

GV-FD5700 5MP H.265 Low Lux WDR IR Fixed IP Dome



- 1/1.8" progressive scan low lux CMOS
 - Dual streams from H.265, H.264 and MJPEG
 - Up to 30 fps at 2592 x 1944
 - Intelligent IR
 - Day and Night function (with removable IR-cut filter)
 - Megapixel varifocal lens
 - P-Iris lens for auto Iris control
 - IR distance up to 30 m (98.4 ft)
 - 3-axis mechanism (pan / tilt / rotate)
 - DC 12V / PoE (IEEE 802.3af)
 - Two-way audio
 - One sensor input and alarm output
 - TV-out support
 - Wide Dynamic Range (WDR)
 - 3D noise reduction
 - Smart streaming
 - Defog
 - Motion detection
 - Tampering alarm
 - Text overlay
 - Privacy mask
 - IP address filtering
 - Recording assigned by GV-Edge Recording Manager (*Windows & Mac*)
 - Support for iPhone, iPad, Android & 3GPP
 - 31 languages on Web interface
 - ONVIF (Profile S) conformant
- * Smart streaming requires either GV-DVR / NVR V8.7.0.0 or GV-VMS V16.10.0.0.

Introduction

The GV-FD5700 is an indoor camera designed with 3-axis for easy and flexible installation. The Fixed Dome is equipped with an automatic IR-cut filter and IR LEDs for day and night surveillance. The camera supports H.265 video codec to achieve better compression ratio while maintaining high quality pictures at reduced network storage.

Active Tampering Alarm

Tampered



Focus Change

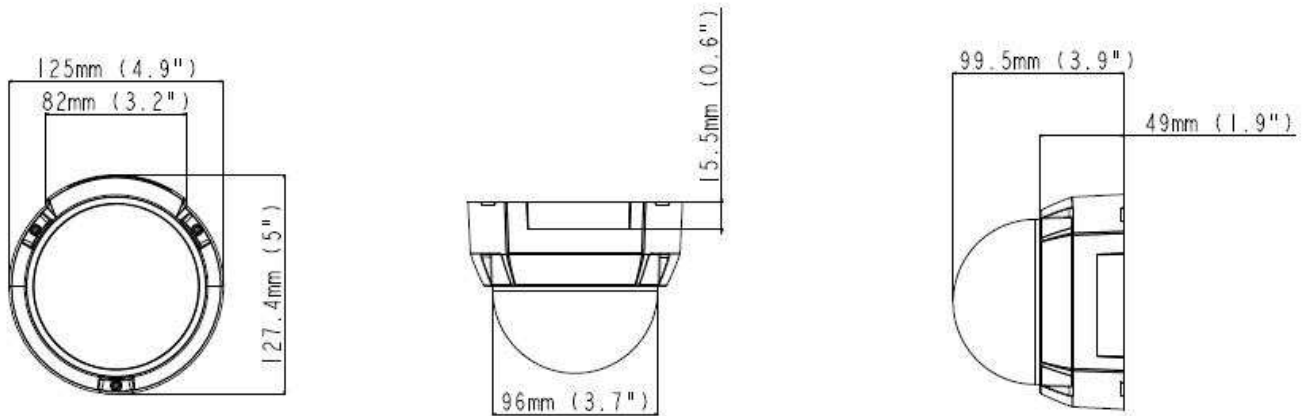


Camera Shift

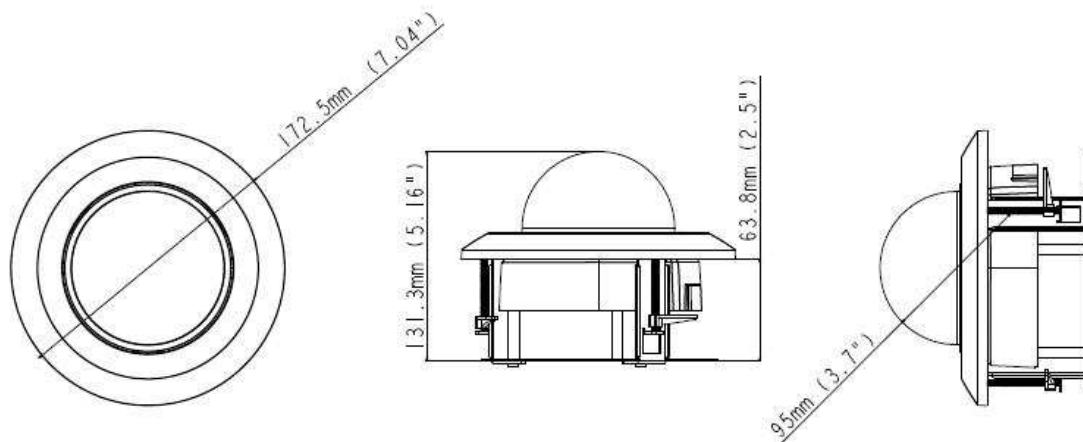


Dimensions

Hard-Ceiling Mount



In-Ceiling Mount



Specifications

Camera		
Image Sensor	1/1.8" progressive scan low lux CMOS	
Picture Elements	2592 (H) x 1944 (V)	
Minimum Illumination	Color	0.04 Lux
	B/W	0.03 Lux
	IR ON	0 Lux
Shutter Speed	Automatic, Manual (1/5 ~ 1/16000 sec.)	
White Balance	Automatic, Manual (2800K ~ 8500K)	
Gain Control	Automatic	
S/N Ratio	50 dB	
WDR	Yes	
Dynamic Range	Up to 72 dB	
Lens		
Megapixel	Yes	
Day/Night	Yes (with removable IR-cut filter)	
Focal Length	4 ~ 8 mm	
Lens Type	Varifocal	
Maximum Aperture	F/1.65	

Mount	Ø14 mm	
Horizontal FOV	90° ~ 48°	
Image Format	1/1.8"	
Operation	Focus	Manual (w/lock)
	Zoom	Manual (w/lock)
	Iris	P-Iris
Max. Torque (Focus / Zoom Screws)	0.049 N.m	
IR LED Quantity	4 IR LEDs	
Max. IR Distance	30 m (98.4 ft)	
Operation		
Video Compression	H.265, H.264, MJPEG	
Video Streaming	Stream 1 from H.265 or H.264 Stream 2 from H.265, H.264 or MJPEG	
Frame Rate	50 Hz: 25 fps at 2592 x 1944, 25 fps at 2592 x 1520 60 Hz: 30 fps at 2592 x 1944, 30 fps at 2592 x 1520 * The frame rate and performance may vary depending on the number of connections and data bit-rates (different scenes).	
Image Setting	Brightness, Contrast, Saturation, Sharpness, Gamma, White Balance, Flicker-less, Image Orientation, Shutter Speed, Backlight Compensation, D/N Sensitivity, WDR, Defog, Low Lux Enhancement, Denoise, Metering	
Audio Compression	G.711	
Audio Support	Two-way Audio	
Sensor Input	1 Input (Dry Contact)	
Alarm Output	1 Digital Output (200mA 5V DC)	
Video Resolution		
Main Stream	4:3	2592 x 1944 (Default), 2048 x 1536, 1600 x 1200, 640 x 480
	16:9	2592 x 1520, 2304 x 1296, 1920 x 1080, 1280 x 720, 640 x 360
	5:4	1280 x 1024, 640 x 512
Sub Stream	4:3	1024 x 768, 640 x 480 (Default), 320 x 240
	16:9	1280 x 720, 640 x 360, 448 x 256
	5:4	1280 x 1024, 640 x 512, 320 x 256
Network		
Interface	10/100 Ethernet	
Ethernet Protocol	DHCP, DynDNS, FTP, HTTP, HTTPS, NTP, ONVIF (Profile S), QoS (DSCP), RTSP, SNMP, SMTP, TCP, UDP, UPnP, 3GPP/ISMA	
Mechanical		
Temperature Detector	Yes	
Camera Angle Adjustment	Pan	0° ~ 350°
	Tilt	0° ~ 75°
	Rotate	0° ~ 340°
Connectors	Power	2-pin terminal block, PoE
	Ethernet	Ethernet (10/100 Base-T), RJ-45 cable
	Audio	1 In (3.5 mm phone jack for microphone) 1 Out (3.5 mm phone jack for speaker)
	Digital I/O	3-pin terminal block, pitch 2.5 mm (0.1")
	Auto Iris	Yes (with varifocal lens)
	Local Storage	N/A
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 / PoE (IEEE 802.3af)	
Max. Power Consumption	12V DC, 6W	
Dimension	Ø125 x 99.5 mm (4.92" x 3.92")	
Weight	470 g (1.04 lb)	
Regulatory	CE, FCC, RCM, LVD, RoHS compliant	

Power over Ethernet	
PoE Standard	PoE (IEEE 802.3af Power over Ethernet / PD)
PoE Power Supply Type	End-Span and Mid-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, Wide Angle Lens Dewarping, Picture in Picture, Picture and Picture, Privacy Mask, Text overlay, Visual automation
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-System (GV-DVR/NVR), GV-Recording Server, GV-VMS
Smart Device Access	GV-Eye for iOS and Android
Live Viewing	Browser (IE, Chrome, Firefox, Safari), Mobile app
CMS Server support	GV-Control Center, GV-Center V2, GV-Vital Sign Monitor

Note:

- Specifications are subject to change without prior notice.
- H.265 decoding is only supported by GV-Eye V2.3 or later.


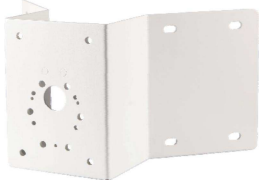
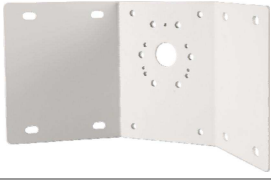





Packing List

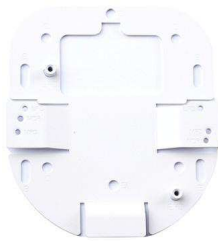
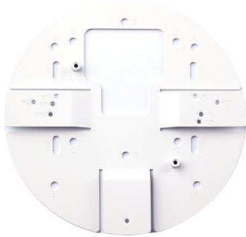




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|------------------------|----------------------------|
| 1. H.265 Fixed IP Dome | 6. Installation Sticker |
| 2. Screw x 3 | 7. DI/DO extend cable |
| 3. Screw Anchor x 3 | 8. Software Download Guide |
| 4. Torx Wrench | 9. Warranty Card |
| 5. TV-Out Wire | |

Note: Power adapters can be purchased upon request.

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: 123.3 x 393.1 mm (4.9 x 15.5") Weight: 2.96 kg (6.53 lb)
GV-Mount400	Pole Mount Bracket Kit (Ø 4 ~ 6")		Bracket: 241 x 161 mm (9.5 x 6.3") Weight: 1.70 kg (3.75 lb) Steel Strap Diameter: Ø 4 ~ 6"
GV-Mount410	Pole Mount Bracket Kit (Ø 6 ~ 7.5")		Bracket: 241 x 161 mm (9.5 x 6.3") Weight: 1.70 kg (3.75 lb) Steel Strap Diameter: Ø 6 ~ 7.5"
GV-Mount702	Extension Tube		Four options are available. Dimensions: Ø 5.4 x 10 or 20 or 30 or 50 cm (Ø 2.1 x 3.9 or 7.9 or 11.8 or 19.7") Weight: 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)
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 Box Mount		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-Mount915	In-Ceiling Mounting Kit for GV-EFD2101 / 3101		Dimensions: Ø 172.5 x 63.8 mm (Ø 7.04 x 2.5") Weight: 424 g (0.93 lb)
GV-Mount917	GV-EFD2101 / 3101 Dome Housing		Dimensions: Ø 186 x 97.5 mm (Ø 7.3 x 3.8") Weight: 948 g (2.09 lb)
GV-PA191 PoE Adapter			Dimensions (H x W x D): 43 x 69 x 40 mm (1.69 x 2.72 x 1.57") Weight: 130 g (0.29 lb)
GV-Relay V2	GV-Relay V2		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.
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.		
Power Adapter	Contact your sales representative for the countries and areas supported.		