 only, Class 10)<br>* <b>SDXC</b> and <b>UHS-I</b> card types are not supported. |
|               | TV-Out        | BNC connector (640 x 480 resolution)                                                                                        |
| LED Indicator |               | 2 LEDs: Power, Status                                                                                                       |

|                            |             |                                 |
|----------------------------|-------------|---------------------------------|
| <b>General</b>             |             |                                 |
| Environment<br>Temperature | Start-up    | -20 °C ~ 50 °C (-4 °F ~ 122 °F) |
|                            | Operation   | -30°C ~ 50°C (-22°F ~ 122°F)    |
| Humidity                   |             | 10% to 90% (no condensation)    |
| Power Source               |             | 12V DC / 24V AC / PoE+ 802.3at  |
| Max. Power Consumption     |             | 15.4 W                          |
| Dimensions                 | Camera Body | ø 176.5 x 118 mm (6.9" x 4.6")  |
| Weight                     |             | 1.76 kg (3.88 lb)               |
| Ingress Protection         |             | IP67                            |
| Vandal Resistance          |             | IK10+                           |
| Regulatory                 |             | CE, FCC, RCM, RoHS compliant    |

|                            |                                       |
|----------------------------|---------------------------------------|
| <b>Power over Ethernet</b> |                                       |
| PoE Standard               | IEEE 802.3at Power over Ethernet / PD |
| PoE Power Supply Type      | End-Span                              |
| PoE Power Output           | Per Port 48V DC, 600mA. Max. 30 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>Applications</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:**

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. Vandal Proof IP Dome | 12. Flat Screw                       |
| 2. Torx Wrench          | 13. Short Screw x 2                  |
| 3. 3-Pin Terminal Block | 14. Silica Gel Bag                   |
| 4. Audio Wires          | 15. Sticker (for Silica Gel Bag)     |
| 5. Power Adapter        | 16. Ruler                            |
| 6. TV Out Wire          | 17. Conduit Converter                |
| 7. RJ-45 Connector x 2  | 18. GV-IPCAM H.264 Software CD       |
| 8. Back Plate           | 19. GV-IPCAM H.264 Quick Start Guide |
| 9. Installation Sticker | 20. GV-NVR Software DVD              |
| 10. Screw Anchor x 4    | 21. GV-NVR Quick Start Guide         |
| 11. Long Screw x 4      |                                      |

## Accessories

| Model No.   | Name                                      |                                                                                     | Details                                                                                                            |
|-------------|-------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|
| GV-Mount100 | Straight Tube and Junction<br>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<br>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-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<br>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>(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" |

| Model No.     | Name                                                                                                                                                                                            |                                                                                     | Details                                                                                                                                                                                                                                        |
|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| GV-Mount410   | Pole Mount Bracket Kit<br>(Ø 6" ~ 7.5")                                                                                                                                                         |    | <p>Dimensions</p> <p>Bracket: 241 x 161 mm (9.5" x 6.3")</p> <p>Weight: 1.70 Kg (3.75 lb)</p> <p>Steel Strap Diameter: Ø 6" ~ 7.5"</p>                                                                                                         |
| GV-Mount702   | Extension Tube                                                                                                                                                                                  |    | <p>Four options are available.</p> <p>Dimensions:</p> <p>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")</p> <p>Weight:</p> <p>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)</p> |
| GV-Mount900   | Wall Mount Bracket                                                                                                                                                                              |    | <p>Dimensions: 154 x 108 x 50 mm (6.1" x 4.3" x 2")</p> <p>Weight: 240 g (0.53 lb)</p>                                                                                                                                                         |
| GV-Mount909   | Wall Mount Bracket                                                                                                                                                                              |  | <p>Dimensions: 170 x 150 x 110 mm (6.7" x 5.9" x 4.3")</p> <p>Weight: 610 g (1.34 lb)</p>                                                                                                                                                      |
| GV-Mount901   | GV-VD Series Dome Housing                                                                                                                                                                       |  | <p>Dimensions: Ø 186 x 97.5 mm (Ø 7.3" x 3.8")</p> <p>Weight: 600 g (1.32 lb)</p>                                                                                                                                                              |
| GV-PA191      | Power over Ethernet (PoE) Adapter                                                                                                                                                               |  | <p>The GV-PA191 is a Power over Ethernet (PoE) adapter designed to provide power to the IP device through a single Ethernet cable.</p>                                                                                                         |
| GV-Relay V2   | GV-Relay V2                                                                                                                                                                                     |  | <p>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.</p>                          |
| Power Adapter | <p>Power adapters are available in 6 regions: Argentina, Australia, Brazil, Europe, U.K and U.S.</p> <p>*This item does not include a power cord.</p>                                           |                                                                                     |                                                                                                                                                                                                                                                |
| GV-POE Switch | <p>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.</p> |                                                                                     |                                                                                                                                                                                                                                                |