

GV-GSD4830-IR AI 4MP 40x Zoom H.265 Super Low Lux Outdoor IR IP Speed

Dome



- Apprendimento profondo dell'IA: Protezione perimetrale e classificazione dell'IA (Essere umano, Veicolo)
- Sensore CMOS a scansione progressiva da 1/2.7"
- Illuminazione minima: 0,005 lux
- Triplo streaming da H.265, H.264 o MJPEG
- Fino a 30 fps a 2560 x 1440
- Obiettivo varifocale motorizzato per regolazioni da remoto di messa a fuoco e zoom
- Zoom ottico 40x
- IR intelligente
- Distanza IR fino a 350 m (1300 ft)
- Funzione giorno/notte (con filtro IR removibile)
- Protezione contro l'ingresso (IP67)
- Resistenza agli atti vandalici (IK10 per la scocca in metallo)
- Ampia tolleranza alle temperature (-40°C ~ 65°C / -40°F ~ 149°F)
- Supporto audio bidirezionale
- Slot per scheda microSD integrato (SD / SDHC / SDXC / UHS-I, Classe 10) per archiviazione locale
- Alimentazione: DC 24V / AC 24V / PoE+ (IEEE 802.3at)
- Rotazione panoramica continua a 360°
- Inclinazione da -25° a 155°
- Velocità di rotazione panoramica fino a 330°/sec e di inclinazione fino a 180°/sec
- Movimento PTZ (Preset, Pan automatico e Pattugliamento)
- Pattugliamento PTZ programmabile secondo orario
- Analisi AI (Attraversamento linea, Intrusione, Inseguimento automatico, Ingresso area, Uscita area, Rilevamento volti)
- Autofocus
- Riduzione del rumore 3D
- Rilevamento del movimento
- Mascheramento della privacy
- Conforme a ONVIF (Profili G, S, T, M)



Certificazioni CyberSecurity e presso
Lab. certificati Accredia

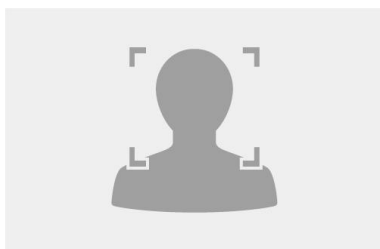
Introduzione

La **GV-GSD4830-IR** è una telecamera PTZ di rete per esterni dotata di zoom ottico 40x, in grado di offrire una visione dal vivo fluida e ricca di dettagli. Questa telecamera può trasmettere contemporaneamente tre flussi video con risoluzioni fino a 2560 x 1440 a 30 fps. In ambienti con scarsa illuminazione, la visione notturna è migliorata grazie ai LED ad alta potenza, che consentono una distanza IR effettiva fino a 350 m (1300 piedi). La telecamera supporta il codec video H.265 per ottenere un miglior rapporto di compressione, mantenendo immagini di alta qualità e riducendo il consumo di banda di rete. È inoltre conforme agli standard IP67 e IK10.

Grazie ad algoritmi di deep learning, la tecnologia AI è in grado di distinguere persone e veicoli da altri oggetti in movimento. La **GV-GSD4830-IR** supporta la protezione perimetrale intelligente, l'inseguimento automatico, il rilevamento del movimento e molto altro.

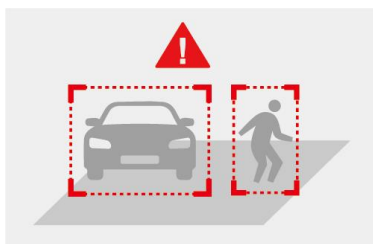
Funzione Deep Learning

Rilevamento volti

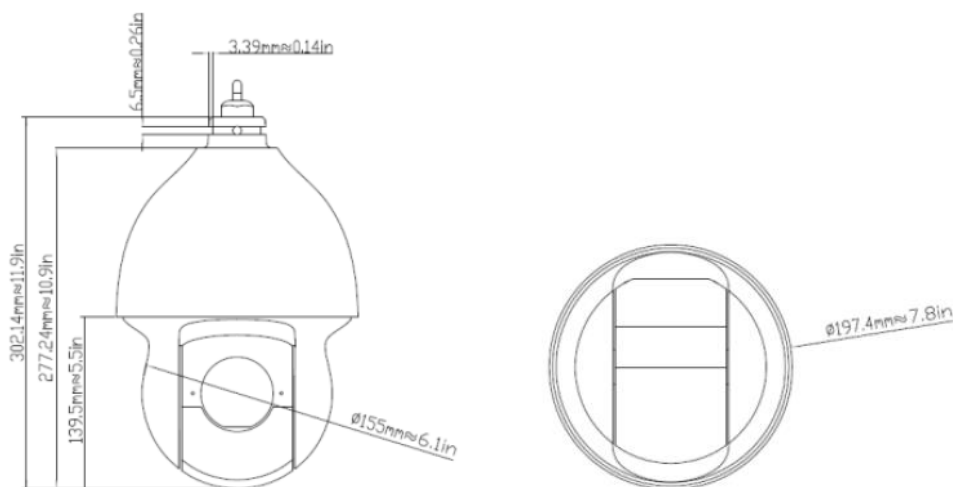


Protezione perimetrale (AI)

(Intrusion, Crossing Line
Entering Area, Leaving Area)



Dimensioni



Specifiche

Camera					
Image Sensor		1/2.7" progressive scan CMOS			
Optical Zoom		40x			
Minimum Illumination	Color	0.005 Lux (F1.2, AGC ON)			
	IR ON	0 Lux			
Electronic Shutter		Auto / Manual (1/30 ~ 1/30000 sec)			
White Balance		Auto / Manual			
Iris control		Auto / Manual			
AGC control		Auto / Manual			
S/N Ratio		52 dB			
WDR		DWDR			
Dynamic Range		Up to 80 dB			
DORI		Detect	Observe	Recognize	Identify
Lente	4.5 mm	99.6 m (326.7 ft)	39.5 m (129.5 ft)	19.9 m (65.2 ft)	10 m (32.8 ft)
	180 mm	3600 m (11811.0 ft)	1429 m (4688.3 ft)	720 m (2362.2 ft)	360 m (1181.1 ft)
Optical Lenti					
Megapixel		4 MP			
Day / Night		Yes (with removable IR-cut filter)			
Focal Length		4.5 ~ 180 mm			
Lens Type		Motorized varifocal lens			
Maximum Aperture		F1.2			
FOV	Horizontal	59.1° ~ 1.8°			

Operation	Vertical	38.4°~1.1°
	Diagonal	6.9°~2.1°
	Focus	Auto / Manual
	Zoom	40x
	Iris	Auto / Manual
IR LED Quantity		8 IR LEDs
Max. IR Distance		350 m (1300 ft)
Video		
Video Compression		H.265, H.264, MJPEG
Video Streaming		Triple streams from H.265, H.264 or MJPEG
Video Resolution	Main Stream	2560 x 1440 (Default), 1920 x 1080, 1280 x 960, 1280 x 720
	Sub Stream	704 x 576, 704 x 480, 640 x 480, 352 x 288, 352 x 240
	Third Stream	1920 x 1080, 1280 x 960, 1280 x 720, 704 x 576, 704 x 480, 640 x 480, 352 x 288, 352 x 240
Frame Rate		30 fps at 2560 x 1440, 30 fps at 1920 x 1080, 30 fps at 1280 x 960, 30 fps at 1280 x 720, 30 fps at 704 x 480, 30 fps at 640 x 480, 30 fps at 352 x 240 (60 Hz) 25 fps at 2560 x 1440, 25 fps at 1920 x 1080, 25 fps at 1280 x 960, 25 fps at 1280 x 720, 25 fps at 704 x 576, 25 fps at 640 x 480, 25 fps at 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		16 Mbps
Maximum Streams * When the total bitrate is within the maximum throughput		16
Video Analytics		Motion Detection, Tampering Alarm
Image Setting		Brightness, Contrast, Saturation, Sharpness, Flicker-less, Image Orientation (Flip, Mirror, 0°, 90°, 180°, 270° - including Corridor format)
Audio		
Audio Compression		G.711
Audio Support		Two-way audio capable
Funzione Deep Learning		
AI Analytics		Cross Line, Intrusion, Auto Tracking, Enter Area, Leave Area, Face Detection
Network		
Interface		10/100 Ethernet
Protocol		HTTP, HTTPS, IPv4/IPv6, 802.1x, QoS, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP/IP, UDP, IGMP, ICMP, DHCP, PPPoE, P2P, RTMP, ONVIF (Profile G, S, T, M) , MQTT
Mechanical		
Connectors	Power	DC24V±25% , PoE+ (IEEE 802.3at)
	Ethernet	10/100 Base-TX, RJ-45 connector
	Audio	1 in (Audio In Wire); 1 out (Audio Out Wire) *The Audio In port only supports microphones with power supply.
	Local Storage	microSD card slot (SD / SDHC / SDXC), up to 256 GB
	Digital I/O	I/O wires
Operation		
Pan Travel		360° endless
Tilt Travel		-25° ~ 155°
Manual Speed	Pan	0.1° ~ 360°/s
	Tilt	0.1° ~ 210°/s
Preset Speed	Pan	330°/s
	Tilt	180°/s
Presets	Max. Number	360
	Accuracy	0.3°
Patrol	Max. Number	8
	Max. Actions Allowed	16
OSD		15
Privacy Mask		4
Proportional Pan & Tilt		Auto (Pan and tilt speed proportional to zoom ratio)
Automatic Function		Preset, Patrol (Including Auto Pan)

Mechanical Flip		Yes
Digital Slow Shutter		On / Off
Motion Detection		On / Off
Wide Dynamic Range		On / Off
Day/Night: Mechanical IR Cut Filter		On / Off
Image Rotation		Normal, Flip Vertical, Flip Horizontal, 180°, 90° Clockwise, 90° Anti-clockwise
3D Noise Reduction		0 ~ 255
Alarm	Digital I/O	1 Inputs, dry contact, NO / NC
		1 Relay Output (AC 125V 0.5A / DC 30V 1A)
	Reaction	Alarm Output, PTZ to Preset, Trigger Storage

Generali	
Operating Temperature	-40°C ~ 65°C (-40°F ~ 149°F)
Humidity	0% ~ 90% (non-condensing)
Dimensions	Ø197 x 302 mm (Ø7.8" x 11.9")
Weight	2.8 kg (6.17 lb)
Power Source	AC 24V, DC 24V, PoE+ (IEEE 802.3at)
Power Consumption	24W
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 Utility
Access from Web Browser	Live View, Video Recording, Change Video Quality, Bandwidth Control, Image Snapshot, Text Overlay, Image Masking
Language	Czech, English, German, Hungarian, Italian, Japanese, Korean, Portuguese, Polish, Russian, Romanian, Spanish, Spanish (Mexico), Turkish, Traditional Chinese

Packing List

1. GV-GSD4830-IR Speed Dome
2. Hex Key
3. Waterproof Rubber Set
4. Waterproof Guidelines
5. Download Guide

Accessori

Model No.	Name	Details
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.

