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-cute filter)
- Wide Dynamic Range (WDR)
- Defog
- Memory Card Slot
- 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 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	3	F/1.6	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
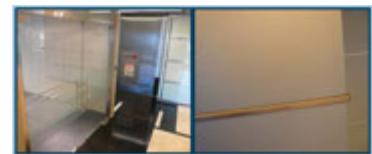
Overview

Panel

Dimensions
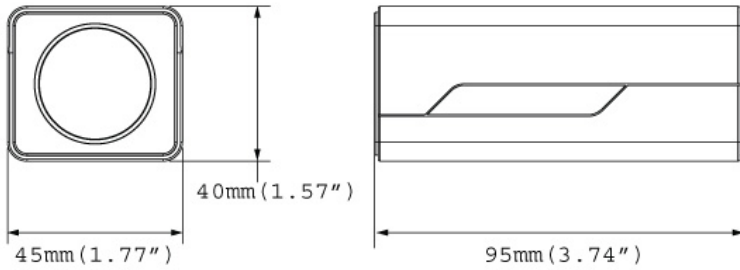
Specifications

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 at F/1.6		
	B/W	0 Lux at F/1.6		
	IR ON			
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		3 mm	4 mm	8 mm
Day/Night		Yes (with removable IR-cut filter)		
Lens Type		Fixed		
Maximum Aperture		F/1.6		
Mount		M12, Pitch 0.5 mm		
Image Format		1/3"		
Operation	Focus	Fixed		
	Zoom			
	Iris			
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 (24 kHz / 16 bit) *AAC (24 kHz / 16 bit) is only supported by GV-System V8.5.6 or later		
Two-way Audio		Yes		
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		

Mechanical			
Temperature Detector		Yes	
Connectors	Power	2-pin terminal block, PoE	
	Ethernet	RJ-45	
	Audio	1 In (RCA female for microphone) 1 Out (RCA female for speaker)	
	Auto Iris	DC Drive	
	Local Storage	Micro SD / SDHC / SDXC memory card slot (for Class 6 card or above)	
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
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.

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.