

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-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
- * 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	3	F/1.6	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



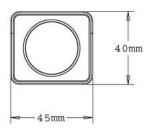
Focus Change

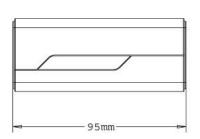


Camera Shift



Dimensions







Specifications

		GV-UBX1301-0F	GV-UBX1301-1F	GV-UBX1301-2F			
Image Sensor		1/2.5" progressive scan CMOS"					
Picture Elements		1280 (H) x 1024 (V)					
	Color	0.15 Lux at F/1.6					
Minimum Illumination	B/W	0 Lux at F/1.6					
	IR ON						
Shutter Speed		Automatic, Manual (1/5 ~ 1/8000 sec)					
White Balance		Automatic, Manual (2800K ~ 850	DK)				
Gain Control		Automatic					
S/N Ratio		50 dB					
BLC		Yes					
.ens							
Megapixel		Yes					
Focal Length		3 mm	4 mm	8 mm			
Day/Night		Yes (with removable IR-cut filter)		1			
Lens Type		Fixed					
Maximum Aperture		F/1.6					
Mount		M12, Pitch 0.5 mm					
Image Format		1/3"					
mage rormat	Focus						
Operation	Zoom	Fixed					
, ,	Iris						
IR LED Quantity		4 IR LEDs					
IR Distance		10 m / 32.81 ft. (Max.)					
Operation		, , , , , , , , , , , , , , , , , , , ,					
Video Compression		H.264, MJPEG					
Video Stream			Dual streams from H.264 and MJPEG				
Frame Rate		30 fps at 1280 x 1024 *The frame rate and the performance may vary depending on the number of connections and data bitrates (different scenes).					
Frame Rate		*The frame rate and the perform bitrates (different scenes).					
Frame Rate Image Setting		*The frame rate and the perform bitrates (different scenes).	Sharpness, Gamma, White	Balance, Flicker-less, Image Orientation,			
		*The frame rate and the perform bitrates (different scenes). Brightness, Contrast, Saturation,	Sharpness, Gamma, White acklight Compensation, WD	Balance, Flicker-less, Image Orientation, PR, Defog			
Image Setting		*The frame rate and the perform bitrates (different scenes). Brightness, Contrast, Saturation, Shutter Speed, D/N Sensitivity, Ba G.711, AAC (24 kHz / 16 bit)	Sharpness, Gamma, White acklight Compensation, WD	Balance, Flicker-less, Image Orientation, PR, Defog			
Image Setting Audio Compression Two-way Audio		*The frame rate and the perform bitrates (different scenes). Brightness, Contrast, Saturation, Shutter Speed, D/N Sensitivity, Ba G.711, AAC (24 kHz / 16 bit) *AAC (24 kHz / 16 bit) is only sup	Sharpness, Gamma, White acklight Compensation, WD	Balance, Flicker-less, Image Orientation, PR, Defog			
Image Setting Audio Compression Two-way Audio	4:3	*The frame rate and the perform bitrates (different scenes). Brightness, Contrast, Saturation, Shutter Speed, D/N Sensitivity, Ba G.711, AAC (24 kHz / 16 bit) *AAC (24 kHz / 16 bit) is only sup	Sharpness, Gamma, White acklight Compensation, WD	Balance, Flicker-less, Image Orientation, PR, Defog			
Image Setting Audio Compression Two-way Audio	4:3 16:9	*The frame rate and the perform bitrates (different scenes). Brightness, Contrast, Saturation, Shutter Speed, D/N Sensitivity, B: G.711, AAC (24 kHz / 16 bit) *AAC (24 kHz / 16 bit) is only sup	Sharpness, Gamma, White acklight Compensation, WD	Balance, Flicker-less, Image Orientation, PR, Defog			
Image Setting Audio Compression Two-way Audio /ideo Resolution		*The frame rate and the perform bitrates (different scenes). Brightness, Contrast, Saturation, Shutter Speed, D/N Sensitivity, Barrier Speed, D/N Sensitivity	Sharpness, Gamma, White acklight Compensation, WE ported by GV-System V8.5.	Balance, Flicker-less, Image Orientation, PR, Defog			
Image Setting Audio Compression Two-way Audio /ideo Resolution	16:9	*The frame rate and the perform bitrates (different scenes). Brightness, Contrast, Saturation, Shutter Speed, D/N Sensitivity, Barrier Speed, D/N Sensitivity	Sharpness, Gamma, White acklight Compensation, WE ported by GV-System V8.5.	Balance, Flicker-less, Image Orientation, PR, Defog			
Image Setting Audio Compression Two-way Audio /ideo Resolution	16:9 5:4	*The frame rate and the perform bitrates (different scenes). Brightness, Contrast, Saturation, Shutter Speed, D/N Sensitivity, Barrier Speed, D/N Sensitivity	Sharpness, Gamma, White acklight Compensation, WE ported by GV-System V8.5.	Balance, Flicker-less, Image Orientation, PR, Defog			
Image Setting Audio Compression Two-way Audio /ideo Resolution Main Stream	16:9 5:4 4:3	*The frame rate and the perform bitrates (different scenes). Brightness, Contrast, Saturation, Shutter Speed, D/N Sensitivity, Barrier Speed, D/N Sensitivity	Sharpness, Gamma, White acklight Compensation, WE ported by GV-System V8.5.	Balance, Flicker-less, Image Orientation, PR, Defog			
Image Setting Audio Compression Two-way Audio /ideo Resolution Main Stream	16:9 5:4 4:3 16:9	*The frame rate and the perform bitrates (different scenes). Brightness, Contrast, Saturation, Shutter Speed, D/N Sensitivity, Barrier Speed, D/N Sensitivity	Sharpness, Gamma, White acklight Compensation, WE ported by GV-System V8.5.	Balance, Flicker-less, Image Orientation, PR, Defog			
Image Setting Audio Compression Two-way Audio /ideo Resolution Main Stream Sub Stream	16:9 5:4 4:3 16:9	*The frame rate and the perform bitrates (different scenes). Brightness, Contrast, Saturation, Shutter Speed, D/N Sensitivity, Barrier Speed, D/N Sensitivity	Sharpness, Gamma, White acklight Compensation, WE ported by GV-System V8.5.	Balance, Flicker-less, Image Orientation, PR, Defog			
Image Setting Audio Compression Two-way Audio /ideo Resolution Main Stream Sub Stream	16:9 5:4 4:3 16:9	*The frame rate and the perform bitrates (different scenes). Brightness, Contrast, Saturation, Shutter Speed, D/N Sensitivity, B: G.711, AAC (24 kHz / 16 bit) *AAC (24 kHz / 16 bit) is only sup Yes 1280 x 960, 640 x 480, 320 x 240 1280 x 720, 640 x 360, 448 x 252 1280 x 1024, 640 x 512, 320 x 256 640 x 480, 320 x 240 640 x 360, 448 x 252 640 x 512, 320 x 256	Sharpness, Gamma, White acklight Compensation, WE ported by GV-System V8.5.	Balance, Flicker-less, Image Orientation, PR, Defog			
Image Setting Audio Compression Two-way Audio /ideo Resolution Main Stream Sub Stream Setwork Interface Protocol	16:9 5:4 4:3 16:9	*The frame rate and the perform bitrates (different scenes). Brightness, Contrast, Saturation, Shutter Speed, D/N Sensitivity, B: G.711, AAC (24 kHz / 16 bit) *AAC (24 kHz / 16 bit) is only sup Yes 1280 x 960, 640 x 480, 320 x 240 1280 x 720, 640 x 360, 448 x 252 1280 x 1024, 640 x 512, 320 x 256 640 x 480, 320 x 240 640 x 360, 448 x 252 640 x 512, 320 x 256	Sharpness, Gamma, White acklight Compensation, WE ported by GV-System V8.5.	Balance, Flicker-less, Image Orientation, OR, Defog 6 or later			
Image Setting Audio Compression Two-way Audio /ideo Resolution Main Stream Sub Stream Setwork Interface Protocol	16:9 5:4 4:3 16:9	*The frame rate and the perform bitrates (different scenes). Brightness, Contrast, Saturation, Shutter Speed, D/N Sensitivity, B: G.711, AAC (24 kHz / 16 bit) *AAC (24 kHz / 16 bit) is only sup Yes 1280 x 960, 640 x 480, 320 x 240 1280 x 720, 640 x 360, 448 x 252 1280 x 1024, 640 x 512, 320 x 256 640 x 480, 320 x 240 640 x 360, 448 x 252 640 x 512, 320 x 256	Sharpness, Gamma, White acklight Compensation, WE ported by GV-System V8.5.	Balance, Flicker-less, Image Orientation, OR, Defog 6 or later			
Image Setting Audio Compression Two-way Audio /ideo Resolution Main Stream Sub Stream Network Interface Protocol	16:9 5:4 4:3 16:9	*The frame rate and the perform bitrates (different scenes). Brightness, Contrast, Saturation, Shutter Speed, D/N Sensitivity, Barrier Speed, D/N Sensitivity	Sharpness, Gamma, White acklight Compensation, WE ported by GV-System V8.5.	Balance, Flicker-less, Image Orientation, OR, Defog 6 or later			
Image Setting Audio Compression Two-way Audio /ideo Resolution Main Stream Sub Stream Network Interface Protocol Mechanical	16:9 5:4 4:3 16:9 5:4	*The frame rate and the perform bitrates (different scenes). Brightness, Contrast, Saturation, Shutter Speed, D/N Sensitivity, Barrier Speed, D/N Sensitivity	Sharpness, Gamma, White acklight Compensation, WE ported by GV-System V8.5.	Balance, Flicker-less, Image Orientation, OR, Defog 6 or later			
Image Setting Audio Compression Two-way Audio /ideo Resolution Main Stream Sub Stream Network Interface Protocol Mechanical	16:9 5:4 4:3 16:9 5:4	*The frame rate and the perform bitrates (different scenes). Brightness, Contrast, Saturation, Shutter Speed, D/N Sensitivity, B: G.711, AAC (24 kHz / 16 bit) *AAC (24 kHz / 16 bit) is only sup Yes 1280 x 960, 640 x 480, 320 x 240 1280 x 720, 640 x 360, 448 x 252 1280 x 1024, 640 x 512, 320 x 250 640 x 480, 320 x 240 640 x 360, 448 x 252 640 x 512, 320 x 256 10/100 Ethernet HTTP, HTTPS, TCP, UDP, SMTP, F1 (DSCP), ONVIF Yes 2-pin terminal block, PoE	Sharpness, Gamma, White acklight Compensation, WE ported by GV-System V8.5.	Balance, Flicker-less, Image Orientation, OR, Defog 6 or later			
Image Setting Audio Compression Two-way Audio /ideo Resolution Main Stream Sub Stream Network Interface Protocol Vechanical Temperature Detector	16:9 5:4 4:3 16:9 5:4	*The frame rate and the perform bitrates (different scenes). Brightness, Contrast, Saturation, Shutter Speed, D/N Sensitivity, Barrier Speed, D/N Sensitivity	Sharpness, Gamma, White acklight Compensation, WE ported by GV-System V8.5.	Balance, Flicker-less, Image Orientation, OR, Defog 6 or later			
Image Setting Audio Compression Two-way Audio /ideo Resolution Main Stream Sub Stream Network Interface Protocol Vechanical Temperature Detector	16:9 5:4 4:3 16:9 5:4 Power Ethernet Audio	*The frame rate and the perform bitrates (different scenes). Brightness, Contrast, Saturation, Shutter Speed, D/N Sensitivity, B: G.711, AAC (24 kHz / 16 bit) *AAC (24 kHz / 16 bit) is only sup Yes 1280 x 960, 640 x 480, 320 x 240 1280 x 720, 640 x 360, 448 x 252 1280 x 1024, 640 x 512, 320 x 256 640 x 480, 320 x 240 640 x 360, 448 x 252 640 x 512, 320 x 256 10/100 Ethernet HTTP, HTTPS, TCP, UDP, SMTP, FT (DSCP), ONVIF Yes 2-pin terminal block, PoE RJ-45 1 In (RCA female for microphone) 1 Out (RCA female for speaker)	Sharpness, Gamma, White acklight Compensation, WE ported by GV-System V8.5.	Balance, Flicker-less, Image Orientation, OR, Defog 6 or later			

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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 in		
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 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		
Arabic / Bulgarian / Czech / Danish / Dutch / English / Finnish / French / German / Greek Hungarian / Indonesian / Italian / Japanese / Lithuanian / Norwegian / Persian / Polish / F Romanian / Russian / Serbian / Simplified Chinese / Slovakian / Slovenian / Spanish / Swe 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		
MS Server support GV-Control Center, GV-Center V2, GV-VSM			

Note: Specifications are subject to change without prior notice.

Accessories

Name	De	tails
÷ [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 in
GV-PA191 PoE	Adapter	
Power Ada	nter Pr	ower adapters are available in 4 regions: U.S.A., Australia, U.K and Europe.

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