

GV-GBLN4800 Telecamera Bullet IP AI da 4MP, H.265, a Colori Reali, con AI-ISP, LED a Luce Calda e WDR Pro



- Deep learning AI: Protezione Perimetrale Intelligente e Classificazione (Persona, Veicolo)
- Sensore CMOS a scansione progressiva da 1/1,79" or
- Triplo streaming con codec H.265, H.264 o MJPEG
- Illuminazione minima: 0.0001 lux
- Fino a 30 fps a 2688 × 1520 pixel
- AI-ISP per una riduzione avanzata del rumore e immagini a colori vividi, di giorno e di notte
- Distanza LED a luce calda intelligente fino a 30 m (100 piedi)
- Gamma Dinamica Estesa Pro (WDR Pro)
- Microfono integrato
- Slot integrato per scheda microSD (SD / SDHC / SDXC) per archiviazione locale
- Protezione contro l'ingresso (IP67)
- Resistenza agli atti vandalici (IK10 per la scocca in metallo)
- Alimentazione: DC 12V / PoE (IEEE 802.3af)
- Funzione antinebbia (Defog)
- Riduzione del rumore 3D
- Funzioni intelligenti (Attraversamento linea, Ingresso in area, Uscita da area, Conteggio bersagli, Intrusione in area, Rilevamento volti)
- Rilevamento del movimento
- Sovrimpressione di testo
- Mascheramento della privacy
- 21 lingue supportate
- Conforme agli standard ONVIF (Profili G, S, T, M)

Introduzione

La telecamera Bullet IP è una telecamera di rete per esterni, dotata di AI-ISP e LED smart a luce calda, che permettono una videosorveglianza a colori anche in condizioni di scarsa illuminazione.

Supporta il codec video H.265, che consente un miglior rapporto di compressione mantenendo immagini di alta qualità e riducendo il consumo di banda di rete.

Il modello GV-GBLN4800 è conforme agli standard IP67 (resistenza a polvere e acqua) e IK10 (resistenza agli urti), e può essere alimentato tramite PoE (Power over Ethernet).

Grazie ad algoritmi di deep learning, la tecnologia AI è in grado di distinguere persone e veicoli da altri oggetti in movimento. Integrata con il software di gestione video GeoVision (VMS), la telecamera supporta la protezione perimetrale intelligente, avvisi in tempo reale, riproduzione degli eventi e molto altro.

Il processore d'immagine AI-ISP (Artificial Intelligence Image Signal Processor) migliora la qualità delle immagini in scene con poca luce, offrendo maggiori dettagli, riducendo il rumore e minimizzando problemi di sfocatura. Tuttavia, potrebbe non funzionare in modo ottimale in ambienti completamente bui.

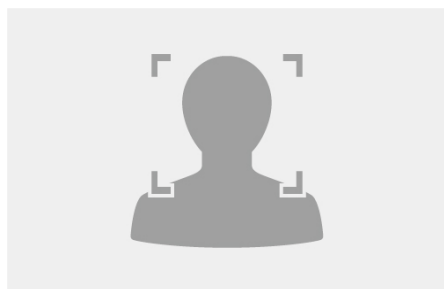
Per risultati migliori, si consiglia l'installazione all'esterno, dove sia presente una luce ambientale naturale, come la luce lunare.

Modello

Model	Iris	Focal Length (mm)	Horizontal FOV	Maximum Aperture	Image Format
GV-GBLN4800-2F	Fixed	2.8 mm	112°	F/1.0	1/1.79"
GV-GBLN4800-3F		3.6 mm	96°		

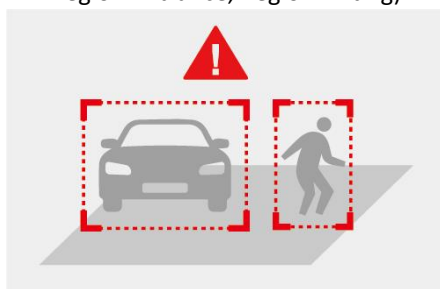
Deep Learning Function

Face Detection

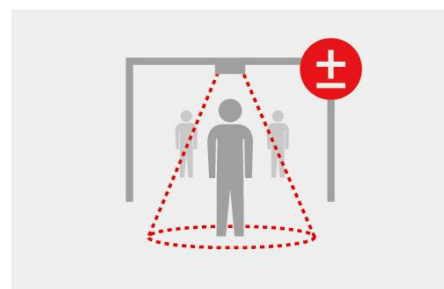


AI Perimeter Protection

(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-GBLN4800-2F		GV-GBLN4800-3F	
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		8 Mbps		
Maximum stream *When the total bitrate is within the maximum throughput		10		
Video Analytics		Motion Detection, Object Abandoned/Missing Detection, Scene Change, Video Blur Detection, Abnormal Color Detection, Audio Exception		
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 Event and Smart Event can only be enabled one at a time.		
Mechanical				
Camera Angle Adjustment	Pan	0° ~ 360°		
	Tilt	0° ~ 90°		
	Rotate	0° ~ 360°		
Connectors	Power	DC Jack		
	Ethernet	RJ-45		
	Audio	Built-in microphone	Yes	
		External microphone required	Yes (Audio jack, 3.5mm)	
		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	Micro SD 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		218.1 x 70.4 x 79.5 mm (8.58 x 2.77 x 3.12 in)		
Weight		0.71 kg (1.57 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 (España), 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), GV-IP Device Utility (V9.0.4 or later)
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: All specifications are subject to change without notice.

Packing List

1. GV-GBLN4800 Bullet Camera
2. Waterproof Rubber Set
3. Screw kit
4. Drill Template Paster
5. Download Guide

Accessories

Model No.	Name		Details
GV-Mount470 (must be used with Mount507-1 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 in) Weight: 0.51 kg (1.13 lb)
GV-Mount507	Junction Box		Dimensions: Ø 96 x 38.8 mm (Ø 3.78 x 1.53 in) Weight: 0.135 kg (0.30 lb)
GV-Mount507-1	Junction Box		Dimensions: Ø 111.7 x 55 mm (Ø 4.40 x 2.17 in) Weight: 0.332 kg (0.73 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	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

Junction Box	Junction Box	Junction Box
GV-Mount506	GV-Mount507	GV-Mount507-1
		

Junction Box	Pole Mount Bracket	Junction Box	Pole Mount Bracket
GV-Mount506	GV-Mount470	GV-Mount507-1	GV-Mount470
			

Dimensions

