

## GV-MFD120 1.3MP H.264 Low Lux Mini Fixed Dome



- 1.3 Megapixel Progressive Scan Low Lux CMOS
- Dual streams from H.264 and MJPEG
- Up to 30 frames per second in megapixel resolution (1280 x 1024)
- Day and night function (electronic)
- Built-in microphone
- Memory card slot
- Active Tampering alarm
- Wide Dynamic Range (WDR)
- Defog
- Motion detection
- Privacy mask
- IP address filtering
- iPhone, iPad, Android
- PoE (Power over Ethernet)
- Megapixel lens
- Supports iPhone, iPad, Android & 3GPP
- 31 languages on Web interface
- ONVIF conformant

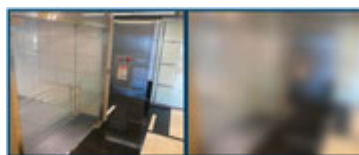
\* No Memory card slot & local storage function for Argentina.

### Active Tampering Alarm

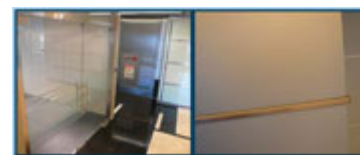
Tampered



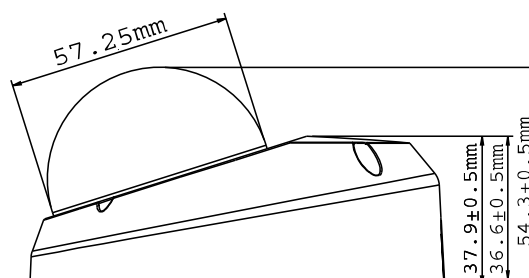
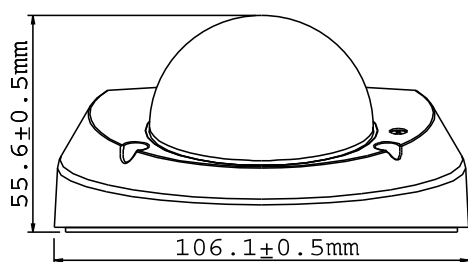
Focus Change



Camera Shift



### Dimensions



## Specifications

| Camera                  |               |                                                                                                                                                     |
|-------------------------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| Image Sensor            |               | 1/3" progressive scan CMOS                                                                                                                          |
| Picture Elements        |               | 1280 (H) x 1024 (V)                                                                                                                                 |
| Minimum Illumination    | Color         | 0.08 Lux at F/1.5                                                                                                                                   |
| Shutter Speed           |               | Automatic, Manual (1/5 ~ 1/8000 sec)                                                                                                                |
| White Balance           |               | Automatic, Manual (2800K ~ 8500K)                                                                                                                   |
| Gain Control            |               | Automatic                                                                                                                                           |
| S/N Ratio               |               | 50 dB                                                                                                                                               |
| BLC                     |               | Yes                                                                                                                                                 |
| Lens                    |               |                                                                                                                                                     |
| Megapixel               |               | Yes                                                                                                                                                 |
| Day/Night               |               | Yes (electronic)                                                                                                                                    |
| Iris                    |               | Fixed                                                                                                                                               |
| Focal Length            |               | 4.05 mm                                                                                                                                             |
| Maximum Aperture        |               | F/1.5                                                                                                                                               |
| Mount                   |               | M12, Pitch 0.5 mm                                                                                                                                   |
| Image Format            |               | 1/3"                                                                                                                                                |
| Operation               | Focus         | Fixed                                                                                                                                               |
|                         | Zoom          | Fixed                                                                                                                                               |
|                         | Iris          | Fixed                                                                                                                                               |
| 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, Sharpness, Gamma, White Balance, Flicker-less 50/60 Hz, Image Orientation, Shutter Speed, Backlight Compensation , WDR Defog  |
| Audio Compression       |               | G.711, AAC (16 kHz / 16 bit)<br>* AAC is only supported by GV-System V8.5 or later                                                                  |
| Sensor Input            |               | No                                                                                                                                                  |
| Alarm Output            |               | No                                                                                                                                                  |
| 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       |               | HTTP, HTTPS, TCP, UDP, SMTP, FTP, DHCP, NTP, UPnP, DynDNS, 3GPP/ISMA, RTSP, PSIA, SNMP, QoS (DSCP), ONVIF                                           |
| Mechanical              |               |                                                                                                                                                     |
| Temperature Detector    |               | Yes                                                                                                                                                 |
| Camera Angle Adjustment | Pan           | -45° ~ 45°                                                                                                                                          |
|                         | Tilt          | 0° ~ 90°                                                                                                                                            |
| Connectors              | Power         | 2-pin terminal block, PoE                                                                                                                           |
|                         | Ethernet      | Ethernet (10/100 Base-T), RJ-45                                                                                                                     |
|                         | Audio         | Built-in microphone                                                                                                                                 |
|                         | Digital I/O   | No                                                                                                                                                  |
|                         | Auto Iris     | No                                                                                                                                                  |
|                         | Local Storage | Micro SD/SDHC/SDXC memory card slot (for Class 6 card or above)                                                                                     |
|                         | TV-Out        | No                                                                                                                                                  |

| General                 |                            |                                                                                                                                                                                                                                                                                                                                                  |
|-------------------------|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Environment Temperature |                            | 0 °C ~ 50 °C / 32 °F ~ 122 °F                                                                                                                                                                                                                                                                                                                    |
| Humidity                |                            | 10% to 90% (no condensation)                                                                                                                                                                                                                                                                                                                     |
| Power Source            |                            | 12V DC / PoE (IEEE802.3af)                                                                                                                                                                                                                                                                                                                       |
| Max. Power Consumption  |                            | 4.5 W                                                                                                                                                                                                                                                                                                                                            |
| Dimensions              | Camera Body                | ø 106 x 55.6 mm / 4.2 x 2.2 in                                                                                                                                                                                                                                                                                                                   |
|                         | Cable Length               | 1 m / 3.28 ft                                                                                                                                                                                                                                                                                                                                    |
|                         | Cable Diameter             | ø 8 mm / 0.31 in                                                                                                                                                                                                                                                                                                                                 |
|                         | Maximum Connector Diameter | ø 28.5 mm / 1.12 in                                                                                                                                                                                                                                                                                                                              |
| Weight                  |                            | 275 g / 0.61 lb                                                                                                                                                                                                                                                                                                                                  |
| Regulatory              |                            | CE, FCC, C-Tick, RoHS compliant                                                                                                                                                                                                                                                                                                                  |
| Power over Ethernet     |                            |                                                                                                                                                                                                                                                                                                                                                  |
| PoE Standard            |                            | IEEE 802.3af Power over Ethernet / PSE                                                                                                                                                                                                                                                                                                           |
| PoE Power Supply Type   |                            | End-Span                                                                                                                                                                                                                                                                                                                                         |
| PoE Power Output        |                            | Per Port 48V DC, 350mA. 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, digital I/O control, audio, Picture in Picture, Picture and Picture, Privacy Mask, 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-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:** Specifications are subject to change without notice.

## Accessories

| Name                 | Details                                                                                                                                                                                |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| GV-PA191 PoE Adapter |  <p>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 in</p> |
| Power Adapter        | Power adapters are available in 4 regions: U.S.A., Australia, U.K and Europe.                                                                                                          |