

GV-BX5300-E 5MP H.264 WDR IR Arctic Box IP Camera



- 5 megapixel progressive scan CMOS
- Dual streams from H.264 and MJPEG
- Up to 10 fps at 2560 x 1920
- Day / Night function (with removable IR-cut filter)
- Vandal resistance (IK10 for metal casing)
- Ingress protection (IP67)
- Built-in heater and fan
- Support for TV-out
- Two-way audio
- Wide Dynamic Range (WDR)
- Defog
- Motion detection
- Tampering alarm
- Privacy mask
- Text overlay
- IP address filtering
- Power supplied through PoE (IEEE 802.3at)
- Megapixel lens
- Support for iPhone, iPad, Android and 3GPP
- 31 languages on Web interface
- ONVIF (Profile S) conformant

Active Tampering Alarm

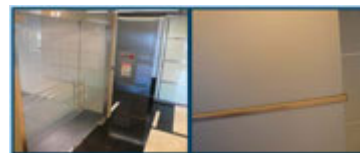
Tampered



Focus Change



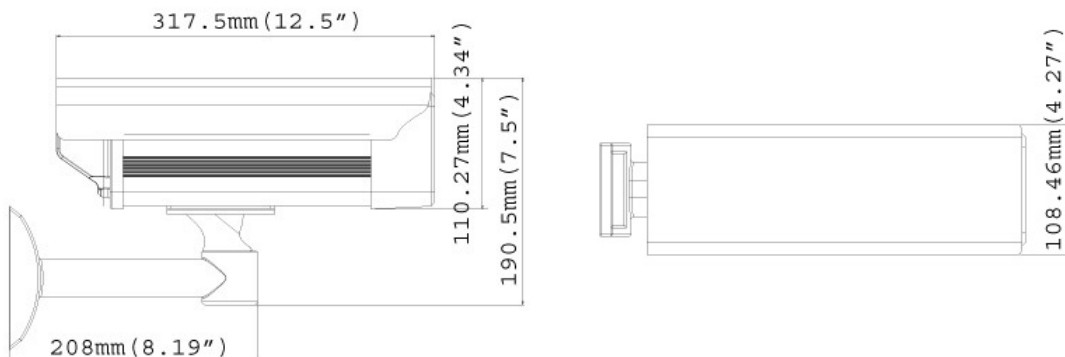
Camera Shift



Introduction

The GV-BX5300-E is an outdoor cameras designed for environments of extreme temperatures. The camera adheres to **IP67** and **IK10** protection standards, and is equipped with IR LEDs and removable IR-cut filter for day and night surveillance.

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 (2800 ~ 8500K)
Gain Control		Automatic
S/N Ratio		45 dB
BLC		Yes
Lens		
Megapixel		Yes
Day/Night		Yes (with removable IR-cut filter)
Lens Type		Varifocal
Focal Length		4.5 ~ 10 mm
Maximum Aperture		F/1.6
Mount		CS
Image Format		1/2"
Operation	Focus	Manual (w/lock)
	Zoom	Manual (w/lock)
	Iris	Manual (w/lock)
IR Quantity		4
Max. IR Distance		15 m (50 ft.)
Torque (Focus/Zoom screws)		0.049 N.m
Operation		
Video Compression		H.264, MJPEG
Video Stream		Dual streams from H.264 and MJPEG
Frame Rate		10 fps at 2560 x 1920 * The frame rate and 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
Audio Compression		G.711
Two-way Audio		Yes
Video Resolution		
Main Stream	4:3	2560 x 1920, 2048 x 1536, 1600 x 1200, 1280 x 960, 640 x 480, 320 x 240
	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		
Camera Angle Adjustment	Pan	0 ° ~ 330°
	Tilt	0° ~ 90°
Temperature Detector		Yes
Connectors	Power	PoE
	Ethernet	RJ-45
	Audio	1 In (externally connecting a microphone) 1 Out (Stereo phone jack, 3.5 mm / 0.14")
	TV-Out	BNC connector (640 x 480 resolution)
LED Indicator		1 LED: Status
General		
Environment Temperature	Start-up	-30°C ~ 50°C (-22°F ~ 122°F)
	Operation	-40°C ~ 50°C (-40°F ~ 122°F)
Humidity		10% to 90% (no condensation)
Power Source		PoE (IEEE802.3at)
Max. Power Consumption		21.6 W
Dimensions (L X W X H)		100.5 x 100.5 x 317.5 mm (3.96" x 3.96" x 12.5")
Weight		3.2 Kg (7.11 lb)
Heater On		-40°C ~ 8°C (-40°F ~ 46.4°F)
Fan		Constantly on
Ingress Protection		IP67
Vandal Resistance		IK10 for metal casing
Regulatory		CE, FCC, C-Tick, RoHS compliant
Power over Ethernet		
PoE Standard		IEEE 802.3at Power over Ethernet / PD
PoE Power Supply Type		End-Span
PoE Power Output		Per Port 48V DC, 600mA. Max. 34.2 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, Audio, Picture in Picture, Picture and Picture, Privacy Mask, 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
Applications		
Network Storage		GV-NVR, GV-System, GV-Backup Center, GV-Recording Server
Smart Device Access		GV-Eye for Android smartphone, tablet, iPhone, and iPod Touch GV-Eye HD for iPad
Live Viewing		IE, mobile phone
CMS Server support		GV-Control Center, GV-Center V2, GV-VSM

Note: Specifications are subject to change without notice.

Packing List

- | | |
|-------------------------|-------------------------------------|
| 1. IR Arctic Box Camera | 7. Silica Gel Bag x 2 |
| 2. Screw Anchor x 4 | 8. GV-IPCAM H.264 Quick Start Guide |
| 3. Screw x 4 | 9. GV-IPCAM H.264 Software CD |
| 4. Washer x 4 | 10. GV-NVR Quick Start Guide |
| 5. Big Torx Wrench | 11. GV-NVR Software DVD |
| 6. Small Torx Wrench | |

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: 238.6 x 409.5 mm (9.4" x 16.1") Weight: 4.27 Kg (9.41 lb) 
GV-Mount400	Pole Mount Bracket Kit (Ø 4" ~ 6")	Dimensions Bracket: 241 x 161 mm (9.5" x 6.3") Weight: 1.70 Kg (3.75 lb) Steel Strap Diameter: Ø 4" ~ 6" 
GV-Mount410	Pole Mount Bracket Kit (Ø 6" ~ 7.5")	Dimensions Bracket: 241 x 161 mm (9.5" x 6.3") Weight: 1.70 Kg (3.75 lb) Steel Strap Diameter: Ø 6" ~ 7.5" 
GV-PA481 PoE Power Adapter		The GV-PA481 PoE adapter is designed to provide power and network connection to GV-BX1500-E / 2400-E / 3400-E / 5300-E over a single Ethernet cable.
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.

