

GV-TBL2703 Series 2MP H.265 Low Lux WDR IR Bullet IP Camera



- 1/2.7" progressive scan low lux CMOS sensor
- Min. illumination at 0.02 lux
- Triple streams from H.265, H.264 or MJPEG
- Up to 30 fps at 1920 x 1080
- Intelligent IR
- IR distance up to 30 m (100 ft)
- Day and night function (with removable IR-cut filter)
- Ingress protection (IP67)
- DC 12V / PoE (IEEE 802.3af)
- Wide Dynamic Range (WDR)
- Defog
- 3D noise reduction
- Motion detection
- Text overlay
- Privacy mask
- ONVIF (Profile S, T) conformant

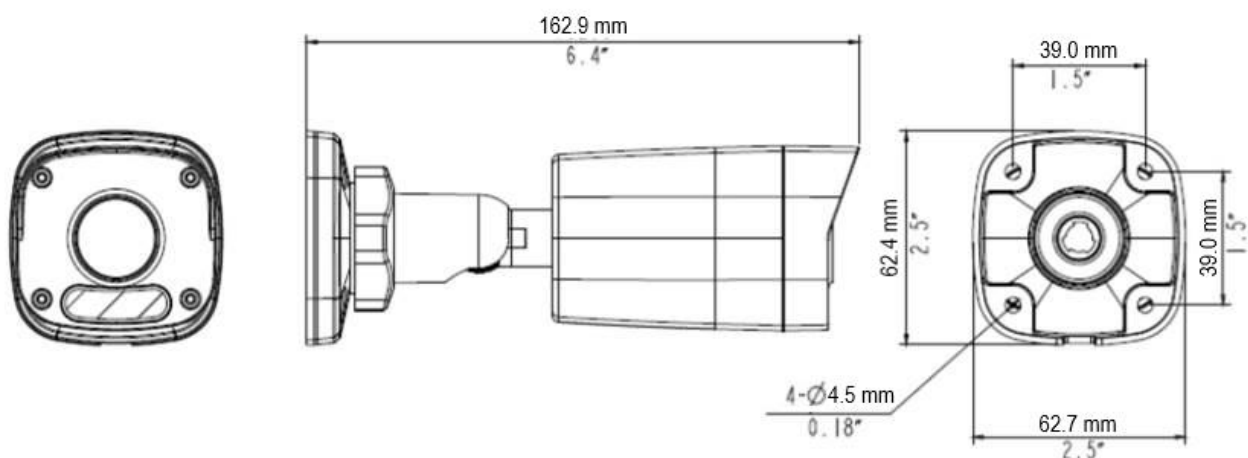
Introduction

The Bullet IP Camera is an outdoor, fixed, network camera equipped with an automatic IR-cut filter and an IR LED 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.

Models

Model	Iris	Focal Length (mm)	Horizontal FOV	Maximum Aperture	Image Format
GV-TBL2703-0F	Fixed	4 mm	86°	F/2.0	1/2.7"
GV-TBL2703-1F		6 mm	55°		

Dimensions



Specifications

Camera			GV-TBL2703-0F	GV-TBL2703-1F
Image Sensor			1/2.7" progressive scan low lux CMOS	
Picture Elements			1920 (H) x 1080 (V)	
Minimum Illumination	Color		0.02 Lux (F2.0, AGC ON)	
	IR ON		0 Lux	
Shutter Speed			Auto / Manual (1/6 ~ 1/100,000 sec)	
White Balance			Auto / Manual	
Gain Control			Auto / Manual	
S/N Ratio			52 dB	
WDR			Yes	
Dynamic Range			Up to 72 dB	
Lens				
Megapixel			2 MP	
Day / Night			Yes (with removable IR-cut filter)	
Lens Type			Fixed	
Focal Length			4 mm	6 mm
Maximum Aperture			F/2.0	
Mount			M12	
Horizontal FOV			86°	55°
Operation	Focus		Fixed	
	Zoom			
	Iris			
IR LED Quantity			1 IR LED	
Max. IR Distance			30 m (100 ft)	
Operation				
Video Compression			H.265, H.264, MJPEG	
Video Streaming			Triple streams from H.265, H.264 or MJPEG	
Video Resolution	Main Stream		1920 x 1080 (Default), 1280 x 720	
	Sub Stream		1280 x 720, 704 x 576, 704 x 288, 640 x 360 (Default), 352 x 288	
	Third Stream (Closed by Default)		704 x 576, 704 x 288, 640 x 360, 352 x 288	
Frame Rate			30 fps at 1920 x 1080 (60 / 50 Hz) * The frame rate and performance may vary depending on the number of connections and data bitrates (different scenes).	
Video Analytics			Motion Detection, Tampering Alarm	
Image Setting			Brightness, Contrast, Saturation, Sharpness, Flicker-less, Image Orientation (Flip, Mirror, 0°, 180°)	
Network				
Interface			10/100 Ethernet	
Protocol			ARP, DHCP, DDNS, DNS, DynDNS, FTP, HTTP, HTTPS, ICMP, IGMP, IPv4, NTP, QoS, RTCP, RTP, RTSP, SMTP, TCP, UDP, UPnP, ONVIF (Profile S, T)	
Mechanical				
Temperature Detector			No	
Camera Angle Adjustment	Pan		0° ~ 360°	
	Tilt		0° ~ 90°	
	Rotate		0° ~ 360°	
Connectors	Power		DC Jack, PoE	
	Ethernet		RJ-45 connector	
General				
Operating Temperature			-30°C ~ 60°C (-22°F ~ 140°F)	
Humidity			10% ~ 90% (no condensation)	
Power Source			12 V DC / PoE (IEEE802.3af)	
Max. Power Consumption			4.5 W	
Dimensions			162.9 × 62.4 × 62.7 mm (6.4" × 2.5" × 2.5")	
Weight			0.37 kg (0.81 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 (V8.7.3.0)
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, Italian, Russian, Traditional Chinese
Applications	
Software Supported	GV-DVR / NVR (V8.8.0), GV-VMS (V17.3.0), GV-Control Center (V3.6.0), GV-Edge Recording Manager Windows version (V1.4.0), GV-Recording Server / Video Gateway (V1.4.2), GV-Redundant / Failover Server (V1.1.0.0)
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

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|-----------------------------------|--------------------------|
| 1. GV-TBL2703 IR Bullet IP Camera | 4. Drill Template Paster |
| 2. Waterproof Rubber Set | 5. Download Guide |
| 3. Screw Kit | 6. Warranty Card |

Accessories

Model No.	Name		Details
GV-Mount300-2	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	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-Mount502)	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-Mount502	Wall Mount Bracket		Dimensions: 93 x 93 x 39 mm (3.66" x 3.66" x 1.53") Weight: 0.235 kg (0.52 lb)
GV-PA191	Power over Ethernet (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-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.		