

GV-FD1200 1.3MP H.264 Low Lux WDR IR Fixed IP Dome



- 1/3" progressive scan Low Lux CMOS
- Dual streams from H.264 and MJPEG
- Up to 30 fps at 1280 x 1024
- 3-axis mechanism (pan / tilt / roll)
- Varifocal megapixel lens
- Intelligent IR
- 2-way audio
- One sensor input and alarm output
- TV-out support
- Built-in Micro SD (SDHC / SDXC) card slot for local storage
- DC 12V / AC 24V / PoE
- Wide Dynamic Range (WDR)
- Defog
- Motion detection
- Tampering alarm
- Privacy mask
- Removable IR-cut filter for Day/Night function
- IP address filtering
- Supports iPhone, iPad, Android & 3GPP
- 31 languages on Web interface
- ONVIF (Profile S) conformant

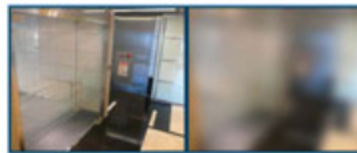
*** No Memory card slot & local storage function for Argentina.**

Active Tampering Alarm

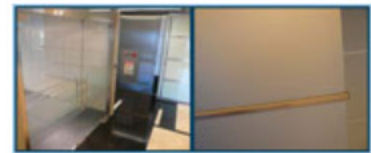
Tampered



Focus Change



Camera Shift



Introduction

The GV-FD1200 is an indoor camera designed with 3-axis for easy and flexible installation. The Fixed IP Dome is equipped with an automatic IR-cut filter and IR LEDs for day and night surveillance. With optional accessories, the camera can be installed on various types of locations including wall surface, wall corner, pole and ceiling.

Overview

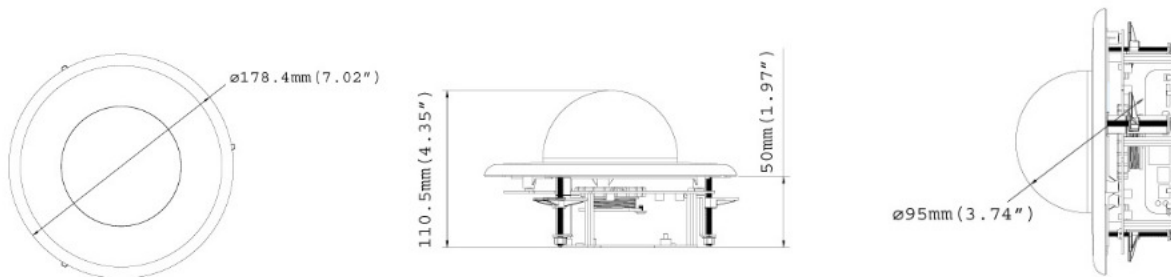


Dimensions

Hard-Ceiling Mount



In-Ceiling Mount



Specifications

Camera		
Image Sensor	1/3" progressive scan low lux CMOS	
Picture Elements	1280 (H) x 1024 (V)	
Minimum Illumination	Color	0.05 Lux at F/1.2
	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/1.2	
Mount	$\varnothing 14\text{ mm}$	
Image Format	1/2.7"	
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 Streaming	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, Shutter Speed, Backlight Compensation, D/N Sensitivity, WDR, Defog	

Operation

Audio Compression	G.711
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
	16:9	1280 x 720
	5:4	1280 x 1024
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 (Profile S)

Mechanical

Camera Angle Adjustment	Pan	0° ~ 350°
	Tilt	10° ~ 90°
	Rotation	0° ~ 340°
Temperature Detector	Yes	

Mechanical

Connectors	Power	2-pin terminal block, PoE
	Ethernet	Ethernet (10/100 Base-T), RJ-45 cable
	Audio	1 In microphone phone jack, 3.5 mm (0.14")
		1 Out Stereo phone jack, 3.5 mm (0.14")
	Digital I/O	3-pin terminal block, pitch 2.5 mm (0.1")
Local Storage	Micro SD memory card slot (SDHC / SDXC for Class 6 card or above)	
TV-Out	BNC connector (640 x 480 resolution)	
LED Indicator	2 LEDs: Power, Status	

General

Environment Temperature	0 °C ~ 50 °C (32 °F ~ 122 °F)
Humidity	10% to 90% (no condensation)
Power Source	12V DC / 24V AC / PoE
Max. Power Consumption	12 W
Dimensions	ø 155 x 110 mm (6.1" x 4.33")
Weight	580 g (1.28 lb)
Vandal Resistance	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, 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:

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)

Model No.	Name		Details
GV-Mount400	Pole Mount Bracket Kit (\varnothing 4" ~ 6")		<p>Dimensions</p> <p>Bracket: 241 x 161 mm (9.5" x 6.3")</p> <p>Weight: 1.70 Kg (3.75 lb)</p> <p>Steel Strap Diameter: \varnothing 4" ~ 6"</p>
GV-Mount410	Pole Mount Bracket Kit (\varnothing 6" ~ 7.5")		<p>Dimensions</p> <p>Bracket: 241 x 161 mm (9.5" x 6.3")</p> <p>Weight: 1.70 Kg (3.75 lb)</p> <p>Steel Strap Diameter: \varnothing 6" ~ 7.5"</p>
GV-Mount702	Extension Tube		<p>Four options are available.</p> <p>Dimensions:</p> <p>\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")</p> <p>Weight:</p> <p>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)</p>
GV-Mount900	Wall Mount Bracket		<p>Dimensions: 154 x 108 x 50 mm (6.1" x 4.3" x 2")</p>
GV-Mount902	GV-FD Series Dome Housing		<p>Dimensions: \varnothing 186 x 97.5 mm (\varnothing 7.3" x 3.8")</p> <p>Weight: 600 g (1.32 lb)</p>
41-81053-HK2	Smoked Cover		<p>Dimensions:</p> <p>\varnothing 103.7 x 55 mm (4.08" x 2.16")</p> <p>Weight: 30g (0.07 lb)</p> <p>Vandal Resistance: IK7</p>
GV-PA191	Power over Ethernet (PoE) Adapter		<p>The GV-PA191 is a Power over Ethernet (PoE) adapter designed to provide power to the IP device through a single Ethernet cable.</p>

Model No.	Name	Details
GV-Relay V2	GV-Relay V2	 <p>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.</p>
Power Adapter	Power adapters are available in 4 regions: U.S.A., Australia, U.K and Europe.	