

GV-TMBL5800 AI 5MP H.265 Super Low Lux WDR Pro Thermal & Optical IR

Fixed Bullet IP Camera



Certificazioni CyberSecurity e presso
Lab. certificati Accredia

[Termica]

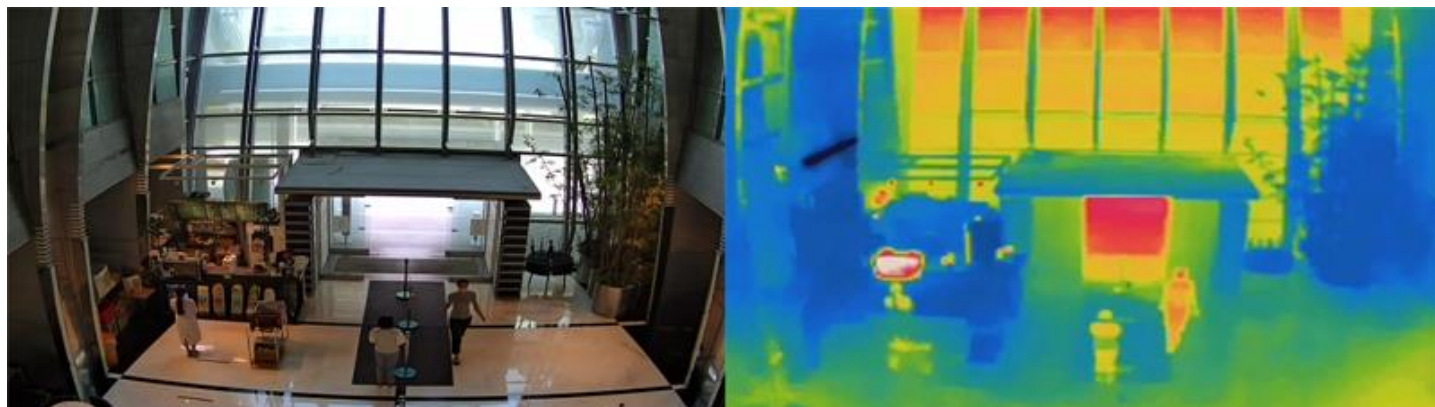
- Rilevatore ossido di vanadio, non raffreddato, con pixel da 12 µm
- Sensibilità termica: ≤50 mK (a 25°C, F#=1.0)
- Intervallo spettrale: 8 ~ 14 µm
- Fino a 25 fotogrammi al secondo a 256 x 192 (risoluzione in uscita 1280 x 720)
- Analisi video con Intelligenza Artificiale (rilevamento incendi, allarme per anomalie di temperatura, attraversamento linea, intrusione in area, ingresso in area, uscita da area)
- Avviso sonoro e luminoso

[Optical]

- Apprendimento profondo con intelligenza artificiale: protezione perimetrale AI e classificazione (persone, veicoli)
- Sensore CMOS da 1/2.7" con scansione progressiva
- Illuminazione minima: 0,02 lux
- Triplo streaming con codifiche H.265, H.264 e MJPEG
- Fino a 30 fotogrammi al secondo a 2592 x 1994
- Intelligent IR
- Distanza IR fino a 30 metri (100 piedi)
- Funzione giorno/notte (con filtro IR removibile)
- Grado di protezione IP66 contro polvere e getti d'acqua potenti
- DC 12V / PoE (IEEE 802.3af)
- Slot per scheda microSD integrato (SD / SDHC / SDXC / UHS-I) per archiviazione locale
- Altoparlante integrato
- Supporta audio bidirezionale
- Ampia Gamma Dinamica Pro (WDR Pro)
- Funzione anti-nebbia
- Tecnologia 3D di riduzione del rumore digitale
- Analisi video con Intelligenza Artificiale (attraversamento linea, ingresso in area, uscita da area, conteggio bersagli tramite linea, intrusione in area, rilevamento permanenza, rilevamento parcheggio non autorizzato, rilevamento volti)
- Deterrenza attiva: avviso sonoro e luminoso in caso di rilevamento di eventi tramite AI
- Fusione doppia immagine: sovrapposizione delle immagini dei canali termico e ottico
- Rilevamento del movimento
- Visualizzazione di testo sullo schermo
- Area di mascheramento per la tutela della privacy
- Supporta 12 lingue
- Conforme a ONVIF (Profili G, S, T, M)

GV-TMBL5800 è una telecamera termica dotata di intelligenza artificiale che combina anche sovrapposte, immagini termiche e ottiche per la protezione perimetrale e la prevenzione incendi. La telecamera termica è in grado di rilevare incendi e misurare temperature predefinite, attivando luci e allarmi. Anche in condizioni di scarsa illuminazione o ambienti difficili, grazie all'analisi video basata su AI, è capace di rilevare intrusioni con un numero minimo di falsi allarmi. La telecamera è conforme allo standard IP66 ed è alimentabile tramite PoE. GV-TMBL5800 è anche una telecamera con funzione di deterrenza attiva. È in grado di scoraggiare gli intrusi e prevenire potenziali crimini grazie alla Luce bianca integrata e all'allarme sonoro.

Live View



Specifiche

Camera – Thermal		
Image Sensor		Vanadium oxide uncooled focal plane detector
Picture Elements		256 (H) x 192 (V) (the resolution of output image is 1280 x 720)
Pixel Size		12 um
Thermal Sensitivity		≤50 mK (@25°C, F#=1.0)
Spectral Range		8 ~ 14 um
Gain Control		Auto, Manual
Focal Length		3.2 mm
Maximum Aperture		F/1.1
FOV	Horizontal	56°
	Vertical	42.2°
	Diagonal	66.6°
Min. Focusing Distance		0.5 m (1.5 ft)
Color Palettes		Black hot, White hot, Iron Oxide Red, Rainbow, Lava
Camera – Optical		
Image Sensor		1/2.7” progressive scan CMOS
Picture Elements		2592 (H) x 1944 (V)
Minimum Illumination	Color	0.02 Lux (F1.6, AGC ON)
	IR On	0 Lux
Shutter Speed		Auto / Manual (1/3 ~ 1/100000 sec)
White Balance		Auto / Manual
Gain control		Auto / Manual
S/N Ratio		50 dB
WDR		WDR Pro
Dynamic Range		Up to 120 dB
Megapixel		5MP
Day / Night		Yes (with removable IR-cut filter)
Lens Type		Fixed
Focal Length		4 mm
Maximum Aperture		F/1.6
Mount		M12
FOV	Horizontal	81°
	Vertical	56.7°
	Diagonal	90.3°

Operation		Focus	Fixed			
		Zoom				
		Iris				
IR LED Quantity			2 IR LEDs			
Max. IR Distance			30 m (100 ft)			
DORI			Detect	Observe	Recognize	Identify
Lens	Thermal (Human: 0.75 m in width)	3.2 mm	133 m (436.4 ft)	N/A	33 m (108.3 ft)	17 m (55.8 ft)
	Thermal (Vehicle: 2.3 m in width)	3.2 mm	409 m (1341.9 ft)	N/A	102 m (334.6 ft)	51 m (167.3 ft)
	Optical	4 mm	70.1 m (230.0 ft)	28.0 m (91.9 ft)	14.0 m (45.9 ft)	7.0 m (23.0 ft)
Operation						
Video Compression			H.265, H.264, MJPEG			
Video Stream			Triple streams			
Frame Rate		Thermal	25 fps at 1280 x 720, 704 x 480, 480 x 240, 352 x 240 (60 / 50 Hz)			
		Optical	30 fps at 2592 x 1944, 2592 x 1520, 2560 x 1440, 2304 x 1296, 1920 x 1080, 1280 x 720, 704 x 480, 480 x 240, 352 x 240 (60 Hz)			
			25 fps at 2592 x 1944, 2592 x 1520, 2560 x 1440, 2304 x 1296, 1920 x 1080, 1280 x 720, 704x576, 480 x 240, 352x288 (50 Hz) * The frame rate and performance may vary depending on the number of connections and data bitrates (different scenes).			
Maximum Throughput			8 Mbps			
Maximum Stream *When the total bitrate is within the maximum throughput			10			
Video Analytics			Motion Detection, Video Exception Detection (Scene Change, Video Blur, Abnormal Color Detection), Audio Exception Detection, Disarming (disables alarm linkage actions)			
Smart Alarm			Motion Detection, SD Card Error, SD Card Full, IP Address Conflict, Cable Disconnection			
Image Setting			Brightness, Contrast, Hue, Saturation, Sharpness, Antiflicker, 3D Noise Reduction, Image Orientation (Flip, Mirror, 0°, 180°), Dual Image Fusion			
White LED Light & Alarm Sound			Flashing light and alarm sound			
Noise Reduction			Yes			
Audio Compression			G.711			
Audio Support			Two-way audio capable			
Digital I/O		Input	1 Input, dry contact, NO / NC			
		Output	1 Relay Output (1A 30V DC / 0.5A 125V AC)			
Video Resolution						
Thermal			1280 x 720 (Default), 704 x 480, 480 x 240, 352 x 240			
Main Stream			2592 x 1944 (Default), 2592 x 1520, 2560 x 1440, 2304 x 1296, 1920 x 1080, 1280 x 720			
Sub Stream			1280 x 720, 704 x 480 (Default), 704 x 576, 352 x 240, 352 x 288			
Third Stream			704 x 480 (Default), 704 x 576, 480 x 240, 352 x 240, 352 x 288			
Network						
Interface			10/100 Ethernet			

Protocol		UDP, IPv4, IPv6, DHCP, NTP, RTSP, RTP, RTCP, PPPoE, DDNS, SMTP, FTP, SNMP, HTTP, 802.1x, UPnP, HTTPs, HTTP POST, QoS, ONVIF (Profile G, S, T, M)		
Deep Learning Function				
AI Perimeter Protection * Both modes can be enabled at the same time.	Thermal	-Fire Detection, Temperature Exception Alarm -Line Crossing, Region Intrusion, Region Entrance, Region Exiting: with Human & Vehicle classification		
	Optical	-Line Crossing, Region Entrance, Region Exiting, Target Counting by Line, Region Intrusion, Loitering Detection, Illegal Parking Detection: with Human & Vehicle classification -Face Detection		
Fire Detection	Object (0.1 x 0.1 m)	11 m (36.1 ft)*		
Temperature Measurement	Object (1 x 1 m)	30 m (98.4 ft)*		
Video Content Analysis Range (Thermal)	Human (0.75 m)	24 m (78.7 ft)*		
	Car (2.3 m)	35 m (114.8 ft)*		
Video Content Analysis Range (Optical)	Human	10 m (32.8 ft)*		
	Car	20 m (65.6 ft)*		
Temperature Alarm Range		-20°C ~ 150 °C (-4 °F ~ 302 °F), 100°C ~ 550 °C (212 °F ~ 1022 °F)		
Temperature Alarm Accuracy		±8°C (±14.4°F) or ±8% of the measured temperature, whichever is greater		
* The data is only for reference and the performance may vary according to the actual environment.				
Mechanical				
Connector	Power	DC Jack		
	Ethernet	RJ-45 connector		
	Audio	Built-in microphone	No	
		External microphone required	Yes (Audio jack, 3.5mm)	
		Built-in speaker	Yes	
		External speaker required	No	
		* Choose either the built-in or external option for devices with a microphone or speaker.		
		* The Audio In port only supports microphones with a power supply.		
	Digital I/O	4-pin terminal block pitch 3.81 mm (0.15")		
Local Storage	microSD card slot (SD / SDHC / SDXC), up to 256 GB			
General				
Environment Temperature		-30°C ~ 60 °C (-22 °F ~ 140 °F)		
Humidity		0 ~ 95% (no condensation)		
Power Source		DC 12V, 0.456A / PoE (IEEE 802.3af)		
Max. Power Consumption		9 W		
Dimensions		217.8 × 80.5 x 80.3 mm (8.57" x 3.17" x 3.16")		
Weight		0.7 kg (1.5 lb)		
Ingress Protection		IP66		
Certification		CE, FCC, RoHS compliant, ISO 9001:2015, 27001:2023,14001:2015, CVE Partner, Accredia,NDAA, ETSI EN 645:2020, UL		
Web Interface				
Installation Management		Web-based configuration		
Maintenance		Firmware upgrade through Web Browser or GV-IP Device Utility (V8.9.8 or later)		
Access from Web Browser		Live View, Playback, Video Recording, Image Quality, Bandwidth Control, Image Snapshot, Two-Way Audio, Digital Zoom, Text Overlay, Image Masking		

Lingue

Chinese Traditional, Czech, English, French, German, Hungarian, Italian, Japanese, Polish, Portuguese, Russian, Spanish

Note:

1. L'integrazione con la serie GV-SNVR non è supportata.
2. Le specifiche sono soggette a modifiche senza preavviso.

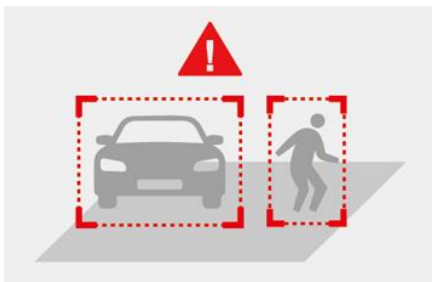
Funzionalità di Deep Learning

Rilevamento volti



Protezione perimetrale con intelligenza artificiale

(Intrusione, Attraversamento linea, Ingresso in area, Uscita da area)



Conteggio persone



Rilevamento incendi



Temperature Exception Alarm



Packing List

1. IP Camera
2. Waterproof Rubber
3. Screw Kit
4. Hex Key
5. Drill Template Paster
6. Download Guide

Accessori

Model No.	Name		Details
GV-MOUNT507	Junction Box		Dimensions: 96 x 38.8 mm (3.78" x 1.53") Weight: 0.135 kg (0.30 lb)
GV-MOUNT506-1	Junction Box		Dimensions: 117.9 x 47 mm (4.64" x 1.85") Weight: 0.380 kg (0.84 lb)
GV-MOUNT507-1	Junction Box		Dimensions: 111.7 x 55 mm (4.40" x 2.17") Weight: 0.332 kg (0.73 lb)
GV-MOUNT470 (must be used with Mount506-1)	Pole Mount Bracket		Dimensions: 163.3x54.5x215mm (6.43" x 2.15" x 8.46") Weight: 1100g (3.37lb)
GV-Mount314 (must be used with Mount506-1)	Corner Mount Bracket		Dimensions: 215x121.4x215mm (8.46" x 4.78" x 8.46") Weight: 2.05 kg (4.52 lb)
GV-PA191	PoE Adapter		GV-PA191 is a Power over Ethernet (PoE) adapter to provide power to the IP device through a single Ethernet cable.
GV-PA301	Gigabit PoE Adapter		GV-PA301 is a Gigabit Power over Ethernet (PoE) adapter.
GV-POE Switch	GV-POE Switch is designed to provide power along with network connection for IP devices. It is available in various models with different numbers and types of ports.		
Power Adapter	Contact our sales representatives for the countries and areas supported.		

Dimensioni

