

GV-BL5311-E 5MP H.264 2x zoom WDR IR Arctic Bullet IP Camera



- 5 megapixel progressive scan CMOS
 - Dual streams from H.264 and MJPEG
 - Up to 10 fps at 2560 x 1920
 - Intelligent IR
 - IR distance up to 40 m (131 ft)
 - P-Iris lens for auto iris control
 - Motorized varifocal lens for remote focus/zoom adjustment
 - Vandal resistance (IK10 for metal casing)
 - Ingress protection (IP67)
 - Wide temperature tolerance (-40°C ~ 50°C / -40°F ~ 122°F)
 - One sensor input and alarm output
 - Built-in micro SD card slot (SD/SDHC) for local storage
 - NAS Recording
 - Recording assigned by GV-Edge Recording Manager (Windows, Mac version)
 - 2-way audio
 - Wide Dynamic Range (WDR)
 - 2D noise reduction
 - Defog
 - Motion detection
 - Tampering alarm
 - Privacy mask
 - IP address filtering
 - DC 12V / AC 24V
 - Removable IR-cut filter for Day/Night function
 - Supports iPhone, iPad, Android & 3GPP
 - 31 languages on Web interface
 - ONVIF (Profile S) conformant
- * For optimal performance and compatibility, it is highly recommended to use a GV-NAS System.
- * No Memory Card Slot & local storage function for Argentina.

Introduction

GV-BL5311-E is an Arctic Bullet Camera that is specifically designed for outdoors with extreme temperatures (-40°C ~ 50°C / -40°F ~ 122°F). With its motorized focus/zoom, users can remotely adjust the focus and zoom from the Web interface. The camera allows for precise control of exposure using its P-iris, producing images with better clarity and contrast.

Active Tampering Alarm

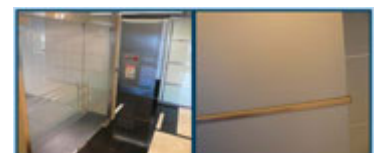
Tampered



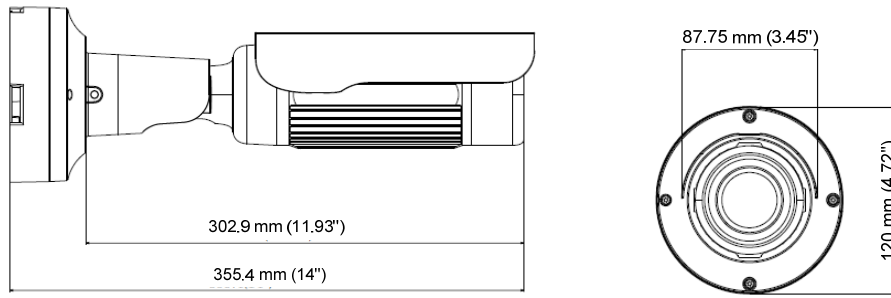
Focus Change



Camera Shift



Dimensions



Specifications

Camera		
Image Sensor	1/2.5" progressive scan CMOS	
Picture Elements	2560 (H) x 1920 (V)	
Minimum Illumination	Color	0.15 Lux
	B/W	0.10 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	45 dB	
BLC	Yes	
Dynamic Range	Up to 72 dB	
Lens		
Megapixel	Yes	
Focal Length	4.5 ~ 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	70° ~ 39°	
Operation	Focus	Auto Focus
	Zoom	2X Optical Zoom
	Iris	P-Iris
IR LED Quantity	16 IR LEDs	
Max. IR Distance	40 m (131 ft)	
Operation		
Video Compression	H.264, MJPEG	
Video Stream	Dual streams from H.264 or MJPEG	
Frame Rate	10 fps at 2560 x 1920	
	*The frame rate and the performance may vary depending on the number of connections and data bitrates (different scenes).	
Image Setting	Brightness, Contrast, Saturation, Sharpness, Gamma, White Balance, Flicker-less, Image Orientation, Shutter Speed, D/N Sensitivity, Backlight Compensation, WDR, Defog, Zoom, Focus Change, Denoise, Metering	
Audio Compression	G.711, AAC (optional)	
Audio Support	Two-Way Audio	
Sensor Input	1 Input (Dry Contact)	
Alarm Output	1 Digital Output (200mA 5V DC)	
Video Resolution		
Main Stream	4 : 3	2560 x 1920, 2048 x 1536, 1600 x 1200, 1280 x 960, 640 x 512, 320 x 256
	16 : 9	1920 x 1080, 1280 x 720, 640 x 360, 448 x 252
	5 : 4	1280 x 1024, 640 x 512, 320 x 256
Sub Stream	4 : 3	640 x 480, 320 x 240
	16 : 9	640 x 360, 448 x 252
	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, PSIA, SNMP, QoS (DSCP), ONVIF (Profile S)	
Mechanical		
Temperature Detector	Yes	
Camera Angle Adjustment	Pan	0° ~ 360°
	Tilt	90° ~ 180°
	Rotate	0° ~ 360°
Mechanical		
Connectors	Power	2-pin terminal block
	Ethernet	Ethernet (10/100 Base-T), RJ-45 Cable
	Audio	1 In (3.5 mm / 0.14" phone jack for microphone) 1 Out (3.5 mm / 0.14" Stereo phone jack for speaker)
	Digital I/O	3-pin terminal block, pitch 2.5 mm / 0.1"
	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	-40°C ~ 50°C (-40 °F ~ 122 °F)
	Operation	
Humidity	10% to 90% (no condensation)	
Power Source	12V DC / 24V AC	
Max. Power Consumption	33.2 W	
Dimensions	355.4 x 87.75 x 120 mm (14" x 3.45" x 4.72")	
Weight	1.96 kg (4.32 lb)	
Heater	On: -40°C ~ 30°C (-40 °F ~ 86°F); Off: 31°C (87.8°F)	
Fan	Constantly on	
Ingress Protection	IP67	
Vandal Resistance	IK10 for metal casing	
Regulatory	CE, FCC, RCM, RoHS compliant	
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, Audio, Picture in Picture, Picture and Picture, Privacy Mask, Visual Automation, Tampering Alarm, Text Overlay, Digital PTZ	
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-Backup Center, GV-Recording Server, GV-System (GV-DVR/NVR), 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:

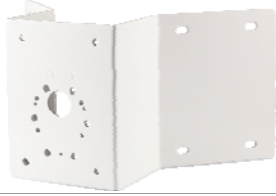




- Specifications are subject to change without prior notice.
- Mind the following when using an inserted memory card for recording:
 - Recorded data on the memory card can be damaged or lost if the data are accessed while the camera is under physical shock, power interruption, memory card detachment or when the memory card reaches the end of its lifespan. No guarantee is provided for such causes.
 - 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.

Packing List

1. Bullet Camera
2. Self Tapping Screw x 3
3. Plastic Screw Anchor x 3
4. Torx Wrench x 3
5. Sun-Shield Cover Kit (1 Sun-Shield Cover, 2 Philips Head Screws, 2 Plastic Screw Spacers and 2 Hexagon Screws included)
6. Silica Gel Bag x 2
7. 2-Pin Terminal Block
8. 3-Pin Terminal Block
9. Power Adapter
10. Installation Sticker
11. Ruler
12. Stand Kit (Conduit Converter, PG21 Conduit Connector, RJ-45 Connector, M3 Screw x 2, Cable Tie)
13. Mounting Kit (M4 Screw x 3, Nut x 3, Plate x 3)
14. GV-IPCAM H.264 Quick Start Guide
15. GV-IPCAM H.264 Software DVD
16. GV-NVR Quick Start Guide
17. GV-NVR Software DVD

Note: The power adapter can be excluded upon request.

Accessories

Model No.	Name		Details
GV-Mount300	Convex Corner Adapter Kit		Dimensions: 238.6 x 409.5 mm (9.4" x 16.1") Weight: 4.27 kg (9.41 lb)
GV-Mount310	Concave Corner Adapter Kit		Dimensions: 123.3 x 393.1 mm (4.9" x 15.5") Weight: 2.96 kg (6.53 lb)
GV-Mount400	Pole Mount Bracket Kit (\varnothing 4" ~ 6")		Dimensions Bracket: 241 x 161 mm (9.5" x 6.3") Weight: 1.70 kg (3.75 lb) Steel Strap Diameter: \varnothing 4" ~ 6"
GV-Mount410	Pole Mount Bracket Kit (\varnothing 6" ~ 7.5")		Dimensions Bracket: 241 x 161 mm (9.5" x 6.3") Weight: 1.70 kg (3.75 lb) Steel Strap Diameter: \varnothing 6" ~ 7.5"
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.
Power Adapter	Power adapters are available in 4 regions: U.S.A., Australia, U.K and Europe.		