

GV-TDR4803 AI 4MP H.265 Super Low Lux WDR Pro IR Mini Fixed Rugged IP

Dome



- AI deep learning: Protezione del perimetro AI e classificazione (Umano, Veicolo)
- Sensore CMOS super low lux da 1/3" a scansione progressiva
- Illuminazione minima a 0,003 lux
- Flussi tripli da H.265, H.264 o MJPEG
- Wide Dynamic Range Pro (WDR Pro)
- Fino a 30 fps a 2688 x 1520
- IR intelligente
- Funzione giorno e notte (con filtro IR-cut rimovibile)
- 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
- Mecanismo a 3 assi (pan / tilt / rotazione)
- Protezione contro l'ingresso (IP67)
- Resistenza al vandalismo (IK10)
- Capacità audio bidirezionale
- DC 12V / PoE (IEEE 802.3af)
- Conforme a ONVIF (Profilo G, S, T)

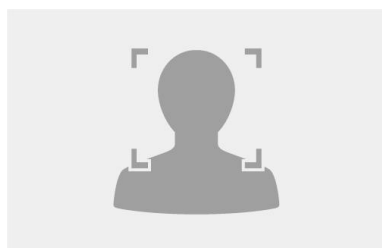
Introduzione

GV-TDR4803 è una telecamera di rete esterna, 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. La telecamera si attiene agli standard IP67 e IK10, e può essere alimentata tramite PoE.

Potenziata da algoritmi di deep learning, la tecnologia AI distingue umani e veicoli da 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 di eventi e altro.

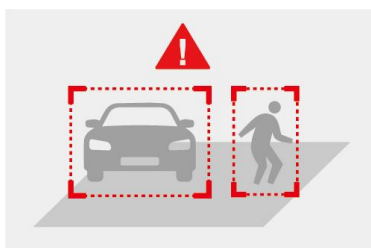
Deep Learning Function

Face Detection

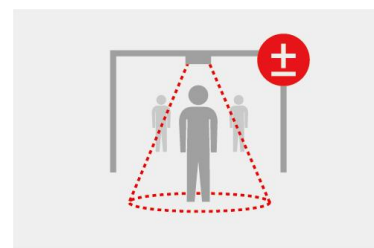


AI Perimeter Protection

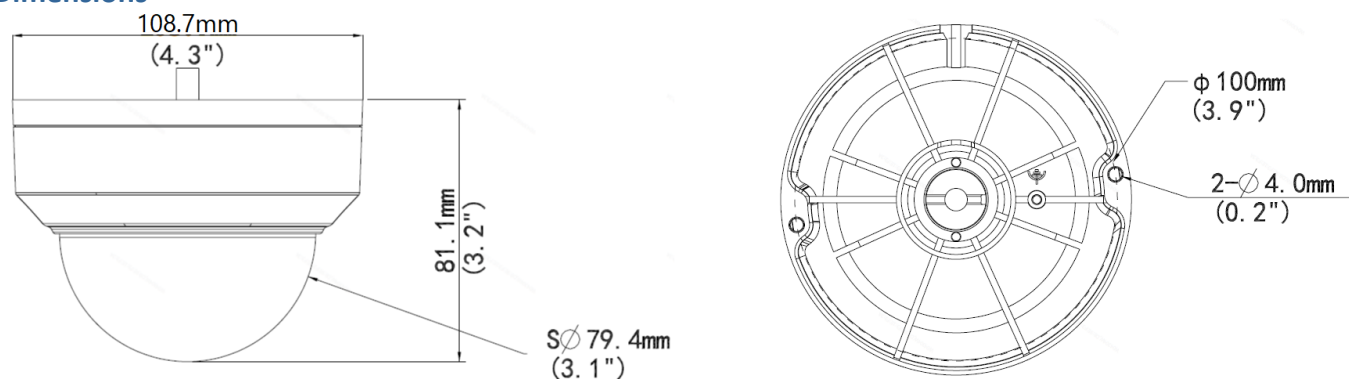
(Intrusion, Crossing Line
Entering Area, Leaving Area)



People Flow Counting



Dimensions



Specifiche

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 ~ 1/100000 sec)			
White Balance		Automatic, Manual			
Gain Control		Automatic, Manual			
S/N Ratio		56 dB			
WDR Pro		Yes			
Dynamic Range		120 dB			
Lens					
Megapixel		4M			
Day / Night		Yes (with removable IR-cut filter)			
Lens Type		Fixed			
Focal Length		2.8 mm			
Maximum Aperture		F/1.6			
Mount		M12			
Horizontal FOV		101°			
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			
Frame Rate		30 fps at 2688 x 1520, 30 fps at 2560 x 1440, 30 fps at 2304 x 1296, 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 *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, Image Orientation (Flip, Mirror, 90°, 180°)			
Audio Compression		G.711			
Audio Support		Two-way Audio (external microphone and speaker required)			
Digital I/O	Input	1 Input, dry contact, NO / NC			
	Output	1 Relay Output (1A 30V DC / 0.3A 125V AC)			

Face Detection

Environment		100 lux
Detectable face angle	Tilt (Up/Down)	≤ 10°
	Swing (Left/Right)	≤ 30°
Max. number of faces		Up to 40
Min. face image pixel requirement		80 pixels

Deep Learning Function

AI Analytics	Intrusion, Crossing Line, Entering Area, Face Detection, Leaving Area (Human & Vehicle classification), People Flow Counting, Crowd Density Monitoring
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Network

Interface	10/100 Base-TX Ethernet
Protocol	802.1x, ARP, DHCP, DDNS, DNS, DynDNS, FTP, HTTP, HTTPS, ICMP, IGMP, IPv4, IPv6, NTP, PPPoE, QoS, RTCP, RTP, RTSP, SMTP, SNMP, TCP, UDP, UPnP, ONVIF (Profile G, S, T)

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 360 (Default), 640 x 480
Third Stream (Closed by Default)	720 x 576, 704 x 288, 640 x 360, 352 x 288

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
	Audio	1 in (Audio In Wire); 1 out (Audio Out Wire) *The Audio In port only support microphones with power supply.
	Digital I/O	I/O wires
	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	4.5 W
Dimensions	Ø 108.7 x 81.1 mm (Ø4.3" x 3.2")
Weight	0.42 kg (0.93 lb)
Ingress Protection	IP67
Vandal Resistant	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 (V8.7.2.1)
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 (V17.4.2 / 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 (V1.5.1)
Smart Device Access	GV-Eye for iOS and Android
Live Viewing	Browser (IE, Edge, Chrome, Firefox, Safari), Mobile App

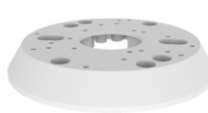
Note:

1. Patch files are required for some 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-TDR4803 Mini Dome
2. Waterproof Rubber Set
3. Screw Kit
4. Drill Template Paster
5. Torx Wrench
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-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-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			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.