

GV-UBX2301 Series 2MP H.264 WDR IR Ultra Box IP Camera



- 1/2.5" progressive scan CMOS
- Dual streams from H.264 and MJPEG
- Up to 30 fps at 1920 x 1080
- Intelligent IR
- Day and night function (with removable IR-cut filter)
- Wide Dynamic Range (WDR)
- Defog
- Built-in micro SD card slot (SD/SDHC) for local storage
- Two-way audio
- Motion detection
- Tampering alarm
- Text overlay
- Privacy mask
- IP address filtering
- DC 5V / PoE
- Megapixel lens
- Supports iPhone, iPad, Android & 3GPP
- 31 languages on Web interface
- ONVIF (Profile S) conformant

* No Memory Card Slot & local storage function for Argentina.

Introduction

The Ultra Box Camera is a series of light-weighted cameras designed for indoor usage. Equipped with IR-cut filter and built-in IR LEDs, the Ultra Box Camera provides excellent image quality. The camera supports PoE and can be installed intuitively. It is available in different focal lengths to best suit your needs.

Models

Model	Iris	Focal Length (mm)	Maximum Aperture	Image Format
GV-UBX2301-0F	Fixed	2.8	F/2.0	1/3"
GV-UBX2301-1F	Fixed	4	F/1.6	1/3"
GV-UBX2301-2F	Fixed	8	F/1.6	1/3"

Active Tampering Alarm

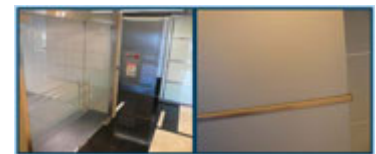
Tampered



Focus Change



Camera Shift

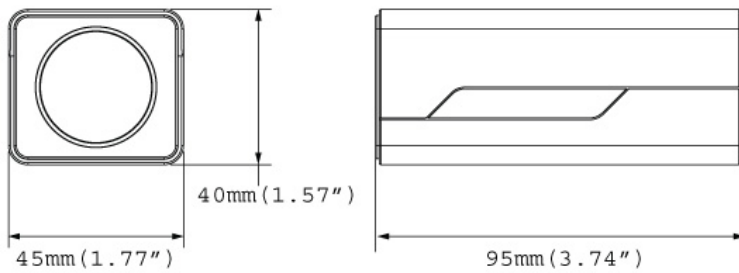


Overview

Panel



Dimensions



Specifications

Camera	GV-UBX2301-0F	GV-UBX2301-1F	GV-UBX2301-2F
Image Sensor	1/2.5" progressive scan CMOS		
Picture Elements	1920 (H) x 1080 (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	50 dB		
BLC	Yes		
Lens			
Megapixel	Yes		
Focal Length	2.8 mm	4 mm	8 mm
Day/Night	Yes (with removable IR-cut filter)		
Lens Type	Fixed		
Maximum Aperture	F/2.0	F/1.6	F/1.6
Mount	M12, Pitch 0.5 mm		
Image Format	1/3"		
Horizontal FOV	79°	58°	31°
Operation	Focus	Fixed	
	Zoom	Fixed	
	Iris	Fixed	
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 *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		
Audio Compression	G.711, AAC (optional)		
Audio Support	Two-Way Audio		
Video Resolution			
Main Stream	4 : 3	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		
Temperature Detector		Yes
Connectors	Power	2-pin terminal block, PoE
	Ethernet	RJ-45
	Audio	1 In (built-in microphone) 1 Out (Stereo phone jack, 3.5 mm / 0.14")
	Local Storage	Micro SD card slot (SD/SDHC, SD version 2.0 only, Class 10) * SDXC and UHS-I card types are not supported.
LED Indicator		2 LEDs: Power, Status
General		
Environment Temperature		0°C ~ 40°C (32 °F ~ 104 °F)
Humidity		10% to 90% (no condensation)
Power Source		5V DC / PoE
Max. Power Consumption		6.5 W
Dimensions		95 x 45 x 40 mm (3.7 x 1.8 x 1.6")
Weight		120 g (0.26 lb)
Regulatory		CE, FCC, C-Tick, RoHS compliant
Power over Ethernet		
PoE Standard		IEEE 802.3af Class 3 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, 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
Application		
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 prior notice.

Packing List

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|------------------------|-------------------------------------|
| 1. Ultra Box Camera | 5. GV-IPCAM H.264 Quick Start Guide |
| 2. Supporting rack x 1 | 6. GV-IPCAM H.264 Software CD |
| 3. Screw x 3 | 7. GV-NVR Quick Start Guide |
| 4. Screw anchor x 3 | 8. GV-NVR Software DVD |

Accessories

Name	Details
	Weight: 130 g (0.29 lb) Dimensions (H x W x D): 43 x 69 x 40 mm (1.69 x 2.72 x 1.57")
GV-PA191 PoE Adapter	
Power Adapter	Power adapters are available in 4 regions: U.S.A., Australia, U.K and Europe.
GV-POE Swtich	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.