

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



- 1.3 Megapixel Progressive Scan Low Lux CMOS
- Stream 1 from H.264 and MJPEG;  
Stream 2 from H.264, MPEG4 and MJPEG
- Up to 30 frames per second in megapixel resolution (1280 x 1024)
- Built-in microphone
- Micro SD/SDHC Card Slot
- Active Tampering alarm
- 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

\* No SD/SDHC card slot & local storage function for Argentina.

### Active Tampering Alarm

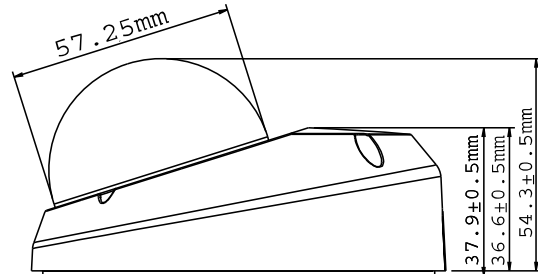
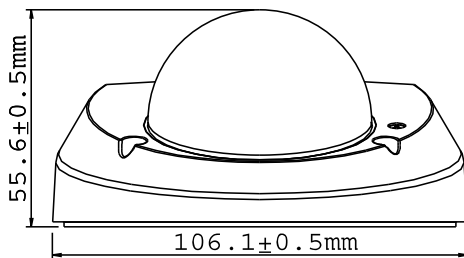
Tampered



Focus Change



Camera Shift



### 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)    |
| 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 | No                                   |
|                      | Zoom  | No                                   |
|                      | Iris  | Fixed                                |

| Operation               |   |  |
|-------------------------|---|--|
| Video Compression       | H.264, MPEG4, MJPEG   |  |
| Video Streaming         | Streaming 1 from H.264 and MJPEG,<br>Streaming 2 from H.264, MPEG4 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              |  |
| 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)  |  |
| Mechanical              |   |  |
| Lens Mounting           | M12, Pitch 0.5 mm   |  |
| Temperature Detector    | Yes   |  |
| Camera Angle Adjustment | Pan   | -45° ~ 45°   |
|                         | Tilt  | 0° ~ 90°   |
| Connectors              | Power   | 3-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 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   |  |

| <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, Wide Angle Lens Dewarping, 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 |
| <b>Applications</b>     |  |
| Network Storage         | GV-NVR, GV-System, GV-Backup Center, GV-Recording Server   |
| Mobile Phone support    | GV-AView for Android Smartphone, GV-Eye HD for iPad, GV-Eye for iPhone and iPod Touch, GV-GView for Windows PDA, GV-MSView for Windows Smartphone, GV-SSView for Symbian Smartphone, 3G-enabled phone.   |
| Live Viewing            | IE , GV-MultiView  |
| CMS Server support      | GV-Control Center, GV-Center V2, GV-VSM  |

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