

GV-TFD4800 AI 4MP H.265 Super Low Lux WDR Pro IR Mini Fixed IP

Dome



- Apprendimento profondo AI: Protezione del perimetro AI e classificazione (Umano e Veicolo)
- Sensore CMOS da 1/2.7" a scansione progressiva
- Illuminazione minima a 0,003 lux
- Triple stream da H.265, H.264 e MJPEG
- Fino a 30 fps a 2688 x 1520
- IR intelligente
- Funzione giorno e notte (con filtro IR-cut rimovibile)
- Wide Dynamic Range Pro (WDR Pro)
- Distanza IR fino a 30 m (100 ft)
- Slot per scheda micro SD integrato (SD / SDHC / SDXC / UHS-I, Classe 10) per l'archiviazione locale
- Meccanismo a 3 assi (pan / tilt / rotazione)
- Capacità audio bidirezionale
- Un ingresso sensore e una uscita allarme
- DC 12V / PoE (IEEE 802.3af)
- Senza Pigtail
- Microfono integrato
- Defog
- Riduzione del rumore 3D
- Rilevamento movimento
- Sovrapposizione testo
- Privacy mask
- Allarme manomissione
- Supporto app per smartphone
- Supporto di 12 lingue
- Conforme a ONVIF (Profilo G, S, T)

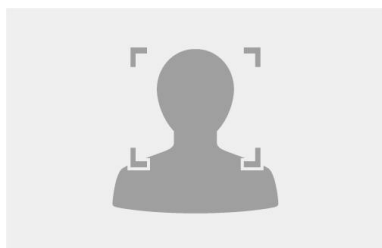
Introduzione

GV-TFD4800 è una telecamera di rete interna, fissa, dotata di un filtro IR-cut automatico e di un LED IR per la sorveglianza giorno e notte. La telecamera supporta il codec video H.265 per ottenere un migliore rapporto di compressione mantenendo immagini di alta qualità a larghezze di banda di rete ridotte. Grazie al sensore d'immagine CMOS super low lux, la telecamera è in grado di fornire una visualizzazione a colori dal vivo quasi al buio.

Potenziata da algoritmi di deep learning, la tecnologia AI distingue umani e veicoli dagli altri oggetti in movimento. Integrata con il Software di Gestione Video (VMS) di GeoVision, supporta la protezione del perimetro AI, allerte in tempo reale, riproduzione e altro.

Deep Learning Function

Face Detection



AI Perimeter Protection

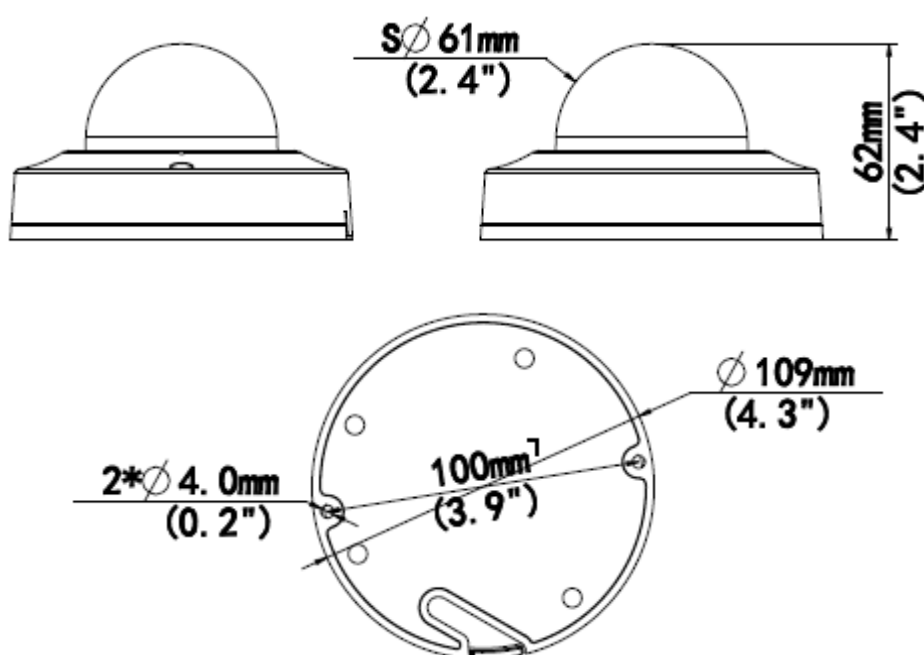
(Intrusion, Crossing Line
Entering Area, Leaving Area)



People Counting



Dimensions



Specifications

Camera		
Image Sensor		1/2.7" progressive scan CMOS
Picture Elements		2688 (H) x 1520 (V)
Minimum Illumination	Color	0.003Lux (F1.6, AGC ON)
	IR On	0 Lux
Shutter Speed		Auto / Manual (1 ~ 1/100000 sec)
White Balance		Auto / Manual
Gain Control		Auto / Manual
S/N Ratio		52 dB
WDR Pro		Yes
Dynamic Range		120 dB
Lens		
Megapixel		Yes
Day/Night		Yes (with removable IR-cut filter)
Focal Length		2.8 mm
Lens Type		Fixed
Maximum Aperture		F/1.6
Mount		M12
Horizontal FOV		101.1°

Operation	Focus	Fixed
	Zoom	Fixed
	Iris	Fixed
IR LED Quantity		1 IR LED
Max. IR Distance		30 m (100 ft)
DORI		Detect Observe Recognize Identify
Lens	2.8 mm	63 m (206.7 ft) 25.2 m (82.7 ft) 12.6 m (41.3 ft) 6.3 m (20.7 ft)
Operation		
Video Compression		H.265, H.264, MJPEG
Video Streaming		Triple 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, 640 x 480, 640 x 360 (Default)
	Third Stream (Closed by Default)	720 x 576, 704 x 288, 640 x 360, 352 x 288
Frame Rate		30 fps at 2688 x 1520, 30 fps at 2560 x 1440, 30 fps at 2304 x 1296, 30 fps at 1920x 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 *Tampering alarm and audio detection 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, 3D Noise Reduction, Image Orientation (Flip, Mirror, 0°, 90°, 180°, 270°-including Corridor format), Exposure Mode, Shutter Speed, Gain Control, Slow Shutter, Metering Control, D/N Sensitivity, WDR, Smart Illumination, White Balance, Defog
Audio Compression		G.711
Audio Support		Two-way audio (external speaker required)
Digital I/O	Input	1 Input, dry contact, NO / NC
	Output	1 Relay Output (1A 30V DC / 0.3A 125V AC)
Network		
Interface		10 /100 Ethernet
Protocol		802.1x , ARP, DHCP, DDNS, DNS, FTP, HTTP, HTTPS, ICMP, IGMP, IPv4, IPv6, NTP, PPPoE, QoS, RTCP, RTP, RTSP, SMTP, SNMP, TCP, UDP, UPnP, ONVIF (Profile G, S, T)
Deep Learning Function		
AI Analytics		Intrusion, Cross Line, Enter Area, Face Detection, Leave Area (Human & Vehicle classification), People Flow Counting, Crowd Density Monitoring
Mechanical		
Camera Angle Adjustment	Pan	0° ~ 348°
	Tilt	-66° ~ 66°
	Rotate	0°~ 346°
Connectors	Power	Terminal block (DC 12 V, 1.25 A), PoE
	Ethernet	RJ-45 connector
	Audio	1 In (built-in microphone or terminal block), 1 out (terminal block)
	Digital I/O	Terminal block
	Local Storage	Micro SD card slot (SD / SDHC / SDXC / UHS-I, Class 10) * UHS-II card type is not supported.
General		
Operating Temperature		-30° ~ 55°C (-22° ~ 131°F)
Humidity		0 ~ 95% (no condensation)
Power Source		12 V DC / PoE (IEEE802.3af)
Max. Power Consumption		4.5 W
Dimensions		Ø 109 x 62 mm (Ø 4.3" x 2.4")
Weight		0.22 kg (0.49 lb)
Certification		CE, FCC, LVD, 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, Text Overlay, Image Masking
Language	Czech, English, French, German, Hungarian, Italian, Japanese, Polish, Portuguese, Russian, Spanish, Traditional Chinese
Software Applications	
Software Supported	GV-DVR / NVR (V8.9.1), GV-VMS (V17.4.5 / V18.3.0), GV-Control Center (V3.8.0 / V4.0.1), GV-Edge Recording Manager Windows Version (V2.2.0), GV-Recording Server / Video Gateway (V2.0.2), GV-Redundant / Failover Server (V1.2.0), GV-Mobile Server (V1.5.1), GV-AI Guard (V1.0.0)
Smart Device Access	GV-Eye for iOS and Android
Live Viewing	Browser (IE, Edge, Chrome, Firefox, Safari), Mobile APP

Note:

1. It is required to apply patch files to some 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-TFD4800 Fixed Dome
2. Screw Kit
3. Drill Template Paster
4. Torx Wrench
5. Download Guide

Accessories

Model No.	Name		Details
GV-Mount107 (must be used with GV-Mount 213)	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 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") Steel Strap Diameter: Ø 67 ~ 127 mm (Ø 2.6" ~ 5") Weight: 0.45 kg (0.99 lb)

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 780g (0.5 lb or 0.79 lb or 1.1 lb or 1.72 lb)
GV-PA191	Power over Ethernet (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.