

## GV-EDR1100 Series 1.3MP H.264 Low Lux WDR IR Mini Fixed Rugged IP Dome



- 1/3" progressive scan low lux CMOS
- Dual streams from H.264 and MJPEG
- Up to 30 fps at 1280 x 1024
- Intelligent IR
- Day and Night function (with removable IR-cut filter)
- Vandal resistance (IK10 for metal casing)
- Ingress protection (IP67)
- 2-axis mechanism (pan / tilt)
- Wide Dynamic Range (WDR)
- Defog
- Motion detection
- Tampering alarm
- Text overlay
- Privacy mask
- IP address filtering
- DC 12V / PoE (IEEE 802.3af)
- Megapixel lens
- NAS Recording
- Recording assigned by GV-Edge Recording Manager (Windows & Mac)
- Supports iPhone, iPad, Android & 3GPP
- 31 languages on Web interface
- ONVIF (Profile S) conformant

\* For optimal performance and compatibility, it is highly recommended to use a GV-NAS System.

### Introduction

The Target Mini Fixed Rugged Dome is an outdoor, fixed, mini-sized network camera equipped with an automatic IR-cut filter and IR LEDs for day and night surveillance. The camera adheres to IK10 and IP67 standards. It is adjustable in 2 axis (pan and tilt) and can be connected through PoE.

### Models

| Model         | Iris  | Focal Length (mm) | Maximum Aperture | Image Format |
|---------------|-------|-------------------|------------------|--------------|
| GV-EDR1100-0F | Fixed | 2.8               | F/2.0            | 1/2.7"       |
| GV-EDR1100-2F | Fixed | 3.8               | F/1.8            | 1/2.7"       |

### Active Tampering Alarm

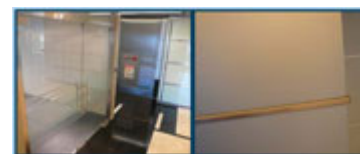
Tampered



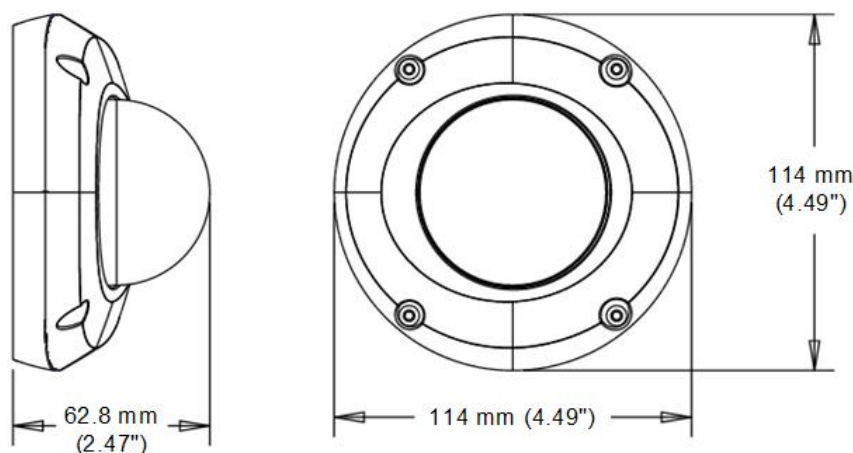
Focus Change



Camera Shift



## Dimensions



## Specifications

| Camera               |       | GV-EDR1100-0F                                                                                                                                                          | GV-EDR1100-2F |
|----------------------|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| Image Sensor         |       | 1/3" progressive scan low lux CMOS                                                                                                                                     |               |
| Picture Elements     |       | 1280 (H) x 1024 (V)                                                                                                                                                    |               |
| Minimum Illumination | Color | 0.05 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            |       | 50 dB                                                                                                                                                                  |               |
| WDR                  |       | Yes                                                                                                                                                                    |               |
| Dynamic Range        |       | Up to 72 dB                                                                                                                                                            |               |
| Lens                 |       |                                                                                                                                                                        |               |
| Megapixel            |       | Yes                                                                                                                                                                    |               |
| Day/Night            |       | Yes (with removable IR-cut filter)                                                                                                                                     |               |
| Focal Length         |       | 2.8 mm                                                                                                                                                                 | 3.8 mm        |
| Lens Type            |       | Fixed                                                                                                                                                                  |               |
| Maximum Aperture     |       | F/2.0                                                                                                                                                                  | F/1.8         |
| Mount                |       | M12, Pitch 0.5 mm                                                                                                                                                      |               |
| Horizontal FOV       |       | 93°                                                                                                                                                                    | 64°           |
| Image Format         |       | 1/2.7"                                                                                                                                                                 |               |
| Operation            | Focus | Fixed                                                                                                                                                                  |               |
|                      | Zoom  | Fixed                                                                                                                                                                  |               |
|                      | Iris  | Fixed                                                                                                                                                                  |               |
| IR LED Quantity      |       | 12 IR LEDs                                                                                                                                                             |               |
| Max. IR Distance     |       | 15 m (50 ft)                                                                                                                                                           |               |
| Operation            |       |                                                                                                                                                                        |               |
| Video Compression    |       | H.264, MJPEG                                                                                                                                                           |               |
| Video Streaming      |       | 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, Shutter Speed, D/N Sensitivity, Backlight Compensation, WDR, Defog |               |
| Audio Support        |       | N/A                                                                                                                                                                    |               |

| Video Resolution        |           |                                                                                                                                                                                                                                                                                                                                                  |
|-------------------------|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Main Stream             | 4:3       | 1280 x 960, 640 x 480, 320 x 240                                                                                                                                                                                                                                                                                                                 |
|                         | 16:9      | 1280 x 720, 640 x 360, 448 x 252                                                                                                                                                                                                                                                                                                                 |
|                         | 5:4       | 1280 x 1024, 640 x 512, 320 x 256                                                                                                                                                                                                                                                                                                                |
| Sub Stream              | 4:3       | 640 x 480, 320 x 240                                                                                                                                                                                                                                                                                                                             |
|                         | 16:9      | 640 x 360, 448 x 252                                                                                                                                                                                                                                                                                                                             |
|                         | 5:4       | 640 x 512, 320 x 256                                                                                                                                                                                                                                                                                                                             |
| Network                 |           |                                                                                                                                                                                                                                                                                                                                                  |
| Interface               |           | 10/100 Ethernet                                                                                                                                                                                                                                                                                                                                  |
| Ethernet Protocol       |           | DHCP, DynDNS, FTP, HTTP, HTTPS, NTP, ONVIF (Profile S), QoS (DSCP), RTSP, SNMP, SMTP, TCP, UDP, UPnP, 3GPP/ISMA                                                                                                                                                                                                                                  |
| Mechanical              |           |                                                                                                                                                                                                                                                                                                                                                  |
| Camera Angle Adjustment | Pan       | -45° ~ 45°                                                                                                                                                                                                                                                                                                                                       |
|                         | Tilt      | 0° ~ 63°                                                                                                                                                                                                                                                                                                                                         |
| Connectors              | Power     | 2-pin terminal block, PoE                                                                                                                                                                                                                                                                                                                        |
|                         | Ethernet  | Ethernet (10/100 Base-T), RJ-45 cable                                                                                                                                                                                                                                                                                                            |
| LED Indicator           |           | 4 LEDs: Link, ACT, Power, Status                                                                                                                                                                                                                                                                                                                 |
| General                 |           |                                                                                                                                                                                                                                                                                                                                                  |
| Environment 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 / PoE (IEEE 802.3af)                                                                                                                                                                                                                                                                                                                      |
| Max. Power Consumption  |           | 5.8 W                                                                                                                                                                                                                                                                                                                                            |
| Dimension               |           | ø 114 x 62.8 mm (4.49" x 2.47")                                                                                                                                                                                                                                                                                                                  |
| Weight                  |           | 600 g (1.32 lb)                                                                                                                                                                                                                                                                                                                                  |
| Ingress Protection      |           | IP67                                                                                                                                                                                                                                                                                                                                             |
| Vandal Resistance       |           | IK10 for metal casing                                                                                                                                                                                                                                                                                                                            |
| Regulatory              |           | CE, FCC, RCM, RoHS compliant                                                                                                                                                                                                                                                                                                                     |
| Power over Ethernet     |           |                                                                                                                                                                                                                                                                                                                                                  |
| PoE Standard            |           | PoE (IEEE 802.3af Power over Ethernet / PD)                                                                                                                                                                                                                                                                                                      |
| PoE Power Supply Type   |           | End-span                                                                                                                                                                                                                                                                                                                                         |
| PoE Power Output        |           | Per Port 48V DC, 350 mA, Max. 15.4 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, Picture in Picture, Picture and Picture, Privacy Mask, 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 |
| Applications            |           |                                                                                                                                                                                                                                                                                                                                                  |
| Network Storage         |           | GV-System (GV-DVR/NVR), GV-Recording Server, GV-VMS                                                                                                                                                                                                                                                                                              |
| Smart Device Access     |           | GV-Eye for Android smartphone, tablet, iPhone, iPod Touch, and iPad                                                                                                                                                                                                                                                                              |
| Live Viewing            |           | IE, mobile phone                                                                                                                                                                                                                                                                                                                                 |
| CMS Server support      |           | GV-Control Center, GV-Center V2, GV-Vital Sign Monitor                                                                                                                                                                                                                                                                                           |

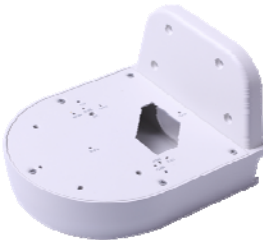
**Note:** Specifications are subject to change without prior notice.

## Packing List

- |                                               |                                          |
|-----------------------------------------------|------------------------------------------|
| 1. Target Mini Fixed Rugged Dome              | 10. Silica Gel Bag x 2                   |
| 2. Screw x 2                                  | 11. Adhesive Tape for Silica Gel Bag x 2 |
| 3. Screw Anchor x 2                           | 12. Concave hexagon Wrench               |
| 4. Focus Adjustment Ring                      | 13. Ruler                                |
| 5. Installation Sticker                       | 14. Screw for Conduit Converter x 2      |
| 6. Conduit Converter                          | 15. GV-IPCAM H.264 Software DVD          |
| 7. RJ-45 Connector                            | 16. GV-NVR Software DVD                  |
| 8. Waterproof rubber set (for RJ45 and DC12V) | 17. Warranty Card                        |
| 9. Torx Wrench                                |                                          |

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

## Accessories

| Model No. / Name                                                                    | Details                                                                        |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|
| 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-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) |
|  |                                                                                |
| GV-Mount910 Power Box Mount Bracket                                                 | Dimensions: 112 x 98 x 7.5 mm (4.4" x 3.9" x 0.3")<br>Weight: 105 g (0.23 lb)  |
|  |                                                                                |
| GV-Mount913 Power Box Mount Bracket                                                 | Dimensions: Ø 146 x 7.5 mm (Ø 5.7" x 0.3")<br>Weight: 180 g (0.4 lb)           |
|  |                                                                                |

| Model No. / Name                                                                                                          | Details                                                                                                                                                                                                                                                                  |
|---------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <a href="#">GV-PA191 PoE Adapter</a><br> | Weight: 130 g (0.29 lb)<br>Dimensions (H x W x D): 43 x 69 x 40 mm (1.69" x 2.72" x 1.57")                                                                                                                                                                               |
| Plastic PG21 Conduit Connector<br>       | The plastic PG21 conduit connector is used for running the wires of the camera through a 1/2" conduit pipe.                                                                                                                                                              |
| Power Adapter<br><a href="#">GV-POE Switch</a>                                                                            | Contact your sales representative for the countries and areas supported.<br><br>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. |