

GV-UBL2411 2MP H.264 3x Zoom WDR Pro IR Ultra Bullet IP Camera



- 2" megapixel progressive scan CMOS
- Dual streams from H.264 and MJPEG
- Up to 30 fps at 1920 x 1080
- Vandal resistance (IK10 for metal casing)
- Ingress protection (IP67)
- Motorized varifocal lens for remote focus/zoom adjustment
- Removable IR-cut filter for Day/Night function
- Intelligent IR
- Megapixel lens
- One alarm input and sensor output
- Built-in micro SD card slot (SD/SDHC) for local storage
- Recording assigned by GV-Edge Recording Manager ([Windows](#), [Mac](#) version)
- DC 5V / PoE (IEEE 802.3af)
- Wide Dynamic Range Pro (WDR Pro)
- 2D noise reduction
- Defog
- Motion detection
- Tampering alarm
- Visual automation
- Text overlay
- Privacy mask
- IP address filtering
- Supports iPhone, iPad, Android & 3GPP
- 31 languages on Web interface
- ONVIF (Profile S) conformant
- More storage option – [NAS](#)

* No memory card slot & local storage function for Argentina

Introduction

The Ultra Bullet Camera is a lightweight camera designed for outdoor environments. It adheres to the IP67 standard and has full protection against dust and jets of water. Equipped with WDR Pro, the camera can process scenes with contrasting intensity of lights and produce clear image. With its motorized varifocal lens, the user can zoom and focus the camera from the Web interface.

Active Tampering Alarm

Tampered



Focus Change



Camera Shift

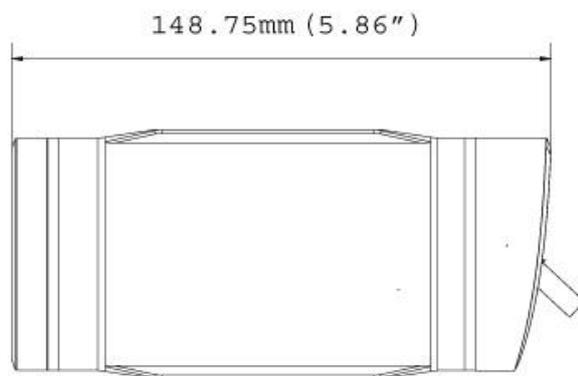
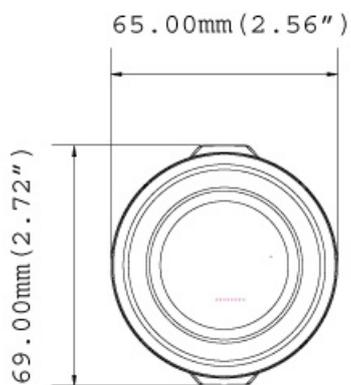


Overview

- Panel

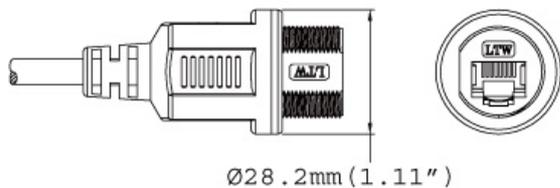


- Dimensions

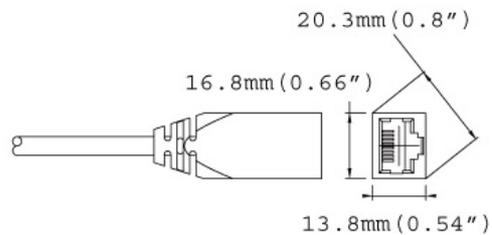


- LAN Connector

Option 1 (Waterproof)



Option 2 (Smaller and non-waterproof)



Specifications

Camera		
Image Sensor	1/3.2" progressive scan CMOS	
Picture Elements	1920 (H) x 1080 (V)	
Minimum Illumination	Color	0.08 Lux
	B/W	0.05 Lux
	IR ON	0 Lux
Shutter Speed	Automatic, Manual (1/5 ~ 1/8000 sec)	
White Balance	Automatic, Manual (2800K ~ 8500K)	
Gain Control	Automatic	
S/N Ratio	47 dB	
BLC	Yes	
WDR Pro	Yes (with WDR sensor)	
Dynamic Range	Up to 100 dB	
Lens		
Megapixel	Yes	
Focal Length	3 ~ 9 mm	
Day/Night	Yes (with removable IR-cut filter)	
Lens Type	Motorized varifocal lens	
Maximum Aperture	F/1.2	
Mount	Ø 14 mm	
Image Format	1/2.7"	
Horizontal FOV	82° ~ 30°	
Operation	Focus	Auto Focus
	Zoom	3x Optical Zoom
	Iris	DC Drive
IR LED Quantity	4 IR LEDs	
Max. IR Distance	10 m (32.81 ft)	
Operation		
Video Compression	H.264, MJPEG	
Video Stream	Dual streams from H.264 and MJPEG	
Frame Rate	30 fps at 1920 x 1080 (60/50 Hz) *The frame rate and the performance may vary depending on the number of connections and data bitrates (different scenes).	
Image Setting	Brightness, Contrast, Sharpness, Gamma, White Balance, Flicker-less, Image Orientation, Backlight Compensation, Zoom, Focus Change, Shutter Speed, D/N Sensitivity, WDR, Defog, Denoise, Metering	
Audio Support	No	
Sensor Input	1 Input (Dry Contact)	
Alarm Output	1 Output (200mA 5V DC)	
Video Resolution		
Main Stream	4 : 3	1600 x 1200, 1280 x 960, 640 x 480, 320 x 240
	16 : 9	1920 x 1080 (Default), 1280 x 720, 640 x 360, 448 x 252
	5 : 4	1280 x 102, 640 x 512, 320 x 256
Sub Stream	4 : 3	640 x 480, 320 x 240
	16 : 9	640 x 360, 448 x 252 (Default)
	5 : 4	640 x 512, 320 x 256
Network		
Interface	10/100 Ethernet	
Protocol	HTTP, HTTPS, TCP, UDP, SMTP, FTP, DHCP, NTP, UPnP, DynDNS, 3GPP/ISMA, RTSP, SNMP, QoS (DSCP), ONVIF (Profile S)	
Mechanical		
Temperature Detector	Yes	
Connectors	Power	2-pin terminal block, PoE
	Ethernet	Ethernet (10/100 Base-T), RJ-45 cable Two types of models for selection: Waterproof or Non-Waterproof with smaller size
	Digital I/O	I/O Wire

	Local Storage	Micro SD card slot (SD/SDHC, SD version 2.0 only, Class 10) * SDXC and UHS-I card types are not supported.
General		
Environment Temperature	Start-up	-10°C ~ 45°C (14°F ~ 113°F)
	Operation	
Humidity		10% to 90% (no condensation)
Power Source		5V DC / PoE (IEEE 802.3af)
Max. Power Consumption		6.94 W
Dimensions		148.75 x 65 x 69 mm (5.86" x 2.56" x 2.72")
Weight		850 g (1.9 lb)
Ingress Protection		IP67
Vandal Resistance		IK10 for metal casing
Regulatory		CE, FCC, RCM, RoHS compliant
Power over Ethernet		
PoE Standard		PoE (IEEE 802.3af Power over Ethernet / PD)
PoE Power Supply Type		End-Span
PoE Power Output		Per Port 48V DC, 350mA. Max. 15.4 watts
Web Interface		
Installation Management		Web-based configuration
Maintenance		Firmware upgrade through Web Browser or Utility
Access from Web Browser		Camera Live View, Video Recording, Change Video Quality, Bandwidth Control, Image Snapshot, Digital I/O Control, Picture in Picture, Picture and Picture, Privacy Mask, Visual Automation, Tampering Alarm, Text Overlay
Language		Arabic / Bulgarian / Czech / Danish / Dutch / English / Finnish / French / German / Greek / Hebrew / Hungarian / Indonesian / Italian / Japanese / Lithuanian / Norwegian / Persian / Polish / Portuguese / Romanian / Russian / Serbian / Simplified Chinese / Slovakian / Slovenian / Spanish / Swedish / Thai / Traditional Chinese / Turkish
Application		
Network Storage		GV-DVR/NVR, GV-Backup Center, GV-Recording Server, GV-VMS
Smart Device Access		GV-Eye for iOS and Android
Live Viewing		IE, mobile phone
CMS Server support		GV-Control Center, GV-Center V2, GV-Vital Sign Monitor

Note:

- The signal range and data throughput may vary depending on the network conditions and environmental factors.
- Mind the following when using an inserted memory card for recording:
 - Recorded data on the memory card can be damaged or lost if the data are accessed while the camera is under physical shock, power interruption, memory card detachment or when the memory card reaches the end of its lifespan. No guarantee is provided for such causes.
 - The stored data can be lost if the memory card is not accessed for a long period of time. Back up your data periodically if you seldom access the memory card.
 - Memory cards are expendable and their durability varies according to the conditions of the installed site and how they are used. Back up your data regularly and replace the memory card annually.
 - To avoid power outage, it is highly suggested to apply a battery backup (UPS).
 - For better performance, it is highly suggested to use Micro SD card of MLC NAND flash, Class 10.
 - Replace the memory card when its read/write speed is lower than 6 MB/s or when the memory card is frequently undetected by the camera.
- Specifications are subject to change without notice.

Packing List

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| 1. Ultra Bullet Camera (with Waterproof or Non-Waterproof LAN connector) | 8. Cable connector (for waterproof LAN connector only) |
| 2. Camera Stand | 9. Silica Gel Bag x 2 |
| 3. Black Rubber | 10. 2-Pin Terminal Block |
| 4. Self Tapping Screw x 3 | 11. Data cable |
| 5. Plastic Screw Anchor x 3 | 12. Power Adapter |
| 6. Torx Wrench | 13. Download Guide |
| 7. Sun-Shield Cover Kit (Sun-Shield Cover, Philips Head Screws x 2, Plastic Screw Spacers x 2, Hexagon Screws x 2) | 14. Warranty Card |

Note: The power adapter can be excluded upon request.

Accessories

Model No.	Name		Details
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-Relay V2	GV-Relay V2		The GV-Relay V2 is designed to expand the voltage load of GV IP devices. It provides 4 relay outputs, and each can be set as normally open (NO) or normally closed (NC) independently as per your requirement.
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.