

## GV-FD120D 1.3MP H.264 Low Lux 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
  - AAC and G.711 audio codec
  - One sensor input and alarm output
  - TV-out support
  - Memory card slot
  - DC 12V / AC 24V / PoE
  - Wide Dynamic Range (WDR)
  - 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 conformant
- \* No Memory card slot & local storage function for Argentina.

### Active Tampering Alarm

Tampered



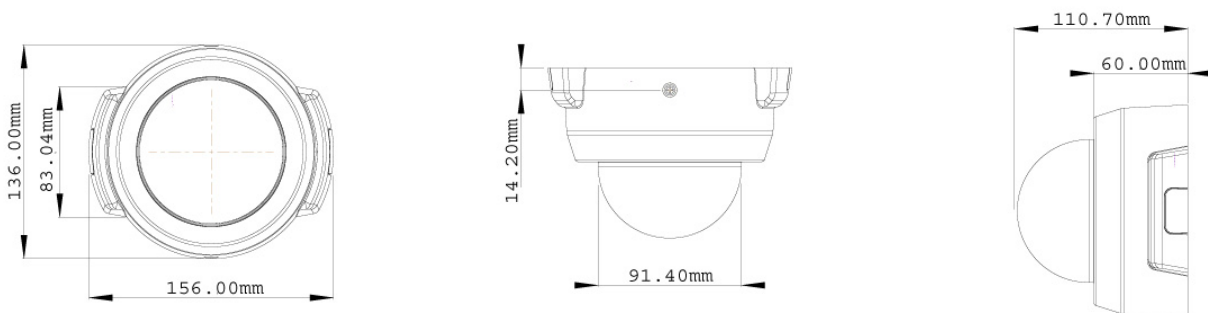
Focus Change



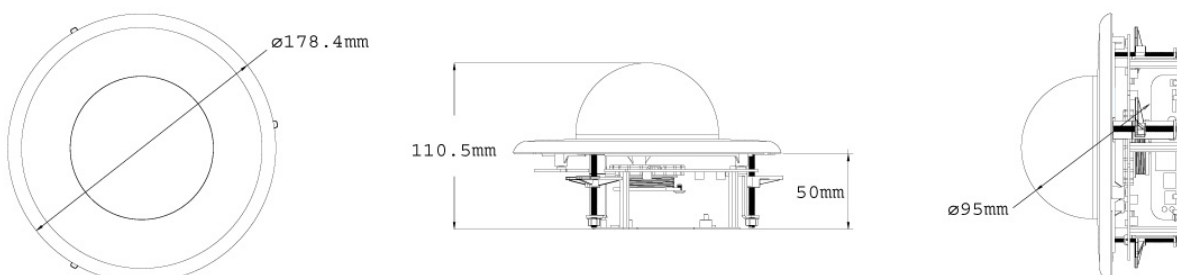
Camera Shift



### Hard-Ceiling Mount



### In-Ceiling Mount



**SPECIFICATIONS**

Camera		
Image Sensor	1/3" progressive scan CMOS	
Picture Elements	1280 (H) x 1024 (V)	
Minimum Illumination	Color	0.15 Lux (1/30 sec), 0.08 Lux (1/5 sec)
	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/1.3	
Mount	Ø 14 mm	
Image Format	1/3"	
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	
IR Distance	15 m / 50 ft (Max.)	
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	
Audio Compression	G.711, AAC (16 kHz / 16 bit) * AAC is only supported by GV-System V8.5 or later	
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, 640 x 480, 320 x 240
	16:9	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		
Camera Angle Adjustment	Pan	0° ~ 350°
	Tilt	10° ~ 90°
	Rotation	0° ~ 340°
Temperature Detector	Yes	

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

#### 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	∅ 156 x 110 mm / 6.14 x 4.33 in
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 / 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, Visual Automation, Tampering Alarm, 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, GV-MultiView
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.