

GV-UBX3301 Series 3MP H.264 WDR IR Ultra Box IP Camera



- 1/2.5" progressive scan CMOS
- Dual streams from H.264 and MJPEG
- Up to 20 fps at 2048 x 1536
- 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-UBX3301-0F	Fixed	2.8	F/2.0	1/3"
GV-UBX3301-1F	Fixed	4	F/1.6	1/3"
GV-UBX3301-2F	Fixed	8	F/1.6	1/3"

Active Tampering Alarm

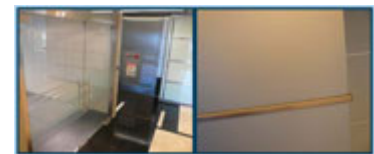
Tampered



Focus Change



Camera Shift

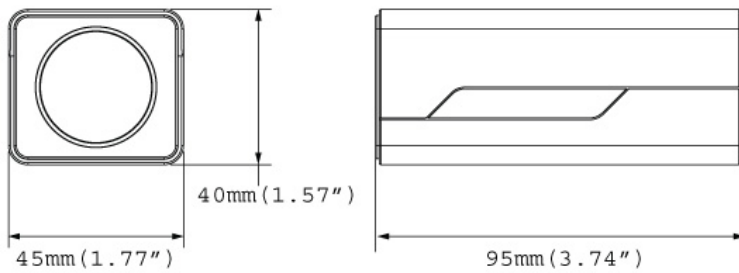


Overview

Panel



Dimensions



Specifications

Camera	GV-UBX3301-0F	GV-UBX3301-1F	GV-UBX3301-2F
Image Sensor	1/2.5" progressive scan CMOS "		
Picture Elements	2048 (H) x 1536 (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	80°	62°	33°
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	20 fps at 2048 x 1536 *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	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		
Temperature Detector	Yes	
Connectors	Power	2-pin terminal block, PoE
	Ethernet	RJ-45
	Audio	1 In (built-in microphone) 1 Out (Stereo phone jack, 0.35 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
 GV-PA191 PoE Adapter	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")
Power Adapter	Power adapters are available in 4 regions: U.S.A., Australia, U.K and Europe.
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.