GV-TDR2705 2MP H.265 Low Lux WDR Pro IR Mini Fixed Rugged IP Dome

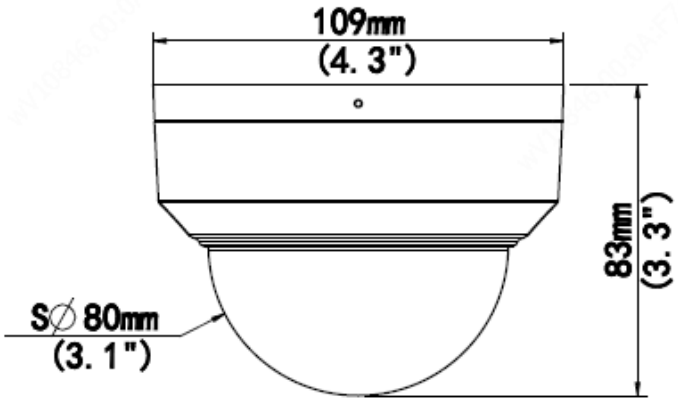


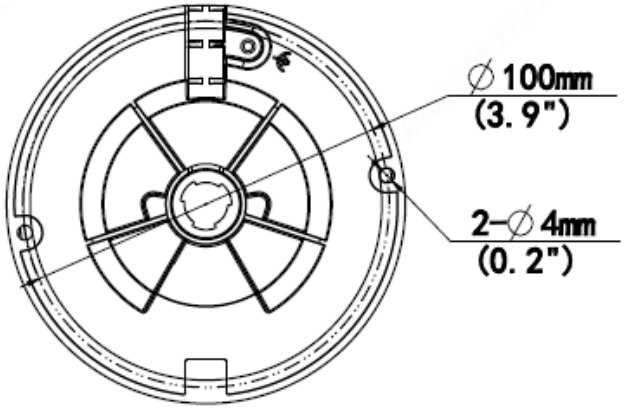
- 1/2.7" progressive scan CMOS sensor
- Min. illumination at 0.01 lux
- Dual streams from H.265, H.264 or MJPEG
- Up to 30 fps at 1920 x 1080
- Intelligent IR
- IR distance up to 30 m (100 ft)
- Built-in microphone
- Built-in micro SD card slot (SD / SDHC / SDXC / UHS-I, Class 10) for local storage
- 3-axis mechanism (pan / tilt / rotate)
- Day and night function (with removable IR-cut filter)
- Ingress protection (IP67)
- Vandal Resistance (IK10 for metal casing)
- DC 12V / PoE (IEEE 802.3af)
- Wide Dynamic Range (WDR Pro)
- Defog
- 3D noise reduction
- Motion detection
- Tampering alarm
- Text overlay
- Privacy mask
- 12 languages supported
- ONVIF (Profile G, S, T) conformant

Introduction

The Mini Fixed Rugged IP Dome is an outdoor, fixed, network camera equipped with an automatic IR-cut filter and an IR LED 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 bandwidths. It adheres to IP67 and IK10 standards, and can be powered through PoE.

Dimensions





Specifications

Camera		GV-TDR2705-2F			
Image Sensor		1/2.7" progressive scan CMOS			
Picture Elements		1920 (H) x 1080 (V)			
Minimum Illumination	Color	0.01 Lux (F2.0, AGC ON)			
	IR ON	0 Lux			
Shutter Speed		Auto / Manual (1 ~ 1/100,000 sec)			
White Balance		Auto / Manual			
Gain Control		Auto / Manual			
S/N Ratio		Up to 52 dB			
WDR Pro		Yes			
Dynamic Range		120 dB			
Lens					
Megapixel		2 MP			
Day / Night		Yes (with removable IR-cut filter)			
Lens Type		Fixed			
Focal Length		2.8 mm			
Maximum Aperture		F/2.0			
Mount		Ø 12 mm			
Horizontal FOV		112.9°			
Operation	Focus	Fixed			
	Zoom				
	Iris				
IR LED Quantity		1 IR LED			
Max. IR Distance		30 m (100 ft)			
DORI		**Detect**	**Observe**	**Recognize**	**Identify**
Lens	2.8 mm	42 m (137.7 ft)	16.8 m (51.1 ft)	8.4 m (27.5 ft)	4.2 m (13.7 ft)
Operation					
Video Compression		H.265, H.264, MJPEG			
Video Streaming		Dual streams from H.265, H.264 or MJPEG			
Video Resolution	Main Stream	1920 x 1080 (Default), 1280 x720			
	Sub Stream	1280 x 720, 720 x 576, 640 x 480, 640 x 360 (Default)			
Frame Rate		30 fps at 1920 x 1080 (60 / 50 Hz) *The frame rate and performance may vary depending on the number of connections and data bitrates (different scenes).			
Maximum throughput		50 Mbps			
Maximum stream *When the total bitrate is within the maximum throughput		6			
Video Analytics		Motion Detection, Tampering Alarm, Audio Detection, Cross Line, Intrusion *Tampering Alarm, Audio Detection, Cross Line, Intrusion are only accessible through the camera's Web interface, which can be used to trigger alerts such as e-mail and FTP.			
Image Setting		Brightness, Saturation, Contrast, Sharpness, Flicker-less, Image Orientation (Flip, Mirror, 0°, 90°, 180°, 270°-including Corridor format)			
Audio Compression		G.711			
Audio Support		One-way audio			
Network					
Interface		10/100 Ethernet			
Protocol		ARP, DHCP, DDNS, DNS, DynDNS, FTP, HTTP, HTTPS, ICMP, IGMP, IPv4, NTP, QoS, RTCP, RTP, RTSP, SMTP, SNMP, TCP, UDP, UPnP, ONVIF (Profile G, S, T)			
Mechanical					
Camera Angle Adjustment	Pan	3° ~ 360°			
	Tilt	0° ~ 68°			
	Rotate	3° ~ 360			

Connectors	Power	DC Jack (DC 12 V, 1.25 A), PoE	
	Ethernet	RJ-45 connector	
	Audio	Built-in microphone	Yes
		External microphone required	No
		Built-in speaker	No
		External speaker required	No
Connectors	Local Storage	Micro SD card slot (SD / SDHC / SDXC / UHS-I, Class 10) *UHS-II card type is not supported.	
General			
Operating Temperature		-30 °C ~ 60 °C (-22 °F ~ 140 °F)	
Humidity		0% ~ 95% (no condensation)	
Power Source		1.25A 12V DC / PoE (IEEE802.3af)	
Max. Power Consumption		5.0 W	
Dimensions		Ø 109 x 83 mm (Ø 4.3” x 3.3”)	
Weight		0.36 kg (0.79 lb)	
Ingress Protection		IP67	
Vandal Resistance		IK10	
Certification		FCC, CE, RoHS, UL compliant	
Web Interface			
Installation Management		Web-based configuration	
Maintenance		Firmware upgrade through Web Browser or GV-IP Device Utility	
Access from Web Browser		Live View, Video Recording, Change Video Quality, Bandwidth Control, Image Snapshot, Defog, Text Overlay, Image Masking	
Language		Czech, English, French, German, Hungarian, Italian, Japanese, Polish, Portuguese, Russian, Spanish, Traditional Chinese	
Applications			
Software Supported		GV-VMS (V17.4.8 / V18.3.3 / V20.0.0 or later), GV-Control Center (V4.2.1 or later), GV-Recording Server / Video Gateway (V2.1.1 or later), GV-Edge Recording Manager Windows Version (V2.2.8 or later), GV-IP Device Utility (V9.0.1 or later)	
Smart Device Access		GV-Eye for iOS / Android (V3.2.0 or later)	
Live Viewing		Browser (IE, Edge, Chrome, Firefox), Mobile App	

Note:

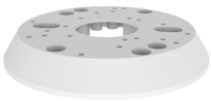
1. Do not use clothes or any ordinary material to clean the camera cover since they may result in scratches.
2. Specifications are subject to change without notice.

Packing List

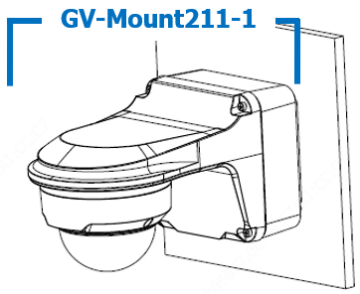
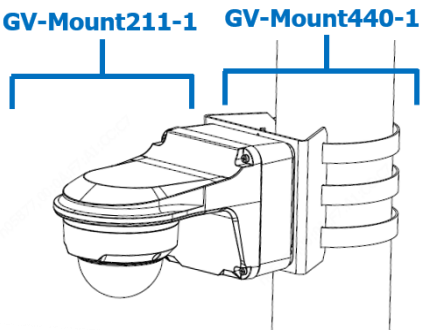
1. GV-TDR2705 Dome
2. Waterproof Rubber Set
3. Screw Kit
4. Torx Wrench
5. Drill Template Paster
6. Download Guide

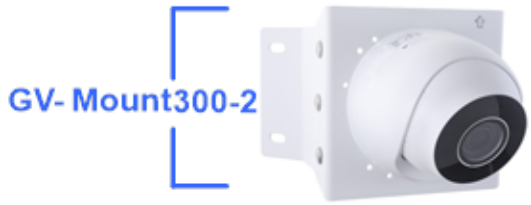
Accessories

Model No.	Name		Details
GV-Mount107 (must be used with GV-Mount213)	Pendant Bracket		Dimensions: Ø 120 x 334 mm (Ø 4.72” x 13.15”) Weight: 0.74 kg (1.63 lb)
GV-Mount211P	Wall Mount and Junction Box		Dimensions: Ø 233 x 125 x 125 mm (Ø 9.2” x 4.9” x 4.9”) Weight: 1 kg (2.2 lb)

GV-Mount211-1	Wall Mount and Junction Box		Dimensions: 235 x 126.2 x 128.5 mm (9.3” x 5.0” x 5.1”) Weight: 0.84 kg (1.85 lb)
GV-Mount213	Wall / Ceiling Box Mount		Dimensions: Ø 109 x 39 mm (Ø 4.3” x 1.5”) Weight: 0.2 kg (0.44 lb)
GV-Mount300-2	Convex Corner Mount		Dimensions: 137 x 233 x 160 mm (5.4” x 9.17” x 6.3”) Weight: 1.65 kg (3.64 lb)
GV-Mount310-2	Concave Corner Mount		Dimensions: 111.2 x 369.9 x 210 mm (2.6” x 11.4” x 6.6”) Weight: 1.65 kg (3.64 lb)
GV-Mount420 (must be used with GV-Mount211P)	Pole Mount Bracket		Dimensions: Ø 120 x 120 x 53.4 mm (Ø 4.7” x 4.7” x 2.1”) Weight: 0.45 kg (0.99 lb) Steel Strap Diameter: Ø 67 ~ 127 mm (Ø 2.6” ~ 5”)
GV-Mount440-1 (must be used with GV-Mount211P or GV-Mount211-1)	Pole Mount Bracket		Dimensions: 136 x 127 x 63.6 mm (5.4” x 5.0” x 2.5”) Weight: 0.34 kg (0.75 lb) Steel Strap Diameter: Ø 67 ~ 127 mm (Ø 2.6” ~ 5”)
GV-Mount704 (must be used with GV-Mount107)	Extension Tube		Dimensions: Ø 3.5 x 10 or 20 or 30 or 50 cm (Ø 1.38 x 3.9 or 7.9 or 11.8 or 19.7”) Weight: 225g or 360g or 500g or 780g (0.5 lb or 0.79 lb or 1.1 lb or 1.72 lb)
GV-Mount924 (for standard US single and double gang boxes only)	Power Box Mount Bracket		Dimensions: Ø 128 x 18.5 mm (Ø 5” x 0.7”) Weight: 0.15 kg (0.33 lb)
GV-PA301	Gigabit PoE Adapter		GV-PA301 is a Gigabit Power over Ethernet (PoE) adapter.
GV-PA191	PoE Adapter		GV-PA191 is a Power over Ethernet (PoE) adapter designed to provide power to the IP device through a single Ethernet cable.
GV-POE Switch		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 our sales representatives for the countries and areas supported.	

Mounting Type

Wall Mount with Junction Box	Pole Mount
GV-Mount211-1	GV-Mount211-1 + GV-Mount440-1
	

Convex Corner Mount	Concave Corner Mount
GV-Mount300-2	GV-Mount310-2
	

Convex / Concave Corner Mount	Convex / Concave Corner Mount
GV-Mount211P / 211-1 + GV-Mount300-2 / 310-2	GV-Mount213 + GV-Mount300-2 / 310-2
