

GV-TVD4810 AI 4MP H.265 5x Zoom Super Low Lux WDR Pro IR Vandal Proof

IP Dome



- Protezione perimetrale AI e classificazione tramite apprendimento profondo (Umano, Veicolo)
- Sensore CMOS super low lux a scansione progressiva da 1/3"
- Illuminazione minima a 0.002 lux
- Triple stream da H.265, H.264 e MJPEG
- Ampio intervallo dinamico Pro (WDR Pro)
- Fino a 30 fps a 2688 x 1520
- Lente motorizzata per regolazione remota di fuoco e zoom
- IR intelligente
- Distanza IR fino a 40 m (130 piedi)
- Funzione giorno e notte (con filtro IR-cut rimovibile)
- Resistenza al vandalismo (IK10 per la cassa in metallo)
- Protezione all'ingresso (IP67)
- Meccanismo a 3 assi (pan / tilt / rotate)
- Slot per scheda micro SD integrato (SD / SDHC / SDXC / UHS-I, Classe 10) per archiviazione locale
- Microfono integrato
- Capacità audio bidirezionale
- DC 12V / PoE (IEEE 802.3af)
- Conformità ONVIF (Profilo G, S, T)

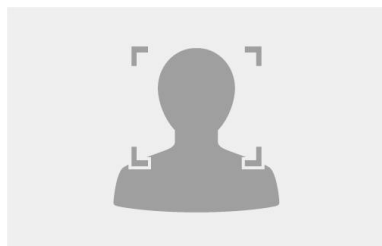
Introduzione

GV-TVD4810 è una telecamera di rete da esterno dotata di un filtro IR-cut automatico e di LED IR per la sorveglianza diurna e notturna. La telecamera supporta il codec video H.265 per ottenere un migliore rapporto di compressione mantenendo al contempo immagini di alta qualità a larghezze di banda di rete ridotte. La telecamera è conforme agli standard IK10 e IP67 e può essere alimentata tramite PoE.

Potenziata da algoritmi di apprendimento profondo, la tecnologia AI distingue umani e veicoli da altri oggetti in movimento. Integrata con il software di gestione video GeoVision (VMS), supporta la protezione perimetrale AI, l'allarme in tempo reale, la riproduzione degli eventi e altro ancora.

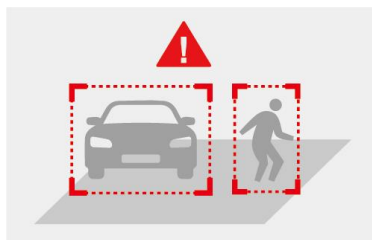
Deep Learning Function

Face Detection

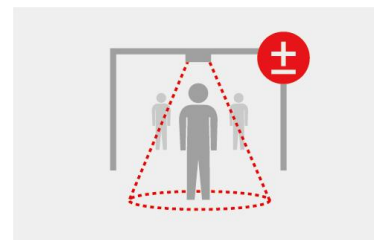


AI Perimeter Protection

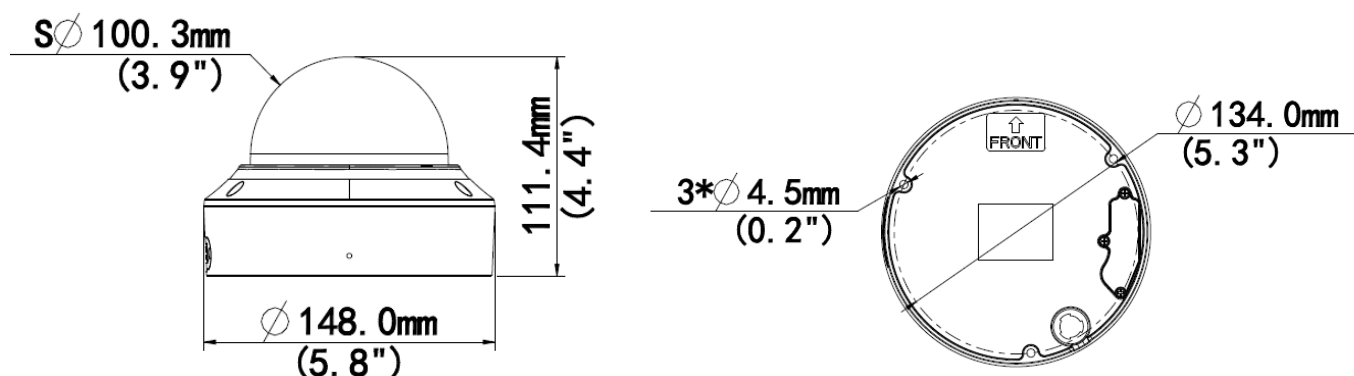
(Intrusion, Crossing Line
Entering Area, Leaving Area)



People Flow Counting



Dimensions



Specifications

Camera					
Image Sensor		1/3" progressive scan super low lux CMOS			
Picture Elements		2688(H) x 1520 (V)			
Minimum Illumination	Color	0.002 Lux (F1.2, AGC ON)			
	IR On	0 Lux			
Shutter Speed		Automatic, 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		4 MP			
Day/Night		Yes (with removable IR-cut filter)			
Focal Length		2.7 ~ 13.5mm			
Lens Type		Motorized varifocal lens			
Maximum Aperture		F/1.2			
Mount		Ø14 mm			
Horizontal FOV		98~ 31°			
Operation	Focus	Automatic / Manual			
	Zoom	5x Optical Zoom			
	Iris	Fixed			
IR LED Quantity		2 IR LEDs			
Max. IR Distance		40 m (130 ft)			
DORI		Detect	Observe	Recognize	Identify
Lens	2.7 mm	60.8 m (199.5 ft)	24.3 m (79.7 ft)	12.2 m (40 ft)	6.1 m (20 ft)
	13.5 mm	303.8 m (996.7 ft)	121.5 m (398.6 ft)	60.8 m (199.5 ft)	30.4 m (99.7 ft)
Operation					
Video Compression		H.265, H.264, MJPEG			
Video Streaming		Triple streams			
Frame Rate		30 fps at 2688 x 1520, 30 fps at 2560 x 1440, 30 fps at 2304 x1296 (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)			
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)
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
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
Network		
Interface		10/100 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)
Mechanical		
Camera Angle Adjustment	Pan	0 ~ 355°
	Tilt	0 ~ 80°
	Rotate	0 ~ 355°
Connectors	Power	DC JACK (DC 12 V, 1.25 A), PoE
	Ethernet	RJ-45
	Audio	1 In (built-in or external microphone with power supply); 1 Out (Audio Out Wire)
	Digital I/O	4-pin terminal block pitch 3.5 mm (0.14")
	Local Storage	Micro SD card slot (SD / SDHC / SDXC / UHS-I, Class 10) * UHS-II card type is not supported.
General		
Operating Temperature		-30~ 60°C (-22 ~ 140°F)
Humidity		0 ~ 95% (no condensation)
Power Source		12 V DC / PoE (IEEE802.3af)
Max. Power Consumption		7.0 W
Dimensions		Ø 148 x 111 mm (Ø 5.8 x 4.4")
Weight		0.92 kg (2.03 lb)
Ingress Protection		IP67
Vandal Resistance		IK10 for metal casing
Certification		CE, FCC, RoHS, UL compliant
Web Interface		
Installation Management		Web-based configuration
Maintenance		Firmware upgrade through Web Browser or 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
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 (Chrome, Edge, 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

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|--------------------------|--------------------------|
| 1. GV-TVD4810 Dome | 4. Drill Template Paster |
| 2. Waterproof Rubber Set | 5. Torx Wrench |
| 3. Screw Kit | 6. Download Guide |

Accessories

Model No.	Name		Details
GV-Mount107 (must be used with GV-Mount 212-2)	Pendant Bracket		Dimensions: Ø 120 x 334 mm (Ø 4.72" x 13.15") Weight: 0.74 kg (1.63 lb)
GV-Mount211-2	Wall Mount and Junction Box		Dimensions: Ø 253 x 125 x 125 mm (Ø 10 x 4.9 x 4.9") Weight: 1 kg (2.2 lb)
GV-Mount212-2	Wall Box Mount		Dimensions: Ø 126 x 36 mm (Ø 5.0 x 1.4") Weight: 0.22 kg (0.48 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-Mount211-2)	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-Mount606	In-Ceiling Mount		Dimensions: Ø 235 x 63 mm (Ø 9.3" x 2.5") In-ceiling hole: Ø 195 mm (Ø 7.67") Weight: 0.49 kg (1.1 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: 225g or 360g or 500g or 780g (0.5 lb or 0.79 lb or 1.1 lb or 1.72 lb)
GV-Mount921 (for standard US single and double gang boxes only)	Power Box Mount Bracket		Dimensions: Ø 145 x 13 mm (Ø 5.7" x 0.5") Weight: 0.13 kg (0.29 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.		