

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
- NAS Recording
- Recording assigned by GV-Edge Recording Manager (Windows, Mac version)
- Two-way audio
- Wide Dynamic Range (WDR)
- 2D noise reduction
- 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

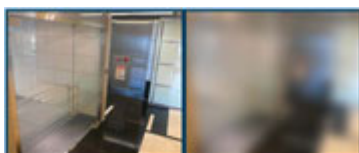
* For optimal performance and compatibility, it is highly recommended to use a GV-NAS System

Active Tampering Alarm

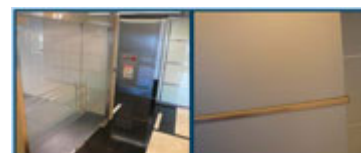
Tampered



Focus Change



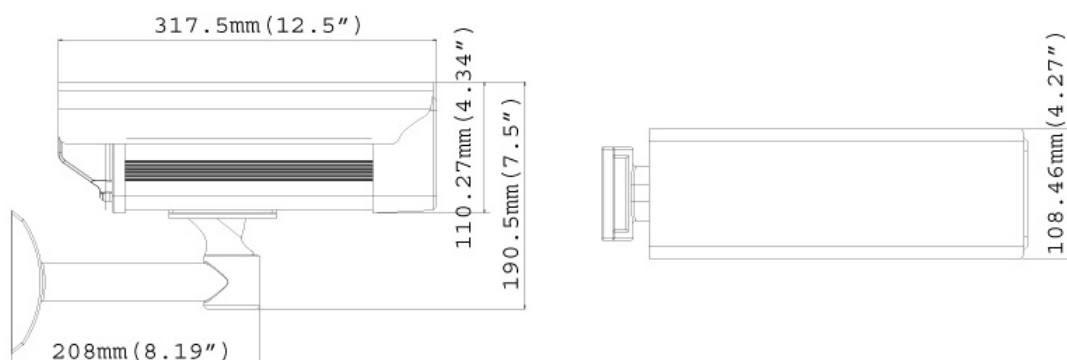
Camera Shift



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"
Horizontal FOV		70°~34°
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, Denoise, Metering
Audio Compression		G.711, AAC (optional)
Audio Support		Two-Way Audio
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

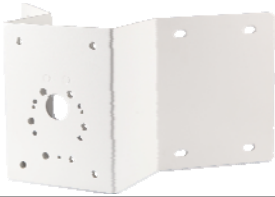
Network		
Interface		10/100 Ethernet
Protocol		HTTP, HTTPS, TCP, UDP, SMTP, FTP, DHCP, NTP, UPnP, DynDNS, 3GPP/ISMA, RTSP, PSIA, SNMP, QoS (DSCP), ONVIF (Profile S)
Mechanical		
Camera Angle Adjustment	Pan	0° ~ 330°
	Tilt	0° ~ 90°
Temperature Detector		Yes
Connectors	Power	PoE
	Ethernet	RJ-45
	Audio	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, RCM, RoHS compliant
Power over Ethernet		
PoE Standard		PoE+ (IEEE 802.3at Power over Ethernet / PD)
PoE Power Supply Type		End-Span
PoE Power Output		Per Port 48V DC, 600 mA. 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, 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-System (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: 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. Adhesive Tape x 2 |
| 3. Screw x 4 | 9. GV-IPCAM H.264 Quick Start Guide |
| 4. Washer x 4 | 10. GV-IPCAM H.264 Software DVD |
| 5. Big Torx Wrench | 11. GV-NVR Quick Start Guide |
| 6. Small Torx Wrench | 12. GV-NVR Software DVD |

Accessories

Model No. Name	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 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.