

GV-TBL4705 4MP H.265 Super Low Lux WDR Pro IR Bullet IP Camera

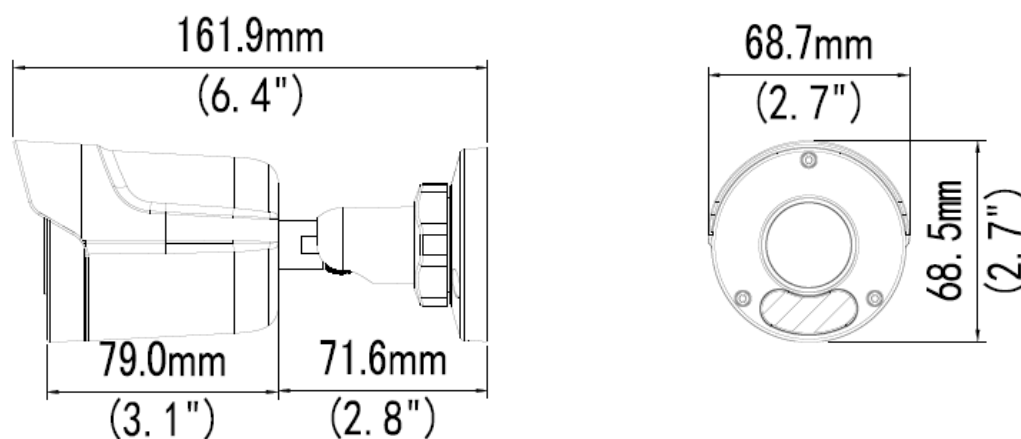


- 1/3" progressive scan super low lux CMOS sensor
- Min. illumination at 0.003 lux
- Dual streams from H.265, H.264 or MJPEG
- Up to 30 fps at 2688 x 1520
- Intelligent IR
- IR distance up to 50 m (165 ft)
- Built-in microphone
- Built-in micro SD card slot (SD / SDHC / SDXC / UHS-I) for local storage
- Day and night function (with removable IR-cut filter)
- Ingress protection (IP67)
- DC 12V / PoE (IEEE 802.3af)
- Wide Dynamic Range Pro (WDR Pro)
- Defog
- 3D noise reduction
- Motion detection
- Text overlay
- Privacy mask
- 12 languages supported
- ONVIF (Profile G, S, T) conformant

Introduction

The Bullet IP Camera is an outdoor network camera equipped with an automatic IR-cut filter and IR LEDs for day and night surveillance. The camera supports H.265 video codec to achieve better compression ratio while maintaining high quality pictures at reduced network bandwidths. It adheres to IP67 standards and can be powered through PoE.

Dimensions



Specifications

Camera		
Image Sensor		1/3" progressive scan super low lux CMOS
Picture Elements		2688 (H) x 1520 (V)
Minimum Illumination	Color	0.003 Lux (F1.6, AGC ON)
	IR ON	0 Lux
Shutter Speed		Auto / Manual (1 ~ 1/100000s)
White Balance		Auto / Manual
Gain Control		Auto / Manual
S/N Ratio		56 dB
WDR Pro		Yes
Dynamic Range		120 dB

Lens					
Megapixel		4 MP			
Day / Night		Yes (with removable IR-cut filter)			
Lens Type		Fixed			
Focal Length		4 mm			
Maximum Aperture		F/1.6			
Mount		M12			
FOV	Horizontal	83.7°			
	Vertical	44.9°			
	Diagonal	89.2°			
Operation	Focus	Fixed			
	Zoom				
	Iris				
IR LED Quantity		2 IR LED			
Max. IR Distance		50 m (165 ft)			
DORI		Detect	Observe	Recognize	Identify
Lens	4 mm	90 m (295.3 ft)	36 m (118.1 ft)	18 m (59.1 ft)	9 m (29.5 ft)
Operation					
Video Compression		H.265, H.264, MJPEG			
Video Streaming		Dual streams from H.265, H.264 or MJPEG			
Video Resolution	Main Stream	2688 x 1520 (Default), 2560 x 1440, 2304 x 1296,1920 x 1080, 1280 x 720			
	Sub Stream	1280 x 720, 720 x 576, 640 x 480, 640 x 360 (Default)			
Frame Rate		30 fps at 2688 x 1520 (60 / 50 Hz) * The frame rate and performance may vary depending on the number of connections and data bitrates (different scenes).			
Maximum throughput		40 Mbps			
Maximum stream *When the total bitrate is within the maximum throughput		6			
Video Analytics		Motion Detection, Tampering Alarm , Audio Detection , Cross Line, Intrusion *Tampering Alarm, Audio Detection, Cross Line, Intrusion are only accessible through the camera’s Web interface, which can be used to trigger alerts such as e-mail and FTP			
Image Setting		Brightness, Contrast, Saturation, Sharpness, Flicker-less, Image Orientation (Flip, Mirror, 0°, 90°, 180°, 270°-including Corridor format)			
Audio Compression		G.711			
Audio Support		One-way Audio			
Network					
Interface		10/100 Ethernet			
Protocol		802.1X authentication (EAP-TLS, EAP-MD5), ARP, DHCP, DDNS, DNS, DynDNS, FTP, HTTP, HTTPS, ICMP, IGMP, IPv4, IPv6, NTP, PPPoE, QoS, RTCP, RTP, RTSP, SMTP, SNMP, TCP, UDP, UPnP, ONVIF (Profile G, S, T)			
Mechanical					
Temperature Detector		No			
Camera Angle Adjustment	Pan	0° ~ 360°			
	Tilt	0° ~ 90°			
	Rotate	0° ~ 360°			
Connectors	Power	DC Jack (DC 12 V, 1.25 A), PoE			
	Ethernet	RJ-45 connector			
	Audio	1 In (built-in microphone)			
	Local Storage	microSD card slot (SD / SDHC / SDXC), up to 512 GB			
General					
Operating Temperature		-30°C ~ 60°C (-22°F ~ 140°F)			
Humidity		0% ~ 95% (no condensation)			
Power Source		12 V DC / PoE (IEEE802.3af)			
Max. Power Consumption		6 W			
Dimensions		161.9 × 68.7 × 68.5 mm (6.4” × 2.7” × 2.7”)			
Weight		0.45 kg (0.99 lb)			

Ingress Protection	IP67
Certification	CE, FCC, RoHS, UL 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, Video Recording, Change Video Quality, Bandwidth Control, Image Snapshot, Defog, Text Overlay, Image Masking
Language	Czech, English, French, German, Hungarian, Italian, Japanese, Polish, Portuguese, Russian, Spanish, Traditional Chinese
Applications	
Software Supported	GV-VMS (V17.4.1 / V18.2.1), GV-DVR / NVR (V8.9.1), GV-Control Center (V3.8.0), GV-Recording Server / Video Gateway (V2.0.0), GV-Edge Recording Manager Win version (V2.0.0), GV-Redundant / Failover Server (V1.2.0), GV-Mobile Server (V1.5.0.0)
Smart Device Access	GV-Eye for iOS and Android
Live Viewing	Browser (IE, Edge, Chrome, Firefox), Mobile App

Note:

1. It is required to apply patch files to some or all of the supported software.
2. Do not use clothes or any ordinary material to clean the camera cover since they may result in scratches.
3. Specifications are subject to change without notice.

Packing List

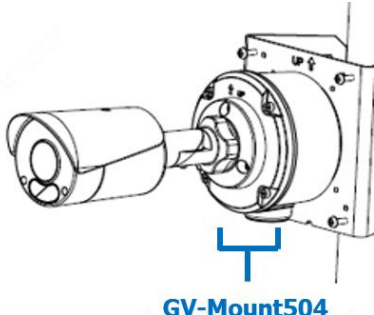
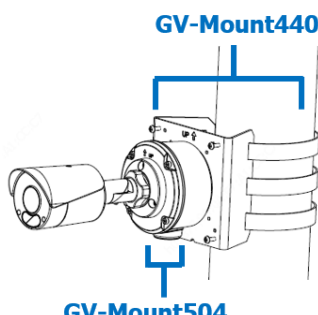
1. GV-TBL4705 Bullet
2. Waterproof Rubber Set
3. Screw Kit
4. Drill Template Paster
5. Download Guide

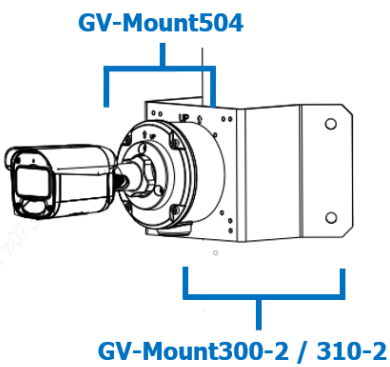
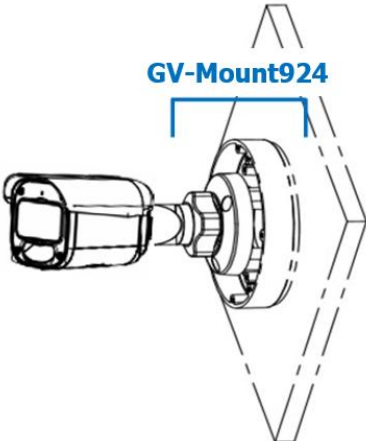
Accessories

Model No.	Name		Details
GV-Mount300-2 (must be used with GV-Mount504)	Convex Corner Mount		Dimensions: 137 x 233 x 160 mm (5.4" x 9.17" x 6.3") Weight: 1.65 kg (3.64 lb)
GV-Mount310-2 (must be used with GV-Mount504)	Concave Corner Mount		Dimensions: 111.2 x 369.9 x 210 mm (2.6" x 11.4" x 6.6") Weight: 1.65 kg (3.64 lb)
GV-Mount440 (must be used with GV-Mount504)	Pole Mount		Dimensions: 127 x 136 x 62.5 mm (5" x 5.35" x 2.46") Weight: 0.34 kg (0.75lb) Steel Strap Diameter: Ø 67 ~ 127 mm (Ø 2.6" ~ 5")

GV-Mount440-1 (must be used with GV-Mount504)	Pole Mount Bracket		Dimensions: 136 x 127 x 63.6 mm (5.4" x 5.0" x 2.5") Weight: 0.34 kg (0.75 lb) Steel Strap Diameter: $\varnothing$ 67 ~ 127 mm ($\varnothing$ 2.6" ~ 5")
GV-Mount504	Wall Mount Bracket		Dimensions: $\varnothing$ 104.4 x 54.5 mm ($\varnothing$ 4.11" x 2.15") Weight: 0.36 kg (0.79 lb)
GV-Mount924 (for standard US single and double gang boxes only)	Power Box Mount Bracket		Dimensions: $\varnothing$ 128 x 18.5 mm ($\varnothing$ 5" x 0.7") Weight: 0.15 kg (0.33 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. 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 Bracket Mount	Pole Mount
GV-Mount504	GV-Mount504 + GV-Mount440 / 440-1
	

Convex / Concave Corner Mount	Power Box Mount
GV-Mount504 + GV-Mount300-2 / 310-2	GV-Mount924
 The diagram shows a camera module mounted on a bracket. A blue bracket labeled "GV-Mount504" points to the top of the camera housing. Another blue bracket labeled "GV-Mount300-2 / 310-2" points to the bottom of the camera housing. The camera lens is on the left side of the housing.	 The diagram shows a camera module mounted on a bracket. A blue bracket labeled "GV-Mount924" points to the top of the camera housing. The camera lens is on the left side of the housing. The bracket is shown in a perspective view, indicating its mounting surface.