GV-TDR4704   4MP H.265 Super Low Lux WDR Pro IR Mini Fixed Rugged IP Dome

- 1/3" progressive scan super low lux CMOS sensor
- Min. illumination at 0.003 lux
- Dual streams from H.265, H.264 or MJPEG
- Up to 30 fps at 2688 x 1520
- Intelligent IR
- Day and night function (with removable IR-cut filter)
- Wide Dynamic Range Pro (WDR Pro)
- IR distance up to 30 m (100 ft)
- Built-in micro SD card slot (SD / SDHC / SDXC / UHS-I) for local storage
- 3-axis mechanism (pan / tilt / rotate)
- Ingress protection (IP67)
- Vandal Resistance (IK10)
- DC 12 V / PoE (IEEE 802.3af)
- Defog
- 3D noise reduction
- Motion detection
- Text overlay
- Privacy mask
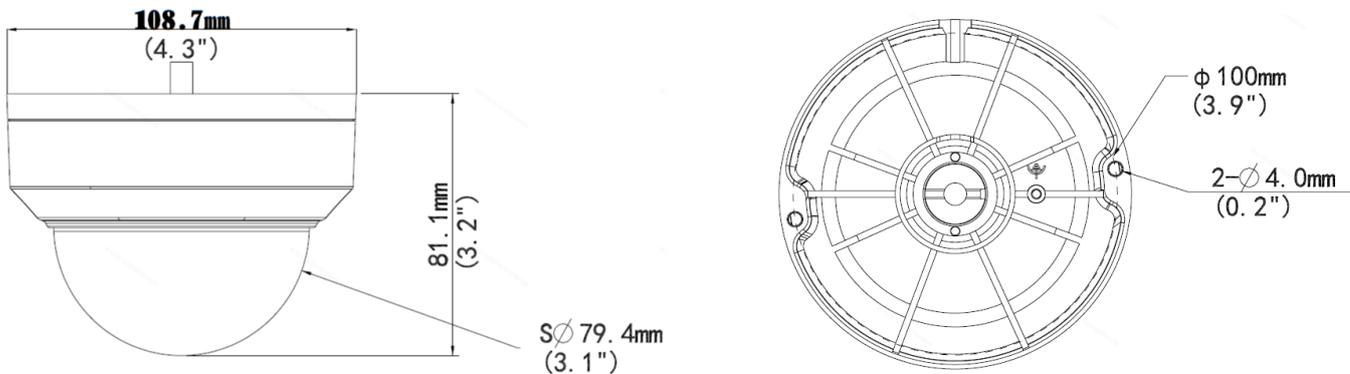- 12 languages supported
- ONVIF (Profile G, S,T) conformant

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. With its WDR Pro, it can process scenes with contrasting intensity of lights and produce clear image.

Models

Model	Iris	Focal Length (mm)	Horizontal FOV	Maximum Aperture	Image Format
GV-TDR4704-2F	Fixed	2.8 mm	101°	F/1.6	1/3"
GV-TDR4704-4F		4 mm	83.7°		

Dimensions

Specifications

Camera		
Image Sensor	1/3" progressive scan super low lux CMOS	
Picture Elements	2688 (H) x 1520 (V)	
Minimum Illumination	Color	0.003 Lux (F1.6, AGC ON)
	IR ON	0 Lux
Shutter Speed	Auto / Manual (1 ~ 1/100000s)	
White Balance	Auto / Manual	
Gain Control	Auto / Manual	
S/N Ratio	56 dB	
WDR Pro	Yes	
Dynamic Range	120 dB	

Lens		GV-TDR4704-2F	GV-TDR4704-4F
Megapixel		4 MP	
Day / Night		Yes (with removable IR-cut filter)	
Lens Type		Fixed	
Focal Length		2.8 mm	4 mm
Maximum Aperture		F/1.6	
Mount		M12	
Horizontal FOV		101°	83.7°
Operation	Focus	Fixed	
	Zoom		
	Iris		
IR LED Quantity		1 IR LED	
Max. IR Distance		30 m (100 ft)	

Operation		
Video Compression	H.265, H.264, MJPEG	
Video Streaming	Dual streams from H.265, H.264 or MJPEG	
Video Resolution	Main Stream	2688 x 1520 (Default),2560 x 1440, 2304 x 1296, 1920 x 1080, 1280 x 720
	Sub Stream	1280 x 720, 720 x 576, 704 x 288, 640 x 480, 640 x 360 (Default), 352 x 288
Frame Rate	30 fps at 2688 x 1520 (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 , Cross Line, Intrusion *Tampering Alarm, 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, Contrast, Saturation, Sharpness, Flicker-less, Image Orientation (Flip, Mirror, 0°, 90°, 180°, 270°-including Corridor format)	

Network		
Interface	10/100 Ethernet	
Protocol	802.1x, ARP, DHCP, DDNS, DNS, DynDNS, FTP, HTTP, HTTPS, ICMP, IGMP, IPv4, NTP, PPPoE, QoS, RTCP, RTP, RTSP, SMTP, SNMP, TCP, UDP, UPnP, ONVIF (Profile G, S, T)	

Mechanical		
Temperature Detector	No	
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
	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	12 V DC / PoE (IEEE802.3af)
Max. Power Consumption	5.5 W
Dimensions	Ø 108.7 x 81.1 mm (Ø4.3" x 3.2")

Weight	0.35 kg (0.77 lb)
Ingress Protection	IP67
Vandal Resistance	IK10
Regulatory	FCC, CE, RoHS 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 (V17.4.1 / V18.2.1), GV-DVR / NVR (V8.9.1), GV-Control Center (V3.8.0), GV-Recording Server / Video Gateway (V2.0.0), GV-Edge Recording Manager Win version (V2.0.0), GV-Redundant / Failover Server (V1.2.0), GV-Mobile Server (V1.5.0.0)
Smart Device Access	GV-Eye for iOS and Android
Live Viewing	Browser (IE, Firefox, Safari), Mobile App

Note:

1. It is required to apply patch files to some or all of the supported software.
2. Do not use clothes or any ordinary material to clean the camera cover since they may result in scratches.
3. Specifications are subject to change without notice.

Packing List

1. GV-TDR4704 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-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-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: 225 g or 360 g or 500 g or 780 g (0.5 lb or 0.79 lb or 1.1 lb or 1.72 lb)
GV-PA191	Power over Ethernet (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		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.	