

GV-VD120D /121D / 122D / 123D 1.3MP H.264 Low Lux IR Vandal Proof IP Dome



- 1/3" progressive scan Low Lux CMOS
- Dual streams from H.264 and MJPEG
- Up to 30 fps at 1280 x 1024
- Vandal resistance IK10+ (for GV-VD120D and GV-VD121D only)
- Vandal resistance IK7 (for GV-VD122D and GV-VD123D only)
- Ingress protection (IP66)
- Varifocal megapixel lens
- 3-axis mechanism (pan / tilt / roll)
- Removable IR-cut filter for Day/Night function
- External microphone
- Intelligent IR
- 2-way audio
- One sensor input and alarm output
- TV-out support
- Memory card slot
- DC12V / AC24V / PoE
- Wide Dynamic Range (WDR)
- Defog
- Motion detection
- Tampering alarm
- Privacy mask
- IP address filtering
- Supports iPhone, iPad, Android & 3GPP
- 31 languages on Web interface
- ONVIF conformant

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

Models

| Model | Housing Cover Cover Color | Vandal Resistance |
|-----------|------------------------------|-------------------|
| GV-VD120D | Transparent cover | IK10+ |
| GV-VD121D | Smoked cover | IK10+ |
| GV-VD122D | Transparent cover | IK7 |
| GV-VD123D | Smoked cover | IK7 |

Active Tampering Alarm

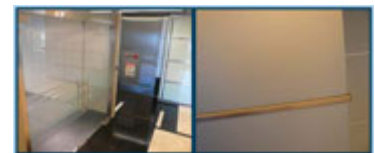
Tampered



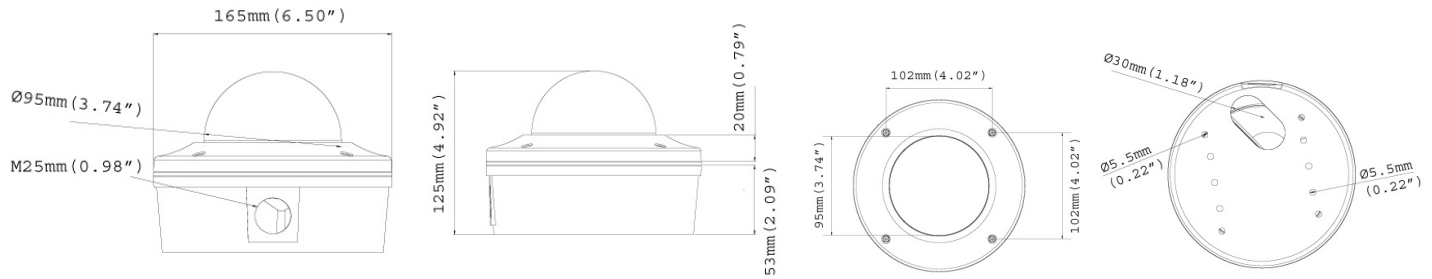
Focus Change



Camera Shift



Dimensions



Specifications

| Camera | | |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|
| Image Sensor | 1/3" progressive scan CMOS | |
| Picture Elements | 1280 (H) x 1024 (V) | |
| Minimum Illumination | Color | 0.15 Lux (1/30 sec.), 0.08 Lux (1/5 sec.) |
| | B/W 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 | |
| BLC | Yes | |
| Lens | | |
| Megapixel | Yes | |
| Day / Night | Yes (with removable IR-cut filter) | |
| Lens Type | Varifocal | |
| Focal Length | 3 ~ 9 mm | |
| Maximum Aperture | F/1.3 | |
| Mount | Ø 14 mm | |
| Operation | Focus | Manual (w / lock) |
| | Zoom | Manual (w / lock) |
| | Iris | DC drive |
| Max. Torque (Focus/ Zoom Screws) | 0.049 N.m | |
| IR LED Quantity | 10 IR LEDs | |
| Max. IR Distance | 15 m (50 ft.) | |
| Operation | | |
| Video Compression | H.264, MJPEG | |
| Video Stream | Dual streams from H.264 and MJPEG | |
| Frame Rate | 30 fps at 1280 x 1024 * 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, Image Orientation, Backlight Compensation, D/N Sensitivity, Shutter Speed, WDR, Defog | |
| Audio Compression | G.711, AAC (16 kHz / 16 bit) * AAC is only supported by GV-System V8.5 or later | |
| Two-way Audio | Yes | |
| Sensor Input | 1 Input (Dry Contact) | |
| Alarm Output | 1 Output (200mA 5V DC) | |
| 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 | 0° ~ 350° |
| | Tilt | 10° ~ 90° |
| | Rotate | 0° ~ 340° |
| Connectors | Power | 2-pin terminal block, PoE |
| | Ethernet | RJ-45 |
| | Audio | 1 In (RCA female for microphone) 1 Out (RCA female for speaker) |
| | Digital I/O | I/O Wire |
| | Auto Iris | DC drive |
| | Local Storage | Micro SD/SDHC/SDXC memory card slot (for Class 6 card or above) |
| | TV-Out | BNC connector (640 x 480 resolution) |
| LED Indicator | 2 LEDs: Power, Status | |
| General | | |
| Environment Temperature | -20 °C ~ 50 °C (-4 °F ~ 122 °F) | |
| Humidity | 10% to 90% (no condensation) | |
| Power Source | 12V DC / 24V AC / PoE | |
| Max. Power Consumption | 12 W | |
| Dimensions | Camera Body | ø 165 x 125 mm (6.49" x 4.92") |
| | Cable Length | 1 m (3.28 ft.) |
| | Cable Diameter | ø 16.7 mm (0.66") |
| | Maximum Connector Diameter | ø16.7 mm (0.66") |
| Weight | 1.7 kg (3.75 lb) | |
| Ingress Protection | IP66 | |
| Vandal Resistance | GV-120D / GV-121D | IK10+ |
| | GV-122D / GV-123D | IK7 |
| Regulatory | CE, FCC, C-Tick, RoHS compliant | |
| Power over Ethernet | | |
| PoE Standard | IEEE 802.3af Power over Ethernet / PD | |
| 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, Visual Automation, Tampering Alarm, 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 GV-Eye HD for iPad | |
| Live Viewing | IE, mobile phone | |
| CMS Server support | GV-Control Center, GV-Center V2, GV-VSM | |

Note:

1. Do not use clothes or any ordinary material to clean the camera cover since they may result in scratches.
2. Specifications are subject to change without notice.

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) |
| GV-Mount203 | Wall Pendant Tube and Junction Box Kit |  | Dimensions: 315 x 195.5 x 225 mm (12.4" x 7.7" x 8.9") Weight: 2.95 Kg (6.5 lb) |
| GV-Mount300 | Convex Corner Adapter Kit |  | Dimensions: 238.6 x 409.5 mm (9.4" x 16.1") Weight: 4.27 Kg (9.41 lb) |
| GV-Mount310 | Concave Corner Adapter Kit |  | Dimensions: 238.6 x 409.5 mm (9.4" x 16.1") Weight: 4.27 Kg (9.41 lb) |
| GV-Mount400 | Pole Mount Bracket Kit (\varnothing 4" ~ 6") |  | Bracket: 241 x 161 mm (9.5" x 6.3") Weight: 1.70 Kg (3.75 lb) Steel Strap Diameter: \varnothing 4" ~ 6" |

| Model No. | Name | | Details |
|---------------|-------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| GV-Mount410 | Pole Mount Bracket Kit (\varnothing 6" ~ 7.5") |  | Bracket: 241 x 161 mm (9.5" x 6.3") Weight: 1.70 Kg (3.75 lb) Steel Strap Diameter: \varnothing 6" ~ 7.5" |
| GV-Mount702 | Extension Tube |  | Four options are available. 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") Weight: 180 g or 390 g or 550 g or 800 g (0.4 lb or 0.86 lb or 1.21lb or 1.76 lb) |
| GV-Mount900 | Wall Mount Bracket |  | Dimensions: 154 x 108 x 50 mm (6.1" x 4.3" x 2") |
| GV-Mount901 | GV-VD Series Dome Housing |  | Dimensions: \varnothing 186 x 97.5 mm (\varnothing 7.3" x 3.8") Weight: 600 g (1.32 lb) |
| 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. |
| GV-Relay V2 | GV-Relay V2 |  | The GV-Relay V2 is designed to expand the voltage load of GV IP devices. It provides 4 relay outputs, and each can be set as normally open (NO) or normally closed (NC) independently as per your requirement. |
| Power Adapter | Power adapters are available in 4 regions: U.S.A., Australia, U.K and Europe. | | |