

GV-MDR520 5MP H.264 Mini Fixed Rugged Dome



- 1/2.5" progressive scan CMOS
- Megapixel lens
- Dual streams from H.264 and MJPEG
- Up to 10 fps at 2560 x 1920
- Day and night function (electronic)
- Vandal resistance (IK10 for metal casing)
- Ingress protection (IP67)
- EN50155 compliance for rolling stock applications
- 3-axis mechanism:
pan (-45° ~ +45°), tilt (0° ~ 90°), rotate (0° ~ 360°)
- Built-in microphone
- Memory Card Slot
- Wide Dynamic Range (WDR)
- Motion detection
- Tampering alarm
- Privacy mask
- Text overlay
- IP address filtering
- Endurable to low environment temperatures -20°C ~ 50°C (-4°F ~ 122°F)
- 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



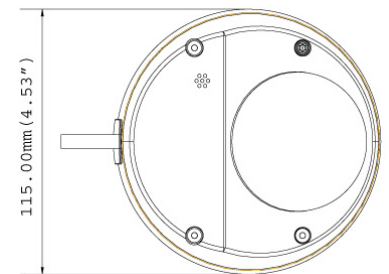
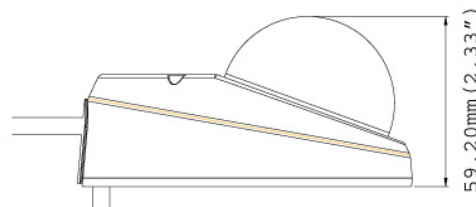
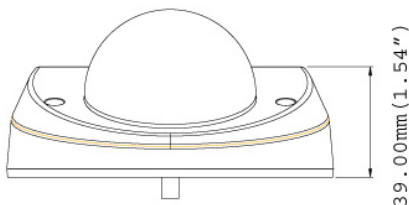
Focus Change



Camera Shift



Dimensions




Specifications

| Camera | | |
|-------------------------|---------------|---|
| Image Sensor | | 1/2.5" progressive scan CMOS |
| Picture Elements | | 2048 (H) x 1536 (V) |
| Minimum Illumination | Color BW | 0.5 Lux at F/2.8 |
| 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 | | 2.54 mm |
| Maximum Aperture | | F/2.8 |
| Mount | | M12, Pitch 0.5 mm |
| Image Format | | 1/2.5" |
| Operation | Focus | Fixed |
| | Zoom | Fixed |
| | Iris | Fixed |
| Operation | | |
| Video Compression | | H.264, MJPEG |
| Video Streaming | | Dual streams from H.264 and MJPEG |
| Frame Rate | | 10 fps at 2560 x 1920 * 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 50/60 Hz, Image Orientation, Shutter Speed, Backlight Compensation, D/N sensitivity, WDR, Defog |
| Audio Compression | | G.711, AAC (24 kHz / 16 bit) *AAC (24 kHz / 16 bit) is only supported by GV-System V8.5.6 or later. |
| Video Resolution | | |
| Main Stream | 4:3 | 2560 x 1920, 2048 x 1536, 1600 x 1200, 1280 x 960, 640 x 480, 320 x 240 |
| | 16:9 | 1920 x 1080, 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° |
| | Rotate | 0° ~ 360° |
| Connectors | Power | PoE |
| | Ethernet | Ethernet (10/100 Base-T), RJ-45 |
| | Audio | Built-in microphone |
| | Local Storage | Micro SD/SDHC/SDXC memory card slot (for Class 6 card or above) |
| LED Indicator | | 4 LEDs: Link, ACT, Power, Status |

| General | | |
|-------------------------|--|------------------------------|
| Environment Temperature | -20 °C ~ 50 °C (-4 °F ~ 122 °) | |
| Humidity | 10% to 90% (no condensation) | |
| Power Source | PoE | |
| Max. Power Consumption | 4.2 W | |
| Dimensions | Camera Body | ø 115 x 59.2 mm (4.5 x 2.3") |
| | Cable Length | 1.054 m (41.5") |
| | Cable Diameter | ø 6.2 mm (0.24") |
| | Maximum Connector Diameter | ø 30 mm (1.18") |
| Weight | 568 g (1.3 lb) | |
| Ingress Protection | IP67 | |
| Vandal Resistance | IK10 for metal casing | |
| Regulatory | CE, FCC, C-Tick, EN50155, 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 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) Dimensions (H x W x D): 43 x 69 x 40 mm (1.69 x 2.72 x 1.57")</p> |
| Power Adapter | Power adapters are available in 4 regions: U.S.A., Australia, U.K and Europe. |