

GV-FE5303 5MP H.264 WDR IR Fisheye IP Camera



Key Features

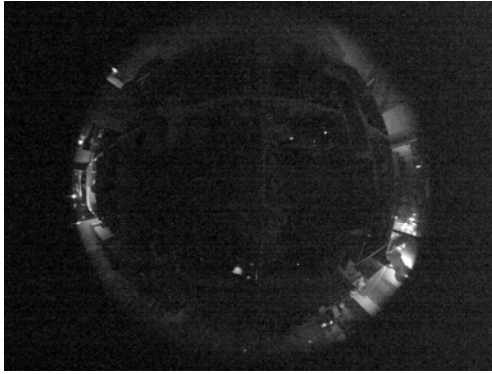
- 1/2.5" progressive scan CMOS
- Dual streams from H.264 and MJPEG
- Up to 10 fps at 2560 x 1920
- Day and night (with removable IR-cut filter)
- IR ring with effective distance up to 10 m (32.81 ft)
- Vandal resistance (IK10+ for metal casing)
- PoE+ (IEEE 802.3at)
- Mini USB slot for WiFi Adapter or USB hard drive
- Built-in micro SD card slot (SD/SDHC) for local storage
- Built-in microphone and speaker
- [Digital Object Tracking](#)
- Provides 360° and 180° panorama view
- Different angle of view accessible by multiple users at the same time
- Playback from any view angle and zoom level
- No mechanical moving parts
- Two-way audio
- Wide Dynamic Range (WDR)
- 2D noise reduction
- Defog
- Tampering alarm
- Virtual PTZ function
- Auto Pan function
- Privacy mask
- Visual automation
- Text overlay
- 31 languages on Web interface
- ONVIF (Profile S) conformant
- Recording assigned by GV-Edge Recording Manager ([Windows](#), [Mac](#) version)
- More storage option - [NAS](#)

* No Memory Card Slot & local storage function for Argentina.

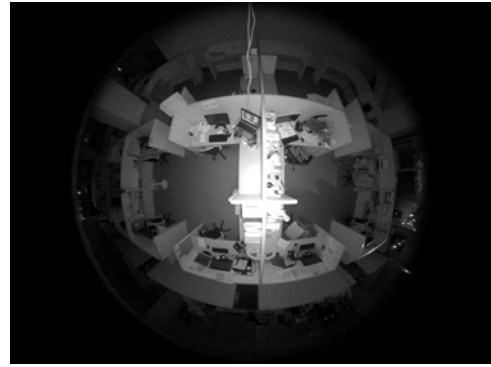
Introduction

GV-FE5303 is an indoor fisheye camera that allows you to monitor all angles of a location. It can be installed to the ceiling and the wall. The camera is equipped with an IR LED ring that provides infrared illumination under low-light situations. Its distorted hemispherical image of the camera can be converted into a conventional rectilinear projection. Without installing any software, you can watch live view and utilize functions such as motion detection, privacy mask, and alert notification through the Web interface. In addition, the camera seamlessly integrates with the GV-System, providing advanced monitoring and video management features.

The following is a comparison of live view from a third-party fisheye camera and a GV-Fisheye camera with IR LED ring.



Third-Party Fisheye Camera



GV-Fisheye Camera with IR LED Ring

Photos

Fisheye Source Image



Single View



2 x 180° View



360° View

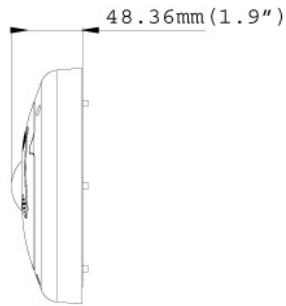
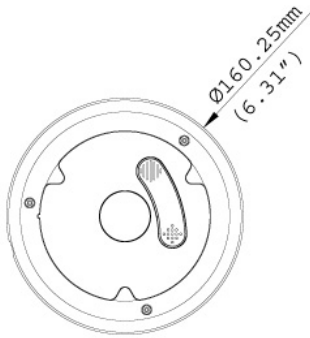


Quad View

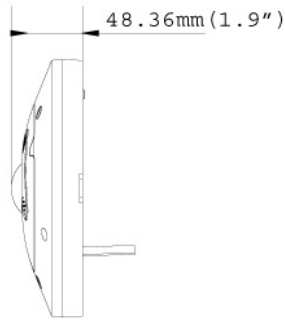
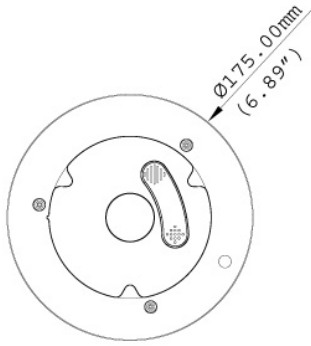


Dimensions

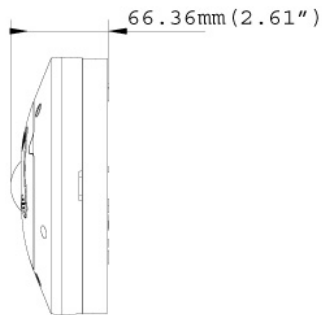
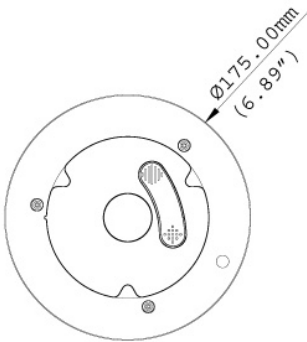
- Camera Cover for Hard Ceiling Mount



- IR LED Ring



- IR LED Ring with PoE Converter



Specifications

| System Requirements | | |
|----------------------|--|---|
| OS | 32-bit | Windows XP / Vista / 7 / Server 2008 |
| | 64-bit | Windows 7 / Server 2008 |
| GV-System Version | GV-System V8.5.9.0 with patch or later | |
| Browser | Internet Explorer 7.x or later, Firefox, Google Chrome, Safari | |
| Camera | | |
| Image Sensor | 1/2.5" progressive scan CMOS | |
| Picture Elements | 2560 (H) x 1920 (V) | |
| Minimum Illumination | Color | 0.15 Lux |
| | B/W | 0.10 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 | 45 dB | |
| WDR | Yes | |
| Optics Lens | | |
| Megapixel | Yes | |
| Day/Night | Yes (with removable IR-cut filter) | |
| Lens Type | Fixed | |
| Focal Length | 1.32 mm | |
| Maximum Aperture | F/2.0 | |
| Mount | M12, Pitch 0.5 mm | |
| Image Format | 2.5" | |
| Horizontal FOV | 180° | |
| Operation | Focus | Fixed |
| | Zoom | Fixed |
| | Iris | Fixed |
| IR LED Quantity | 6 IR LEDs | |
| Max. IR Distance | 10 m (32.81 ft) | |
| Operation | | |
| Video Compression | H.264, MJPEG | |
| Video Streaming | Dual streams from H.264 or MJPEG | |
| Frame Rate | 10 fps at 2560 x 1920, 15 fps at 2048 x 1944, 1440 x 1376 and 1280 x 1200 *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, Backlight Compensation, WDR, Defog, Denoise, Metering | |
| Audio Compression | G.711, AAC (optional) | |
| Audio Support | Two-Way Audio | |
| Video Resolution | | |
| Main Stream | 2560 x 1920, 2048 x 1944, 1440 x 1376, 1280 x 1200 | |
| Sub Stream | 640 x 480 | |
| Network | | |
| Interface | 10/100 Ethernet | |
| Protocol | FTP, DHCP, DynDNS, HTTP, HTTPS, NTP, ONVIF (Profile S), PSIA, QoS (DSCP), RTSP, SMTP, SNMP, TCP, UDP, UPnP | |
| Mechanical | | |
| Temperature Detector | Yes | |
| Connectors | Power | 2-pin terminal block, PoE |
| | Ethernet | Ethernet (10/100 Base-T), RJ-45 Connector |
| | Audio | 1 In (built-in microphone) 1 Out (built-in speaker or Stereo phone jack, 3.5 mm / 0.14") |
| | Digital I/O | None |
| | Auto Iris | None |

| Mechanical | | |
|-------------------------|---------------------------------------|--|
| Connectors | Local Storage | Micro SD card slot (SD/SDHC, SD version 2.0 only, Class 10) * SDXC and UHS-I card types are not supported. |
| | TV-Out | None |
| | Mini USB | GV-WiFi Adapter or USB hard drive |
| General | | |
| Operating Temperature | | 0 °C ~ 50 °C (32 °F ~ 122 °F) |
| Humidity | | 10% to 90% (no condensation) |
| Power Source | w/o PoE Converter | Camera: 12V DC / 24V AC / PoE (IEEE 802.3af) IR LED ring: 12V DC |
| | w/ PoE Converter | PoE+ (IEEE 802.3 at) |
| Max. Power Consumption | w/o PoE Converter | 22 W |
| | w/ PoE Converter | 30 W |
| Dimension | Hard-Ceiling Mount (with IR LED Ring) | ∅ 175 x 48.36 mm (6.89" x 1.93") |
| Weight | w/o PoE Converter | 870 g (1.92 lb) |
| | w/ PoE Converter | 1.045 kg (2.3 lb) |
| Vandal Resistance | | IK10+ for metal casing |
| Regulatory | | CE, FCC, RCM, RoHS compliant |
| Power over Ethernet | | |
| PoE Standard | | PoE+ (IEEE 802.3at Power over Ethernet / PD) |
| PoE Power Supply Type | | End-Span |
| PoE Power Output | | Per Port 48V DC, 600mA. 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, Digital I/O Control, Audio, Picture in Picture, Picture and Picture, Motion Detection, Privacy Mask, Visual Automation, Tampering Alarm, Auto Pan Function, Virtual PTZ, Wide Angle Lens Dewarping, 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 | | |
| Network Storage | | GV-System (GV-DVR/NVR), GV-Backup Center, GV-Recording Server, GV-VMS |
| Live Viewing | | IE , GV-Multi View |
| CMS Server Support | | GV-Control Center, GV-Center V2, GV-Vital Sign Monitor |

Note:

- Specifications are subject to change without notice.
- Do not use clothes or any ordinary material to clean the camera cover since they may result in scratches.
- Mind the following when using an inserted 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.







Packing List

1. GV-Fisheye Camera
2. Support Bracket x 3
3. Camera Cover (Hard Ceiling Mount)
4. Screw (Hard Ceiling Mount) x 3
5. Torx Wrench
6. Plastic Screw Anchor x 3
7. Mini USB Extension Cable
8. IR LED Ring
9. PoE Converter set (Module, DC Power Y-Cable, RJ-45 Cable, PoE Screw x 3)
10. Installation Sticker
11. GV-IPCAM H.264 Software DVD
12. GV-Fisheye IP Dome Hardware Installation Guide
13. GV-NVR Software DVD
14. Warranty Card

Note: The power adapter can be purchased upon request.

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") 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") 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") Weight: 900 g (1.98 lb) Note: To ensure the image quality, leave a distance of 1 M or more between the camera body and the wall. |
| GV-Mount205 | Wall Mount Bracket Kit |  | Dimensions: 126.5 x 203 x 160 mm / 5 x 8 x 6.3" (L x W x diameter) Weight: 0.5 kg / 1.1 lb Note: To ensure the image quality, leave a distance of 1 M or more between the camera body and the wall. |

| Model No. | Name | | Details |
|-----------------|-----------------------------------|---|--|
| GV-Mount702 | Extension Tube |  | <p>Four options are available.</p> <p>Dimensions: \varnothing 5.4 x 10 or 20 or 30 or 50 cm (\varnothing 2.1" x 3.9" or 7.9" or 11.8" or 19.7")</p> <p>Weight: 180 g or 390 g or 550 g or 800 g (0.4 lb or 0.86 lb or 1.21 lb or 1.76 lb)</p> |
| GV-Mount903 | Fisheye Dome Housing |  | <p>Dimensions: \varnothing 186 x 97.5 mm (\varnothing 7.3" x 3.8")</p> <p>Weight: 700 g (1.54 lb)</p> |
| GV-Mount904 | Tilting Wall Mount Bracket |  | <p>Dimensions: \varnothing 159.1 x 40.5 mm (\varnothing 6.3" x 1.6")</p> <p>Weight: 400 g (0.88 lb)</p> |
| GV-Mount912 | Power Box Mount Bracket |  | <p>Dimensions: \varnothing 146 x 10.5 mm (\varnothing 5.7" x 0.4")</p> <p>Weight: 180 g (0.4 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-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> |
| GV-WiFi Adaptor | |  | <p>Weight: 20 g (0.04 lb)</p> <p>Dimensions: 15 x 15 x 155 mm (0.59" x 0.59" x 6.10")</p> <p>Supplied with mini USB to standard USB adapter.</p> |

| Model No. | Name | Details |
|-----------|-------------------------------------|--|
| | Power Adapter | Contact your sales representative for the countries and areas supported. |
| | Power Adapter for GV-IR LED Ring | Contact your sales representative for the countries and areas supported. |