

GV-GDR8801 AI 4MP H.265 Super Low Lux WDR Pro IR Mini Fixed Rugged IP

Dome



- Deep Learning AI: Protezione Perimetrale e Classificazione AI
- (Umano, Veicolo)
- Sensore CMOS con scansione progressiva da 1/2.8"
- Illuminazione minima a 0,02 lux.
- Triplo flusso da H.265, H.264 e MJPEG.
- Fino a 30 fps a 3840 x 2160.
- IR intelligente.
- Distanza IR fino a 30 m (100 ft).
- Funzione giorno e notte (con filtro IR removibile).
- Ampia Gamma Dinamica Pro (WDR Pro).
- Slot per scheda microSD integrato (SDHC / SDXC / UHS-I, Classe 10) per l'archiviazione locale.
- Protezione dall'ingresso (IP67).
- Resistenza agli atti vandalici (IK10 per l'involucro in metallo).
- DC 12V / PoE (IEEE 802.3af).
- Antinebbia.
- Riduzione del rumore 3D.
- Analisi AI (Attraversamento linea, Ingresso in area, Uscita da area, Intrusione in area, Conteggio obiettivi, Mappa di calore, Metadati video, Rilevamento permanenza, Parcheggio illecito, Rilevamento volti).
- Rilevamento del movimento.
- Testo in Sovrapposizione
- Mascheramento della privacy.
- 19 lingue supportate
- Conforme a ONVIF (Profili G, S, T, M).



Certificazioni CyberSecurity e presso
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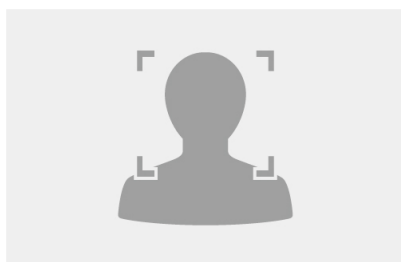
Introduzione

GV-GDR8801 è una mini dome IP fissa da esterno con risoluzione 8 MP, robusta e compatta, dotata di filtro IR-cut automatico e LED a infrarossi per la videosorveglianza diurna e notturna. La videocamera supporta il codec video H.265, che consente un migliore rapporto di compressione mantenendo immagini di alta qualità con una ridotta larghezza di banda di rete. GV-GDR8801 è conforme agli standard IP67 e IK10 e può essere alimentata tramite PoE.

Grazie agli algoritmi di deep learning, la tecnologia AI è in grado di distinguere esseri umani e veicoli da altri oggetti in movimento. Integrata con il software di gestione video GeoVision (GV-VMS), supporta la protezione perimetrale basata su intelligenza artificiale, allarmi in tempo reale, riproduzione e molto altro.

Funzione di Deep Learning

Rilevamento facciale

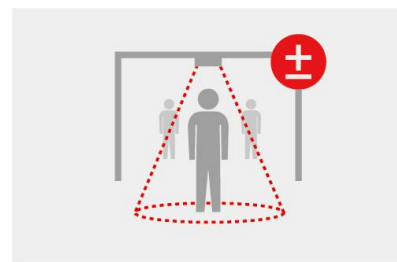


Protezione perimetrale AI

(Region Intrusion, Line Crossing,
Region Entrance, Region Exiting)



Conteggio delle persone



Camera					
Image Sensor		1/2.8" progressive scan CMOS			
Picture Elements		3840 (H) x 2160 (V)			
Minimum Illumination	Color	0.02 Lux (F1.6, AGC ON)			
	IR On	0 Lux			
Shutter Speed		Automatic, Manual (1/3 ~ 1/100000 sec)			
White Balance		Automatic, Manual			
Gain Control		Automatic, Manual			
S/N Ratio		50 dB			
WDR Pro		YES			
Dynamic Range		120 dB			
Lenti					
Megapixel		8 MP			
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		104°			
Operation	Focus	Fixed			
	Zoom	Fixed			
	Iris	Fixed			
IR LED Quantity		2 IR LEDs			
Max. IR Distance		30 m (100 ft)			
DORI		Detect	Observe	Recognize	Identify
Lens	2.8 mm	83 m (272.3 ft)	33 m (108.2 ft)	17 m (55.7 ft)	8 m (26.2 ft)
Operation					
Video Compression		H.265, H.265+, H.264, H.264+, MJPEG			
Video Streaming		Triple streams			
Video Resolution	Main Stream	3840 x 2160 (Default), 3072x 2048, 2592 x 1944, 2592 x 1520, 2560 x 1440, 2304 x 1296, 1920 x 1080			
	Sub Stream	1920 x 1080 (Default), 1280 x 720, 704 x 576,704 x 480, 640 x 360			
	Third Stream	1280 x 720 (Default), 704 x 576, 704 x 480, 640 x 480, 640 x 360, 480 x 240, 352 x 288, 352 x 240			
Frame Rate		30 fps at 3840 x 2160, 3072x 2048, 2592 x 1944, 2592 x 1520, 2560 x 1440, 2304 x 1296, 1920 x 1080, 1280 x 720, 704 x 480, 640 x 480, 640 x 360, 480 x 240, 352 x 240 (60 Hz)			
		25 fps at3840 x 2160, 3072x 2048, 2592 x 1944, 2592 x 1520, 2560 x 1440, 2304 x 1296, 1920 x 1080, 1280 x 720, 704 x 576, 640 x 480, 640 x 360, 480 x 240, 352 x 288 (50 Hz)			
		* The frame rate and performance may vary depending on the number of connections and data bitrates (different scenes).			
Maximum Throughput		12 Mbps			
Maximum Streams * When the total bitrate is within the maximum throughput		10			
Video Analytics		Motion Detection, Object Abandoned / Missing Detection, Video Exception Detection			
Smart Alarm		Motion Detection, SD Card Error, SD Card Full, IP Address Conflict, Cable Disconnection, Scene Change Detection, Video Blur Detection, Abnormal Color Detection			
Image Setting		Brightness, Contrast, Hue, Saturation, WDR, Sharpness, Defog, 3D Noise Reduction, BLC, Antiflicker, White Balance, Shutter, Gain, Image Orientation (Flip, Mirror, 0°, 90°, 180°, 270° – including Corridor format).			
Audio Compression		G.711			
Audio Support		One-way audio			
Digital I/O	Input	1 Input, dry contact, NO / NC			
	Output	1 Relay Output (1A 30V DC / 0.3A 125V AC)			
Funzione di Deep Learning					

AI Analytics		Face Event: Face Detection		
		Smart Event:		
		- Line Crossing, Region Entrance, Region Exiting, Region Intrusion, Target Counting, Heat Map, Video Metadata		
		- Loitering Detection, Illegal Parking Detection		
		*A maximum of 2 smart detection functions are suggested at a time to ensure comprehensive detection results and the optimized performance by the camera.		
		*Face Event and Smart Event can only be enabled one at a time.		
Video Metadata	People	Gender, Age, Top / Bottom (Type, Color), Accessories (Hat, Bag, Face Mask, Glasses)		
	Vehicle	Type, Color, Brand, Model		
	Non-Motor Vehicle	Type		
Network				
Interface		10/100 Ethernet		
Protocol		802.1x, DDNS, DHCP, FTP, HTTP POST, HTTP, HTTPS, IPv4, IPv6, NTP, ONVIF (Profile G, S, T, M), PPPoE, QoS, RTCP, RTMP, RTP, RTSP, SMTP, SNMP, UDP, UPnP, MQTT		
Mechanical				
Camera Angle Adjustment	Pan	0 ~ 355°		
	Tilt	0 ~ 70°		
	Rotate	0 ~ 180°		
Connectors	Power	DC Jack		
	Ethernet	RJ-45 connector		
		Audio	Built-in microphone	Yes
			External microphone required	Yes (Audio jack, 3.5 mm)
			Built-in speaker	No
			External speaker required	No
			* For devices with a microphone or speaker, choose either the built-in or external option.	
	* If equipped with an Audio In port, it only supports microphones with power supply.			
	Digital I/O	4-pin terminal block pitch 3.5 mm (0.14 in)		
	Local Storage	microSD card slot (SDHC / SDXC / UHS-I, Class 10) , up to 256GB		
Generali				
Operating Temperature		-30 ~ 60°C (-22 ~ 140°F)		
Humidity		0 ~ 95% (no condensation)		
Power Source		DC 12V, 1.5A / PoE (IEEE 802.3af)		
Max. Power Consumption		9 W		
Dimensions		Ø119 x 87.8 mm (4.69 x 3.46 in)		
Weight		0.64 kg (1.41 lb)		
Ingress Protection		IP67		
Vandal Resistance		IK10 for metal casing		
Certification		CE, FCC, RoHS, UKCA compliant		
Interfaccia Web				
Installation Management		Web-based configuration		
Maintenance		Firmware upgrade through Web Browser or Utility		
Access from Web Browser		Live View, Playback, Video Recording, Image Quality, Bandwidth Control, Image Snapshot, Digital Zoom, Text Overlay, Image Masking, Intelligent Mark		
Language		Chinese Traditional, Czech, Dutch, English, French, German, Hebrew, Hungarian, Italian, Japanese, Korean, Norwegian, Polish, Portuguese, Romanian, Russian, Spanish, Spanish (Latin America), Turkish		
Applicazioni software				
Software Supported		GV-VMS (V17.4.8 with Patch or later, V18.3.4 with Patch or later), GV-Edge Recording Manager (V2.2.8 or later), GV-Control Center (V4.2.1 or later), GV-Recording Server (V2.1.1 with Patch or later)		
Smart Device Access		GV-Eye for iOS and Android (V3.2.0 or later)		
Live Viewing		Web Browser (Edge 120.0.2210.121, Chrome 120.0.6099.200, Firefox 121.0, Safari 11), Mobile App		

Note:

1. Si consiglia l'uso di schede microSD di livello industriale per evitare guasti nella scrittura delle registrazioni degli eventi.
2. Tutte le specifiche sono soggette a modifiche senza preavviso.

Packing List

- | | |
|-------------------------|--------------------------|
| 1. GV-GDR8801 Mini Dome | 4. Drill Template Paster |
| 2. Hex Key | 5. Waterproof Rubber Set |
| 3. Screw Kit | 6. Download Guide |

Accessori

Model No.	Name		Details
GV-Mount515	Junction Box		Dimensions: Ø117.9x39mm (4.64" x 1.54") Weight: 0.24 kg (0.53lb)
GV-MOUNT211-4	Wall Mount Bracket		Dimensions: 129.5 x 155 x 74.5 mm (5.10 x 6.10 x 2.93 in) Weight: 0.53 kg (1.16 lb)
GV-MOUNT211-8 (must be used with GV-Mount515)	Wall Mount Bracket		Dimensions: 188.4 x 121 x 137.3 mm (7.41 x 4.76 x 5.4 in) Weight: 0.52 kg (1.15 lb)
GV-Mount470 (must be used with Mount211-8)	Pole Mount Bracket		Dimensions: 163.3 x 54.5 x 215 mm (6.43 x 2.15 x 8.46 in) Weight: 1.10 kg (2.43 lb)
GV-Mount314 (must be used with Mount211-8)	Corner Mount Bracket		Dimensions: 215x121.4x215mm (8.46" x 4.78" x 8.46") Weight: 2.05 kg (4.52lb)
GV-PA191	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-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. 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.		

Dimensioni

