

GV-GEBN4800 AI 4MP H.265 Full Color AI-ISP Warm LED WDR Pro Eyeball Dome IP Camera



- Apprendimento profondo AI: Protezione perimetrale AI e Classificazione (Persona, Veicolo)
- Sensore CMOS a scansione progressiva da 1/1,79"
- Triplo streams da H.265, H.264 o MJPEG
- Illuminazione minima: 0,0001 lux
- Fino a 30 fps a 2688 × 1520
- AI-ISP per una superiore riduzione del rumore e immagini a colori vividi, di giorno e di notte.
- Distanza LED Warm Smart fino a 30 m (100 ft)
- Wide Dynamic Range Pro (WDR Pro)
- Microfono incorporato
- Slot per scheda microSD integrato (SD / SDHC / SDXC) per l'archiviazione locale
- Meccanismo a 3 assi (pan / tilt / rotazione)
- Protezione dagli agenti esterni (IP67)
- Resistenza agli atti vandalici (IK10 per scocca in metallo)
- DC 12V / PoE (IEEE 802.3af)
- Funzione Defog
- Riduzione del rumore 3D
- Impostazioni smart (Attraversamento linea, Ingresso in area, Uscita da area, Conteggio bersagli, Intrusione in area, Rilevamento facciale)
- Rilevamento del movimento
- Sovrimpressione testo
- Mascheramento privacy
- 21 lingue supportate
- ONVIF (Profile G, S, T, M) conforme

Introduzione

GV-GEBN4800 è una telecamera **IP dome eyeball** da esterno, dotata di tecnologia AI-ISP e di LED caldi intelligenti per una videosorveglianza a colori anche in condizioni di illuminazione difficili. La telecamera integra compressione H.265, supporto PoE e robuste protezioni **IP67/IK10** per un utilizzo affidabile all'aperto.

Grazie ad **algoritmi di deep learning**, la sua tecnologia AI distingue persone e veicoli da altri oggetti in movimento. Integrata con il GeoVision **Video Management Software (VMS)**, supporta protezione perimetrale AI, avvisi in tempo reale, riproduzione degli eventi e altro ancora.

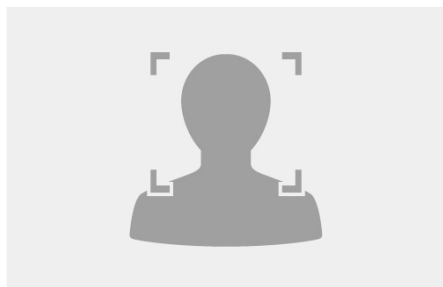
L'**AI-ISP** (Artificial Intelligence Image Signal Processor) migliora la qualità delle immagini in scene a bassa luminosità, offrendo maggiori dettagli, riducendo il rumore e minimizzando problemi di scie. Ottimizzata per ambienti con almeno una minima illuminazione ambientale come aree esterne illuminate dalla luna la telecamera garantisce prestazioni superiori nelle installazioni all'aperto.

Modello

Model	Iris	Focal Length (mm)	Horizontal FOV	Maximum Aperture	Image Format
GV-GEBN4800-2F	Fixed	2.8 mm	112°	F/1.0	1/1.79"
GV-GEBN4800-3F		3.6 mm	96°		

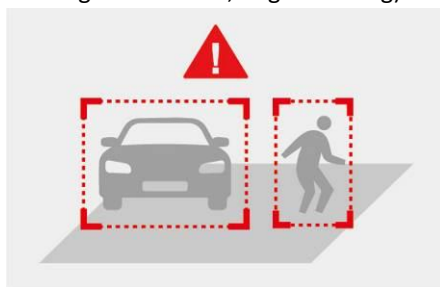
Deep Learning Function

Face Detection

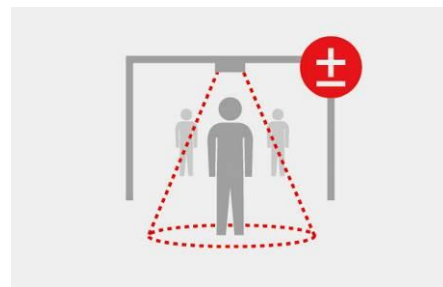


AI Perimeter Protection

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



People Counting



Specifications

Camera					
Image Sensor		1/1.79" progressive scan CMOS			
Picture Elements		2688 (H) x 1520 (V)			
Minimum Illumination	Color	0.0001 Lux (F1.0, AGC ON)			
	B/W	N/A			
	LED 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			
Lens		GV-GEBN4800-2F		GV-GEBN4800-3F	
Megapixel		4 MP			
Day / Night		Color			
Lens Type		Fixed			
Focal Length		2.8 mm		3.6 mm	
Maximum Aperture		F/1.0			
Mount		M12			
FOV	Horizontal	112°		96°	
	Vertical	61°		51°	
	Diagonal	132°		112°	
Operation	Focus	Auto / Manual			
	Zoom	Fixed			
	Iris	Fixed			
Warm LED Quantity		3 Warm LEDs			
Max. Warm LED Distance		30 m (100 ft)			
DORI		Detect	Observe	Recognize	Identify
Lens	2.8 mm	52 m (170.6 ft)	21 m (68.8 ft)	10 m (32.8 ft)	5 m (16.4 ft)
	3.6 mm	63 m (206.6 ft)	25 m (82.0 ft)	12 m (39.3 ft)	6 m (19.6 ft)
Operation					
Video Compression		H.265, H.265+, H.264, H.264+, MJPEG			
Video Streaming		Triple streams from H.265, H.264 or MJPEG			
Frame Rate		30 fps at 2688 x 1520, 2560 x 1440, 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 at 2688 x 1520, 2560 x 1440, 1920 x 1080, 1280 x 720, 704 x 567, 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		80 Mbps	
Maximum Streams *When the total bitrate is within the maximum throughput		10	
Video Analytics		Motion Detection, Video Exception Detection (Abnormal Color Detection, Scene Change, Video Blur), Object Abandoned/Missing Detection	
Smart Alarm		Audio Exception, Cable Disconnection, IP Address Conflict, SD Card Error, SD Card Full	
Image Setting		Brightness, Contrast, Hue, Saturation, Sharpness, Defog, Antiflicker, 3D Noise Reduction, Image Orientation (Flip, Mirror, 0°, 90°, 180°, 270°-including Corridor format)	
Audio Compression		G.711	
Audio Support		One-way audio	
Video Resolution			
Main Stream		2688 x 1520 (Default), 2560 x 1440, 1920 x 1080	
Sub Stream		1280 x 720 (Default), 704 x 480, 704 x 567, 640 x 480, 640 x 360, 480 x 240, 352 x 240, 352 x 288	
Third Stream		1280 x 720 (Default), 704 x 480, 704 x 567, 640 x 480, 640 x 360, 480 x 240, 352 x 240, 352 x 288	
Network			
Interface		10/100 Ethernet	
Protocol		802.1x, API, DDNS, DHCP, FTP, HTTP, HTTP POST, HTTPS, IPv4, IPv6, NTP, ONVIF (Profile G, S, T), PPPoE, QoS, RTCP, RTMP, RTP, RTSP, SMTP, SNMP, UDP, UPnP	
Deep Learning Function			
AI Perimeter Protection		Face Event: Face Detection Smart Event: - Line Crossing, Region Entrance, Region Exiting, Region Intrusion, Target Counting *Face events and smart events cannot be enabled at the same time.	
Mechanical			
Camera Angle Adjustment	Pan	0° ~ 360°	
	Tilt	0° ~ 80°	
	Rotate	0° ~ 360°	
Connectors	Power	DC Jack	
	Ethernet	RJ-45	
		Audio	Built-in microphone
	External microphone required		Yes (Audio jack, 3.5 mm)
	Built-in speaker		No
	External speaker required		No
	* For devices with 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	N/A	
Local Storage	microSD card slot (SD / SDHC / SDXC), up to 512 GB		
General			
Operation 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		6.5 W	
Dimensions		Ø 111.6 x 99.3 mm (Ø 4.39" x 3.91")	
Weight		0.62 kg (1.37 lb)	
Ingress Protection		IP67	
Vandal Resistance		IK10 for metal casing	
Certification		CE, FCC, RoHS 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, Playback, Video Recording, Image Quality, Bandwidth Control, Image Snapshot, One-way Audio, Digital Zoom, Text Overlay, Image Masking, Intelligent Mark	

Language	English, Spanish, Spanish (LA), Italian, Portuguese, Russian, Polish, Hungarian, Romanian, Hebrew, German, French, Dutch, Norwegian, Czech, Turkish, Korean, Japanese, Traditional Chinese, Ukrainian, Greek
Applications	
Software Supported	GV-VMS (V17.4.8 / V18.3.5 or later, patch files required), GV-Control Center (V4.2.1 or later, patch files required), GV-Edge Recording Manager for Windows (V2.3.0 or later, patch files required), GV-Recording Server (V2.1.1 or later, patch files required),
Smart Device Access	GV-Eye for iOS (V3.4.1 or later), GV Eye for Android (V3.4.1 or later)
Live Viewing	Web Browser (Chrome, Edge, Firefox, Safari), Mobile App

- Note:**
- The AI-ISP may not perform as expected in completely dark environments. For optimal results, outdoor installation is recommended.
 - All specifications are subject to change without notice.

Packing List

- | | |
|-----------------------------|--------------------------|
| 1. GV-GEBN4800 Eyeball Dome | 4. Hex Key |
| 2. Waterproof Rubber Set | 5. Drill Template Paster |
| 3. Screw kit | 6. Download Guide |

Accessories

Model No.	Name		Details
Mountt211-4	Wall Mount Bracket		Dimensions: 129.8 x 154.9 x 74.4 mm (5.11 x 6.1 x 2.93 in) Weight: 0.527 kg (1.16 lb)
GV-Mount211-6 (must be used with Mount506)	Wall Mount Bracket		Dimensions: 199 x 139.3 x 140.8 mm (7.83 x 5.48 x 5.54 in) Weight: 0.56 kg (1.23 lb)
GV-Mount470 (must be used with Mount211-6 or 506)	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-Mount506	Junction Box		Dimensions: 39.3 x 171.6 x 50 mm (5.48 x 2.81 x 1.97") Weight: 0.51 kg (1.13 lb)
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	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.		

Mounting Type

Wall Mount Bracket	Junction Box	Junction Box	Wall Mount Bracket
MOUNT211-4	GV-Mount506	GV-Mount506	GV-Mount211-6
			

Junction Box	Wall Mount Bracket	Pole Mount Bracket
GV-Mount506	GV-Mount211-6	GV-Mount470
		

Junction Box	Pole Mount Bracket
GV-Mount506	GV-Mount470
	

Dimensions

