GV-MFD220 2MP H.264 Mini Fixed Dome

- 2 Megapixel Progressive Scan CMOS
- Stream 1 from H.264 and MJPEG;
  Stream 2 from H.264, MPEG4 and MJPEG
- Up to 30 fps at 1920 x 1080
- 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
- 28 languages on Web interface

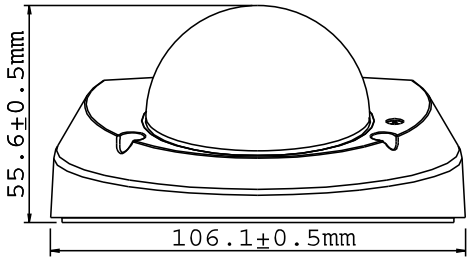
* No SD/SDHC card slot & local storage function for Argentina.

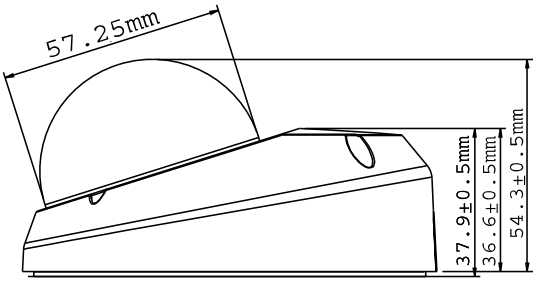
Active Tampering Alarm

Tampered

Focus Change

Camera Shift





SPECIFICATIONS

Camera		
Image Sensor		1/2.5" progressive scan CMOS
Picture Elements		1920 (H) x 1080 (V)
Minimum Illumination	Color	0.5 Lux at F/2.8
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		2.54 mm
Maximum Aperture		F/2.8
Mount		M12, Pitch 0.5 mm
Image Format		1/2.5"
Angle of View	Diagonal	162.5°
	Horizontal	130.1°
	Vertical	97.3°
Operation	Focus	No
	Zoom	No
	Iris	Fixed

Operation		
Video Compression		H.264, MPEG4, MJPEG
Video Stream		Streaming 1 from H.264 and MJPEG, Streaming 2 from H.264, MPEG4 and MJPEG
Frame Rate		30 fps at 1920 x 1080 * 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) * AAC is only supported by GV-System V8.5 or later
Sensor Input		No
Alarm Output		No
Video Resolution		
Main Stream	4:3	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)
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
LED Indicator		4 LEDs: Link, ACT, Power, Status
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		5.5 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		280 g / 0.62 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, Wide Angle Lens Dewarping, audio, Picture in Picture, Picture and Picture, Privacy Mask, Text Overlay

Language	Czech / Danish / English / French / German / Hebrew / Hungarian / Italian / Japanese / Polish / Portuguese / Russian / Serbian / Simplified Chinese / Spanish / Traditional Chinese * Bulgarian, Dutch, Greek, Indonesian, Lithuanian, Norwegian, Persian, Romanian, Slovakian, Slovenian, Thai and Turkish are only supported in V1.07 or later.
Applications	
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.