

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 -30 °C ~ 50 °C
(-22 °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



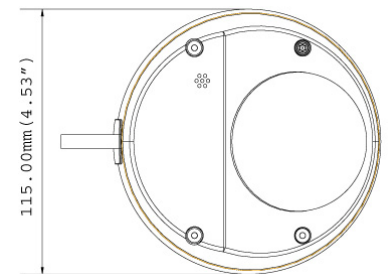
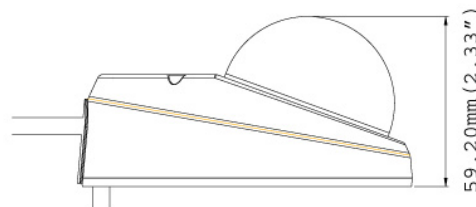
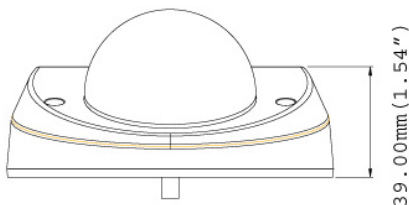
Focus Change



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	-30 °C ~ 50 °C (-22 °F ~ 122 °F)	
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.