

## GV-AVD4710 4MP H.265 4.3x Zoom Low Lux WDR Pro IR Vandal Proof IP Dome



- 1/3" progressive scan low lux CMOS
- Min. illumination at 0.02 lux
- Triple streams from H.265, H.264 and MJPEG
- Up to 20 fps at 2592 x 1520, 25 fps at 2560 x 1440 and 30 fps at 2048 x 1520
- Motorized varifocal lens for remote focus / zoom adjustment
- Intelligent IR
- IR distance up to 30 m (98.4 ft)
- Day and Night function (with removable IR-cut filter)
- Vandal resistance (IK10 for metal casing)
- Ingress protection (IP67)
- 3-axis mechanism (pan / tilt / rotate)
- DC 12V / PoE (IEEE 802.3af)
- Built-in micro SD card slot (SD / SDHC / SDXC / UHS-I, Class 10) for local storage
- Two-way audio
- Wide Dynamic Range Pro (WDR Pro)
- Defog
- 3D noise reduction
- Motion detection
- Text overlay
- Privacy mask
- Tampering Alarm
- ONVIF (Profile S) conformant

### Introduction

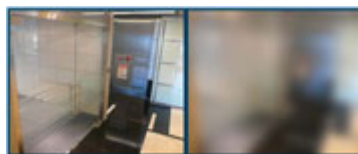
The Vandal Proof IP Dome is an outdoor camera designed with IK10 vandal resistance and IP67 ingress protection. GV-AVD4710 supports H.265 video codec to achieve better compression ratio while maintaining high quality pictures at reduced network bandwidths. The camera is equipped with an automatic IR-cut filter and IR LEDs for day and night surveillance. Adjustable in 3 axis (pan, tilt and rotate), it offers an entry-level surveillance solution with all the essential features and excellent image quality.

### Active Tampering Alarm

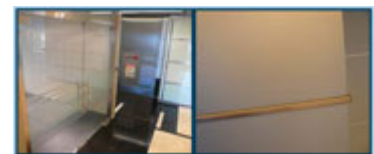
Tampered



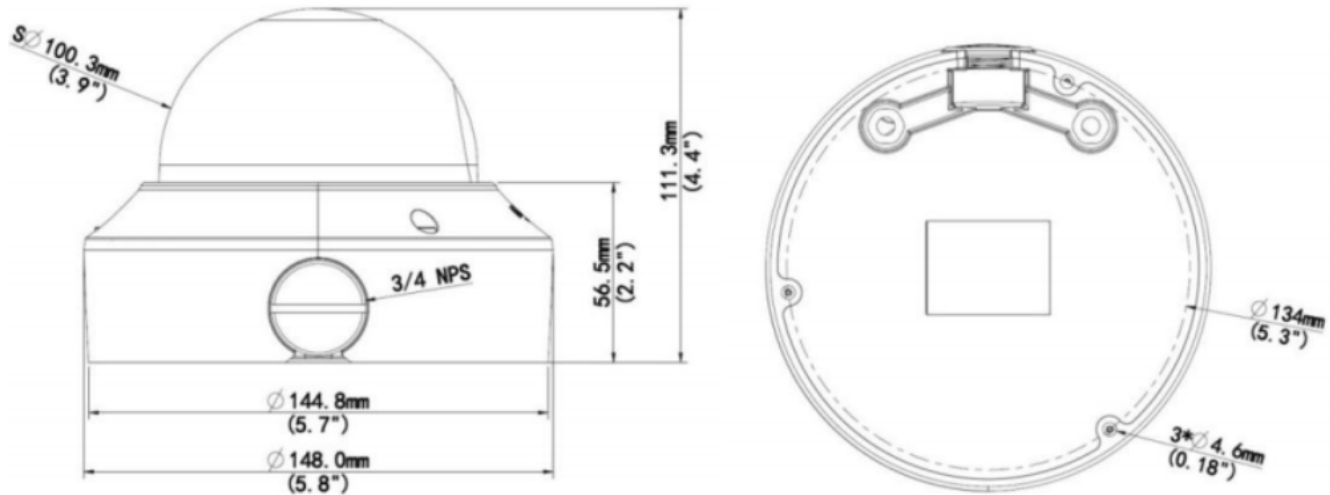
Focus Change



Camera Shift



## Dimensions



## Specifications

| Camera               |                                                                                                                                                                                                                |                    |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|
| Image Sensor         | 1/3" progressive scan low lux CMOS                                                                                                                                                                             |                    |
| Picture Elements     | 2592(H) x 1520 (V)                                                                                                                                                                                             |                    |
| Minimum Illumination | Color                                                                                                                                                                                                          | 0.02 Lux           |
|                      | IR On                                                                                                                                                                                                          | 0 Lux              |
| Shutter Speed        | Automatic, Manual (1/6 ~ 1/100000 sec)                                                                                                                                                                         |                    |
| White Balance        | Automatic, Manual                                                                                                                                                                                              |                    |
| Gain Control         | Automatic, Manual                                                                                                                                                                                              |                    |
| S/N Ratio            | 56 dB                                                                                                                                                                                                          |                    |
| WDR Pro              | Yes                                                                                                                                                                                                            |                    |
| Dynamic Range        | Up to 120 dB                                                                                                                                                                                                   |                    |
| Lens                 |                                                                                                                                                                                                                |                    |
| Megapixel            | 4 MP                                                                                                                                                                                                           |                    |
| Day/Night            | Yes (with removable IR-cut filter)                                                                                                                                                                             |                    |
| Focal Length         | 2.8 ~ 12 mm                                                                                                                                                                                                    |                    |
| Lens Type            | Motorized varifocal lens                                                                                                                                                                                       |                    |
| Maximum Aperture     | F/1.4                                                                                                                                                                                                          |                    |
| Mount                | $\varnothing 14\text{ mm}$                                                                                                                                                                                     |                    |
| Horizontal FOV       | 91°~27°                                                                                                                                                                                                        |                    |
| Operation            | Focus                                                                                                                                                                                                          | Automatic / Manual |
|                      | Zoom                                                                                                                                                                                                           | 4.3x Optical Zoom  |
|                      | Iris                                                                                                                                                                                                           | Fixed              |
| IR LED Quantity      | 2 IR LEDs                                                                                                                                                                                                      |                    |
| Max. IR Distance     | 30 m (98.4 ft)                                                                                                                                                                                                 |                    |
| Operation            |                                                                                                                                                                                                                |                    |
| Video Compression    | H.265, H.264, MJPEG                                                                                                                                                                                            |                    |
| Video Streaming      | Triple streams                                                                                                                                                                                                 |                    |
| Frame Rate           | 20 fps at 2592 x 1520, 25 fps at 2560 x 1440, 30 fps at 2048 x 1520 (60 / 50 Hz)<br>* The frame rate and the performance may vary depending on the number of connections and data bitrates (different scenes). |                    |
| Audio Compression    | G.711                                                                                                                                                                                                          |                    |
| Audio Support        | Two-way Audio                                                                                                                                                                                                  |                    |

| Video Resolution        |                                                                                                                                                                                                             |                                                                                                      |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| Video Resolution        | Main Stream                                                                                                                                                                                                 | 2592 x 1520, 2560 x 1440 (Default), 2048 x 1520, 1920 x 1080                                         |
|                         | Sub Stream                                                                                                                                                                                                  | 1920 x 1080, 1280 x 720, 720 x 576 (Default), 704 x 288, 640 x 360, 352 x 288                        |
|                         | Third Stream (Closed by Default)                                                                                                                                                                            | 720 x 576, 704 x 288, 640 x 360, 352 x 288                                                           |
| Network                 |                                                                                                                                                                                                             |                                                                                                      |
| Interface               | 10/100 Ethernet                                                                                                                                                                                             |                                                                                                      |
| Ethernet Protocol       | DHCP, DynDNS, FTP, HTTP, HTTPS, IPv4, ICMP, L2TP, NTP, PPPoE, RTP, RTSP, SMTP, SIP, TCP/IP, UDP, ONVIF (Profile S)                                                                                          |                                                                                                      |
| Mechanical              |                                                                                                                                                                                                             |                                                                                                      |
| Camera Angle Adjustment | Pan                                                                                                                                                                                                         | 0° ~ 360°                                                                                            |
|                         | Tilt                                                                                                                                                                                                        | 0° ~ 80°                                                                                             |
|                         | 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 active microphones. |
|                         | 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 types are not supported.    |
|                         | TV-Out                                                                                                                                                                                                      | BNC connector                                                                                        |
| General                 |                                                                                                                                                                                                             |                                                                                                      |
| Environment Temperature | -40°C ~ 60°C (-22°F ~ 140°F)                                                                                                                                                                                |                                                                                                      |
| Humidity                | 0% to 95% (no condensation)                                                                                                                                                                                 |                                                                                                      |
| Power Source            | 12V DC / PoE (IEEE 802.3af)                                                                                                                                                                                 |                                                                                                      |
| Max. Power Consumption  | 7.2 W                                                                                                                                                                                                       |                                                                                                      |
| Dimension               | Ø148 x 111.3 mm (Ø5.8" x 4.4")                                                                                                                                                                              |                                                                                                      |
| Weight                  | 0.75 kg (1.7 lb)                                                                                                                                                                                            |                                                                                                      |
| Ingress Protection      | IP67                                                                                                                                                                                                        |                                                                                                      |
| Vandal Resistance       | IK10                                                                                                                                                                                                        |                                                                                                      |
| Web Interface           |                                                                                                                                                                                                             |                                                                                                      |
| 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                | English                                                                                                                                                                                                     |                                                                                                      |
| Applications            |                                                                                                                                                                                                             |                                                                                                      |
| Network Storage         | GV-DVR / NVR (V8.7.4.0), GV-VMS (V16.11.0.0), GV-Control Center (V3.5.0.0), GV-Edge Recording Manager (V1.3.0.0), GV-Recording Server / Video Gateway (V1.4.0.0), GV-Redundant / Failover Server (V1.1.0.0) |                                                                                                      |
| Smart Device Access     | GV-Eye for iOS and Android                                                                                                                                                                                  |                                                                                                      |
| Live Viewing            | Browser (IE, Firefox, Safari), Mobile App                                                                                                                                                                   |                                                                                                      |

**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. Specifications are subject to change without notice.

### Packing List

- |                                           |                   |
|-------------------------------------------|-------------------|
| 1. GV-AVD4710 IR Vandal Vandal Proof Dome | 5. Torx Wrench    |
| 2. Waterproof Rubber Set                  | 6. Download Guide |
| 3. Screw Kit                              | 7. Warranty Card  |
| 4. Drill Template Paster                  |                   |

**Note:** Power adapters can be purchased upon request.

### Accessories

| Model No.                     | Name                              |                                                                                    | Details                                                                                                                                                                                  |
|-------------------------------|-----------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| GV-Mount211-2                 | Wall Mount Bracket                |   | Dimensions: 253 x125 x 125 mm (10" x 4.9" x 4.9")<br>Weight: 0.92 kg (2.02 lb)                                                                                                           |
| GV-Mount212-2                 | Wall Box Mount                    |   | Dimensions: Ø145 x 40 mm (5.7" x 1.6")<br>Weight: 0.24 kg (0.5lb)                                                                                                                        |
| GV-PA191                      | Power over Ethernet (PoE) Adapter |  | The GV-PA191 is a Power over Ethernet (PoE) adapter designed to provide power to the IP device through a single Ethernet cable.                                                          |
| <a href="#">GV-POE Switch</a> |                                   |                                                                                    | 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.                                                                                                                 |