

GV-ABL4701 4MP H.265 Super Low Lux WDR IR Bullet IP Camera



- 1/3" progressive scan super low lux CMOS sensor
- Min. illumination at 0.02 lux
- Triple streams from H.265, H.264 or MJPEG
- Up to 20 fps at 2592 x 1520, 25 fps at 2560 x 1440, 30 fps at 2048 x 1520
- Intelligent IR
- IR distance up to 30 m (100 ft)
- Day and night function (with removable IR-cut filter)
- Ingress protection (IP66)
- 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

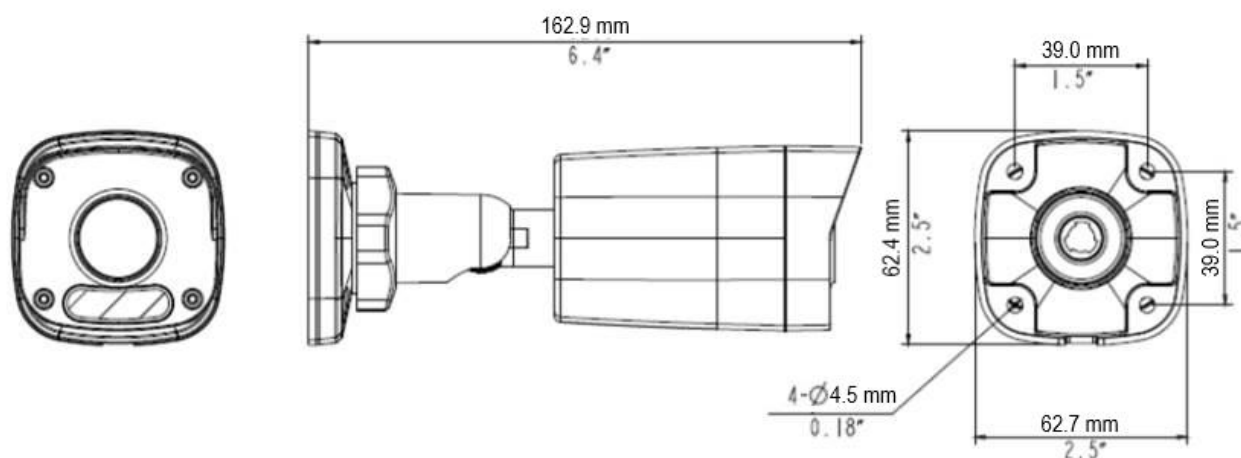
Introduction

The Bullet IP Camera is an outdoor 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. The camera adheres to IP66 standards and can be powered through PoE.

Models

Model	Iris	Focal Length (mm)	Horizontal FOV	Maximum Aperture	Image Format
GV-ABL4701-0F	Fixed	4 mm	78°	F/1.8	1/3"
GV-ABL4701-1F		6 mm	49°		

Dimensions



Specifications

Camera		GV-ABL4701-0F	GV-ABL4701-1F
Image Sensor		1/3" progressive scan super low lux CMOS	
Picture Elements		2592 (H) x 1520 (V)	
Minimum Illumination	Color	0.02 Lux (F1.8, AGC ON)	
	IR ON	0 Lux	
Shutter Speed		Auto / Manual (1/6 ~ 1/100000 sec)	
White Balance		Auto / Manual	
Gain Control		Auto / Manual	
S/N Ratio		52 dB	
WDR		Yes	
Dynamic Range		Up to 72 dB	
Lens			
Megapixel		Yes	
Day / Night		Yes (with removable IR-cut filter)	
Lens Type		Fixed	
Focal Length		4 mm	6mm
Maximum Aperture		F/1.8	
Mount		M12	
Horizontal FOV		78°	49°
Operation	Focus	Fixed	
	Zoom	Fixed	
	Iris	Fixed	
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	2592 x 1520, 2560 x 1440 (Default), 2048 x 1520, 1920 x 1080	
	Sub Stream	1920 x 1080, 1280 x 720, 720 x 576, 704 x 288, 640 x 360 (Default), 352 x 288	
	Third Stream (Closed by Default)	720 x 576, 704 x 288, 640 x 360, 352 x 288	
Frame Rate		20 fps at 2592 x 1520, 25 fps at 2560 x 1440, 30 fps at 2048 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		20	
Image Setting		Brightness, Contrast, Saturation, Sharpness, Flicker-less, Image Orientation (Flip, Mirror, 0°, 90°, 180°, 270°-including Corridor format)	
Network			
Interface		10/100 Ethernet	
Protocol		802.1x, ARP, DHCP, DDNS, DNS, DynDNS, FTP, HTTP, HTTPS, ICMP, IGMP, IPv4, NTP, PPPoE, QoS, RTCP, RTP, RTSP, SMTP, SNMP, 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 (DC 12V, 1.25A), PoE	
	Ethernet	RJ-45 connector	
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		5.5 W	

Dimensions	162.9 × 62.4 × 62.7 mm (6.4" × 2.5" × 2.5")
Weight	0.25 kg (0.55 lb)
Ingress Protection	IP66
Certification	FCC, CE, RoHS, UL 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, Defog, Text Overlay, Image Masking
Language	Czech, English, French, German, Hungarian, Italian, Japanese, Polish, Portuguese, Russian, Spanish, Traditional Chinese

Applications

Software Supported	GV-DVR / NVR (V8.7.4.0), GV-VMS (V16.11.0.0), GV-Control Center (V3.5.0.0), GV-Recording Server / Video Gateway (V1.4.0.0), GV-Redundant / Failover Server (V1.1.0.0)
Smart Device Access	GV-Eye for iOS and Android
Live Viewing	Browser (IE, Edge, Chrome, Firefox, Safari), Mobile App

Note:

1. It is required to apply patch files to all 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-ABL4701 IR Bullet IP Camera
2. Waterproof Rubber Set
3. Screw Kit
4. Drill Template Paster
5. Download Guide
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-Mount440-1 (must be used with GV-Mount502)	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: 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	PoE Adapter		The 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

Convex Corner Mount	Concave Corner Mount
GV-Mount300-2	GV-Mount310-2
	

Convex / Concave Corner Mount
GV-Mount502 + GV-Mount300-2 / 310-2
