

GV-UBX1301 Series 1.3MP 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 1280 x 1024
- Intelligent IR
- Day and night function (with removable IR-cut filter)
- Wide Dynamic Range (WDR)
- 2D noise reduction
- Defog
- Built-in micro SD card slot (SD/SDHC) for local storage
- Recording assigned by GV-Edge Recording Manager ([Windows](#), [Mac](#) version)
- Two-way audio
- Motion detection
- Tampering alarm
- Text overlay
- Privacy mask
- IP address filtering
- DC 5V / PoE (IEEE 802.3af)
- Megapixel lens
- Supports iPhone, iPad, Android & 3GPP
- 31 languages on Web interface
- ONVIF (Profile S) conformant
- More storage option – [NAS](#)

* 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

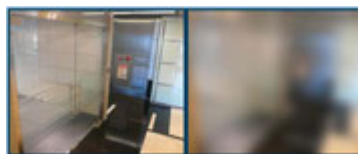
| Model | Iris | Focal Length (mm) | Maximum Aperture | Image Format |
|---------------|-------|-------------------|------------------|--------------|
| GV-UBX1301-0F | Fixed | 2.8 | F/2.0 | 1/3" |
| GV-UBX1301-1F | Fixed | 4 | F/1.6 | 1/3" |
| GV-UBX1301-2F | Fixed | 8 | F/1.6 | 1/3" |

Active Tampering Alarm

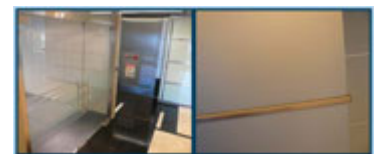
Tampered



Focus Change



Camera Shift

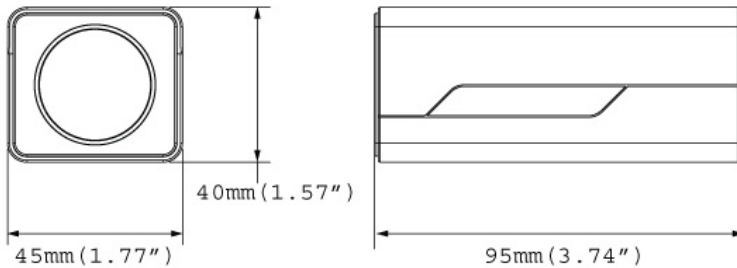


Overview

Panel



Dimensions



Specifications

| Camera | GV-UBX1301-0F | GV-UBX1301-1F | GV-UBX1301-2F |
|----------------------|---|---------------|---------------|
| Image Sensor | 1/2.5" progressive scan CMOS " | | |
| Picture Elements | 1280 (H) x 1024 (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 | 69° | 49° | 25° |
| 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 1280 x 1024 (60/50 Hz) *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, Denoise, Metering | | |

| Operation | | |
|-------------------------|--|---|
| Audio Compression | G.711, AAC (optional) | |
| Audio Support | Two-Way Audio | |
| Video Resolution | | |
| Main Stream | 4 : 3 | 1280 x 960, 640 x 480, 320 x 240 |
| | 16 : 9 | 1280 x 720, 640 x 360, 448 x 252 |
| | 5 : 4 | 1280 x 1024 (Default), 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 (Default) |
| 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 | |
| | Power | 2-pin terminal block, PoE |
| | Ethernet | RJ-45 |
| Connectors | 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 (IEEE 802.3af) | |
| 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, RCM, RoHS compliant | |
| Power over Ethernet | | |
| PoE Standard | PoE (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-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.
- 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.
 - The stored data can be lost if the memory card is not accessed for a long period of time. Back up your data periodically if you seldom access the memory card.
 - Memory cards are expendable and their durability varies according to the conditions of the installed site and how they are used. Back up your data regularly and replace the memory card annually.
 - 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. Ultra Box Camera | 6. GV-IPCAM H.264 Software DVD |
| 2. Supporting rack x 1 | 7. GV-NVR Software DVD |
| 3. Screw x 3 | 8. Warranty Card |
| 4. Screw anchor x 3 | |
| 5. Power Adapter | |

Note: The power adapter can be excluded upon request.

Accessories

| Name | Details |
|--|--|
|  <p data-bbox="97 683 314 714">GV-PA191 PoE Adapter</p> | <p data-bbox="513 488 734 519">Weight: 130 g (0.29 lb)</p> <p data-bbox="513 519 1090 551">Dimensions (H x W x D): 43 x 69 x 40 mm (1.69 x 2.72 x 1.57")</p> |
| Power Adapter | Contact your sales representative for the countries and areas supported. |
| 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. |