

GV-MFD3401 3MP H.264 WDR Pro Mini Fixed Dome



- 3 Megapixel Progressive Scan WDR Pro CMOS
 - Dual streams from H.264 and MJPEG
 - Up to 20 fps at 2048 x 1536
 - Day and night function (electronic)
 - USB slot for GV-WiFi Adapter or USB hard drive
 - Built-in micro SD card slot (SD/SDHC) for local storage
 - Active Tampering alarm
 - Wide Dynamic Range Pro (WDR Pro)
 - Two-way audio
 - Defog
 - Motion detection
 - Privacy mask
 - IP address filtering
 - iPhone, iPad, Android
 - DC 5V / PoE
 - Megapixel lens
 - Supports iPhone, iPad, Android & 3GPP
 - 31 languages on Web interface
 - ONVIF (Profile S) conformant
- * No Memory card slot & local storage function for Argentina.

Introduction

The GV-MFD3401 Series offers an indoor, fixed, mini-sized network camera with different lens options. The camera can process scenes with contrasting intensity of lights and produce clear image using the built-in WDR Pro. The camera is equipped with a USB port which supports wireless connection through GV-WiFi Adapter (optional) or external storage using a USB hard drive.

Active Tampering Alarm

Tampered



Focus Change



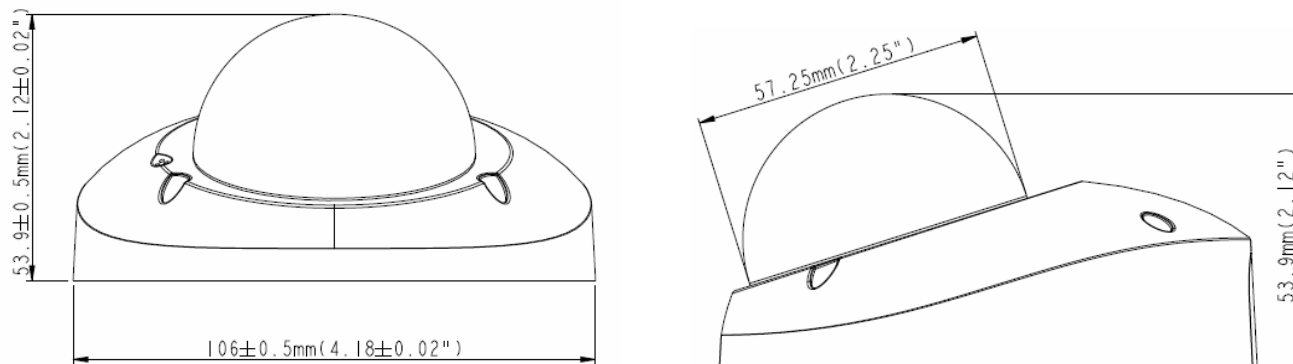
Camera Shift



Models

Models	Iris	Focal Length (mm)	Maximum Aperture	Image Format
MFD3401-0F	Fixed	2.8 mm	F/2.0	1/3"
MFD3401-1F		4 mm	F/1.5	
MFD3401-2F		8 mm	F/1.6	
MFD3401-3F		12 mm		
MFD3401-4F		2.1 mm	F/1.8	

Dimensions



Specifications

Camera		GV-MFD3401-0F	GV-MFD3401-1F	GV-MFD3401-2F	GV-MFD3401-3F	GV-MFD3401-4F
Image Sensor		1/3.2" progressive scan CMOS				
Picture Elements		2048 (H) x 1536 (V)				
Minimum Illumination	Color	0.08 Lux				
	B/W	0.05 Lux				
Shutter Speed		Automatic, Manual (1/5 ~ 1/8000 sec.)				
White Balance		Automatic, Manual (2800K ~ 8500K)				
Gain Control		Automatic				
S/N Ratio		55 dB				
WDR Pro		Yes				

Lens						
Megapixel		Yes				
Day/Night		Yes (Electronic)				
Iris		Fixed				
Focal Length		2.8 mm	4 mm	8 mm	12 mm	2.1 mm
Maximum Aperture		F/2.0	F/1.5	F/1.6	F/1.6	F/1.8
Mount		M12, Pitch 0.5 mm				
Image Format		1/3"				
Horizontal FOV		80°	62°	33°	21°	120°
Operation	Focus	Fixed				
	Zoom	Fixed				
	Iris	Fixed				

Operation	
Video Compression	H.264, MJPEG
Video Streaming	Dual streams from H.264 and MJPEG
Frame Rate	20 fps at 2048 x 1536 * 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, WDR Pro, Defog
Audio Compression	G.711, AAC (optional)
Audio Support	Two-Way Audio
Sensor Input	No
Alarm Output	No

Video Resolution		
Main Stream	4:3	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

Network		
Interface		10/100M Ethernet
Ethernet Protocol		DHCP, DynDNS, FTP, HTTP, HTTPS, NTP, ONVIF (Profile S), PSIA, QoS (DSCP), RTSP, SNMP, SMTP, TCP, UDP, UPnP, 3GPP/ISMA
Mechanical		
Temperature Detector		Yes
Camera Angle Adjustment	Pan	-45° ~ 45°
	Tilt	0° ~ 90°
Connectors	Power	2-pin terminal block, PoE
	Ethernet	Ethernet (10/100 Base-T), RJ-45
	Audio	1 In (built-in microphone), 1 Out (RCA female for speaker)
	USB	GV-WiFi Adapter or USB hard drive
	Local Storage	Micro SD card slot (SD/SDHC, SD version 2.0 only, Class 10) * SDXC and UHS-I card types are not supported.
LED Indicator		4 LEDs: Link, ACT, Power, Status
General		
Camera Housing		black, white
Environment Temperature		0 °C ~ 50 °C (32 °F ~ 122 °F)
Humidity		10% to 90% (no condensation)
Power Source		5V DC/PoE (IEEE 802.3af)
Max. Power Consumption		6 W
Dimension		ø 106 x 53.9 mm (4.2" x 2.1")
Weight		280 g (0.62 lb)
Regulatory		CE, FCC, C-Tick, RoHS compliant
Power over Ethernet		
PoE Standard		IEEE 802.3af Class 3 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, Audio, Picture in Picture, Picture and Picture, Privacy Mask, Text Overlay, Digital PTZ
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

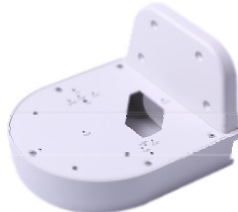
Note:

- Mind the following limitations and requirements for the USB port:
 - The USB hard drive must be of 2.5" or 3.5", version 2.0 or above
 - The USB hard drive's storage capacity must not exceed 2TB
 - USB flash drives and USB hubs are not supported
 - External power supply is required for the USB hard drive
 - To connect the GV-WiFi Adapter, make sure it is connected before the camera is powered on.
- Specifications are subject to change without notice.

Packing List

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|---------------------------|-------------------------------------|
| 1. Mini Fixed Dome | 7. USB / Audio Y-cable |
| 2. Torx Wrench | 8. GV-IPCAM H.264 Quick Start Guide |
| 3. Self Tapping Screw x 2 | 9. GV-IPCAM H.264 Software CD |
| 4. Screw Anchor x 2 | 10. GV-NVR Quick Start Guide |
| 5. Cable stopper x 1 | 11. GV-NVR Software DVD |
| 6. Short-Body RJ-45 Plug | |

Accessories

Model No./Name	Details
GV-Mount900 Wall Mount Bracket 	Dimensions: 154 x 108 x 50 mm (6.1" x 4.3" x 2") Weight: 240 g (0.53 lb)
GV-Mount909 Wall Mount Bracket 	Dimensions: 170 x 150 x 110 mm (6.7" x 5.9" x 4.3") Weight: 610 g (1.34 lb)
GV-Mount910 Power Box Mount Bracket 	Dimensions: 112 x 98 x 7.5 mm (4.4" x 3.9" x 0.3") Weight: 105 g (0.23 lb)
GV-Mount913 Power Box Mount Bracket 	Dimensions: Ø 146 x 7.5 mm (Ø 5.7" x 0.3") Weight: 180 g (0.4 lb)
GV-PA191 PoE Adapter 	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")
Power Adapter	Power adapters are available in 4 regions: U.S.A., Australia, U.K and Europe.
GV-POE Switch	The GV-POE Switch is designed to provide power along with network connection for IP devices. The GV-POE Switch is available in various models with different numbers and types of ports.

Model No./Name	Details
GV-WiFi Adaptor	Weight: 20 g (0.04 lb) Dimensions: 15 x 15 x 155 mm (0.59" x 0.59" x 6.10") Supplied with mini USB to standard USB adapter.
	

