

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

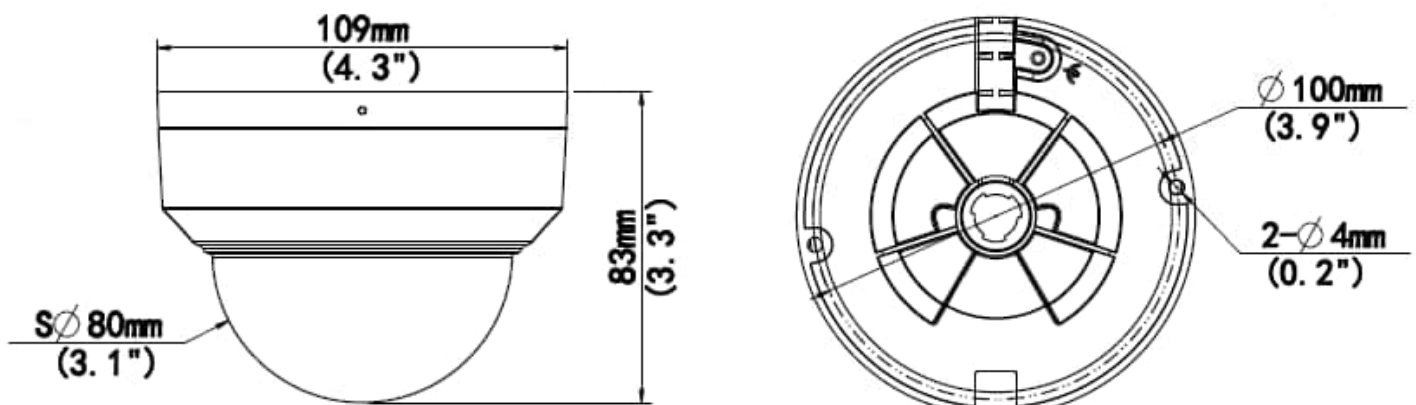


- 1/2.7" progressive scan CMOS sensor
- Min. illumination at 0.01 lux
- Dual streams from H.265, H.264 or MJPEG
- Up to 30 fps at 1920 x 1080
- Intelligent IR
- IR distance up to 30 m (100 ft)
- Built-in microphone
- Built-in micro SD card slot (SD / SDHC / SDXC / UHS-I, Class 10) for local storage
- 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 x 720			
	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).			
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 (V17.4.7 / V18.3.2 or later), GV-Control Center (V4.2.1, coming soon), GV-Recording Server / Video Gateway (V2.1.1 or later), GV-Edge Recording Manager Windows Version (V2.2.7 or later)	
Smart Device Access	GV-Eye for iOS / Android (V3.1.1) 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

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|--------------------------|--------------------------|
| 1. GV-TDR2705 Dome | 4. Torx Wrench |
| 2. Waterproof Rubber Set | 5. Drill Template Paster |
| 3. Screw Kit | 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-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: \varnothing 120 x 120 x 53.4 mm (\varnothing 4.7" x 4.7" x 2.1") Weight: 0.45 kg (0.99 lb) Steel Strap Diameter: \varnothing 67 ~ 127 mm (\varnothing 2.6" ~ 5")
GV-Mount704 (must be used with GV-Mount107)	Extension Tube		Dimensions: \varnothing 3.5 x 10 or 20 or 30 or 50 cm (\varnothing 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: \varnothing 128 x 18.5 mm (\varnothing 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		The 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			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 our sales representatives for the countries and areas supported.