

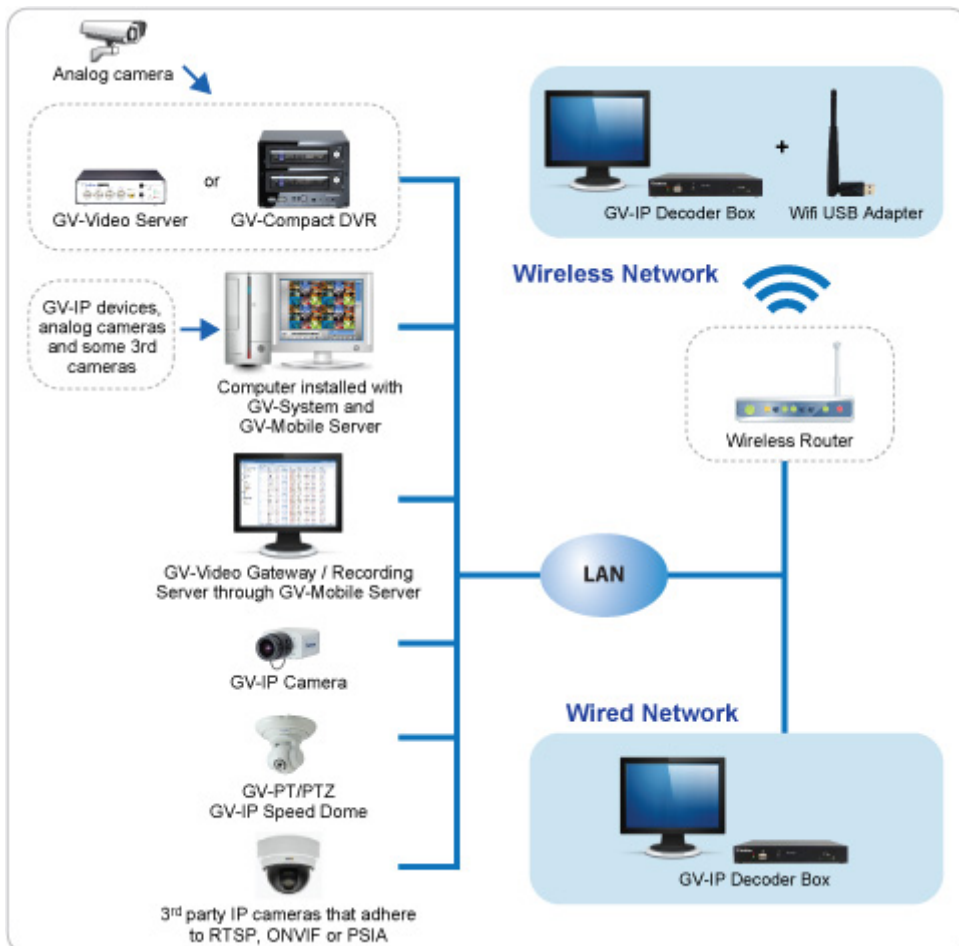
GV-IP Decoder Box



TV-Out solution for IP cameras (ONVIF, RTSP, PSIA)

Introduction

The GV-IP Decoder Box is designed to decode incoming IP streams from GeoVision and third-party IP devices, and to serve as a medium for connecting the cameras and the monitor for video display in Single View or Quad View. It supports the third-party IP cameras that adhere to RTSP, ONVIF or PSIA, and can automatically search for ONVIF supported third-party IP devices under the same LAN. To be used with only a monitor, the GV-IP Decoder Box provides a cost-effective solution for video surveillance as opposed to the traditional DVR and PC setup. The security administrator can monitor channels, take snapshots of critical moments, and pause at a channel when events occur, all through the supplied remote control. GV-Joystick can be installed to control GeoVision and third-party PT / PTZ / Speed Dome cameras.



Features

- Decode video streams in H.264 codec at a maximum frame rate of the IP device
- Decode up to 5 megapixel IP cameras
- Decode up to 64 IP streams
- Automatical search for ONVIF IP devices
- Support for third- party IP cameras that adhere to RTSP, ONVIF or PSIA
- Single View and Quad View in sequential display
- Support for display of Matrix view through GV-Mobile Server
- Support for 10/100 Ethernet over LAN
- Support for Wi-Fi
- VGA and HDMI Video outputs
- Video output resolution up to 1080p
- Support for GV-Joystick control of GeoVision and third-party PT, PTZ and Speed Dome cameras
- Support for remote firmware upgrade, IP address configuration and addition of new channel
- IR remote control
- SD/SDHC card and USB drive for snapshot storage and firmware upgrade

* No SD/SDHC card slot & local storage function for Argentina.

Compatible Devices

The GV-IP Decoder Box is compatible with:

1. Most GeoVision IP devices (of the indicated firmware versions) using H.264 codec
2. Third-party IP devices that support H.264 and adhere to RTSP, ONVIF or PSIA.

Supported GeoVision IP Devices		
Device Type	Models	Firmware Versions
Fisheye Camera	GV-FE420/421/520/521, GV-FER521	V2.02 or later
	GV-FE2301/4301	V2.03 or later
Box Camera	All models	V2.01 or later
Ultra Box Camera	GV-UBX1301/2301/3301	V2.05 or later
Arctic Box Camera	GV-BX120D-E/220D-E/320D-E/520D-E	V2.01 or later
Bullet Camera	GV-BL120D/130D/220D/320D	V2.01 or later
	GV-BL1200/1300/2400/3400	V2.05 or later
Bullet Motorized Camera	GV-BL1210/2410/3410/5310	V2.05 or later
Ultra Bullet Camera	All models	V2.05 or later
Cube Camera	GV-CB120/220, CBW120/220	V2.01 or later
Advanced Cube Camera	GV-CA120/220, CAW120/220	V2.01 or later
Fixed Dome	GV-FD120D/220D/320D	V2.01 or later
Vandal Proof IP Dome	GV-VD120D/220D/320D	V2.01 or later
Mini Fixed Dome	GV-MFD120/130/220/320/520	V2.01 or later
Mini Fixed Rugged Dome	GV-MDR120D/220D/320D/520D	V2.01 or later
PT Camera	GV-PT110D	V1.08 or later
PTZ Camera	GV-PTZ010D	
IP Speed Dome	GV-SD010 / SD010-S	V1.02 or later
	GV-SD200 / SD200-S	V1.03 or later
	GV-SD220 / SD220-S	V1.0 or later
Camera Reader	GV-CR420	V1.01 or later
	GV-VS11	V1.02 or later
Video Server	GV-VS12	V1.06 or later
	GV-VS14	V1.0 or later
Compact DVR	4-CH GV-Compact DVR V3	V1.03 or later
	8-CH GV-Compact DVR V3	V1.01 or later

IMPORTANT: The connected GeoVision and third-party channels must be set with H.264 codec to be compatible.

To decode and display **non-H.264** IP channels or **analog** channels, connect the devices to GV-System and access them through GV-Mobile Server. The supported devices are listed below.

Supported Devices Connected to GV-System

Analog cameras

All models of GeoVision IP cameras, GV-Video Server, GV-Compact DVR, GV-IP Speed Dome, GV-Smart Box and GV-DSP LPR

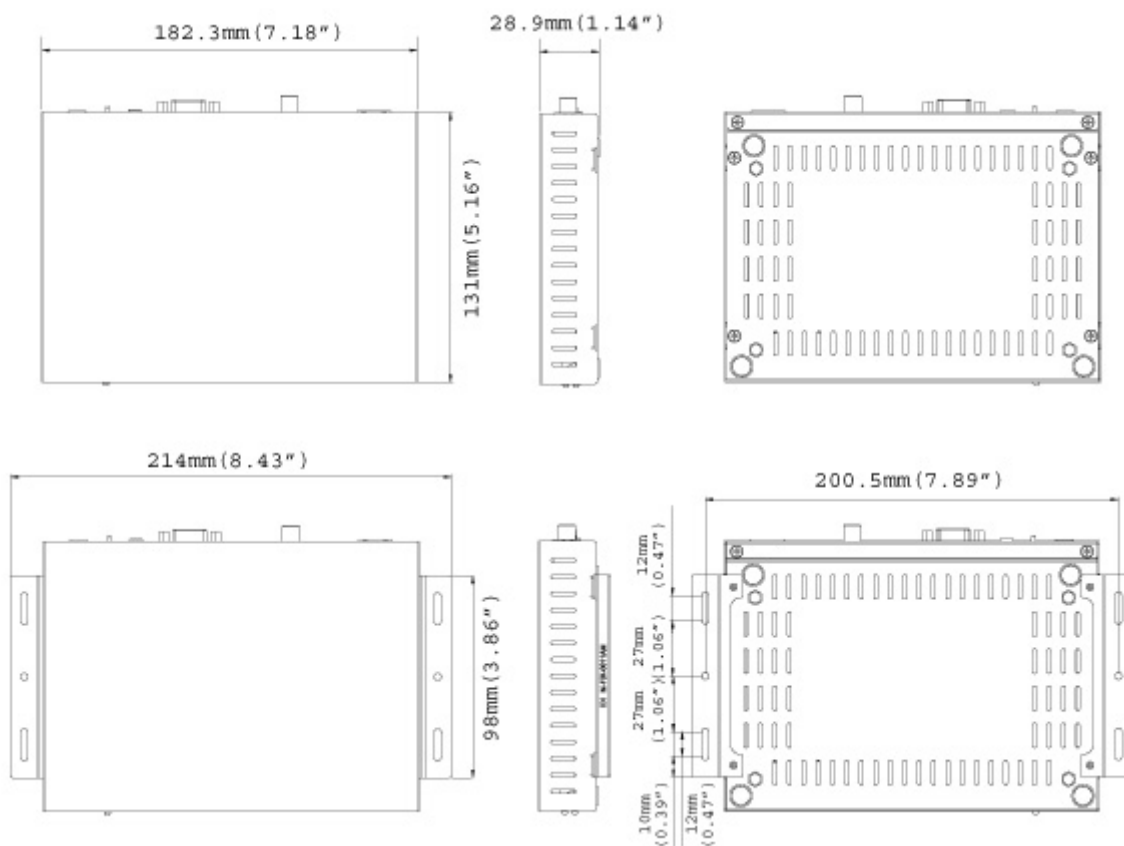
23 brands of third-party IP cameras and 3 protocols (ONVIF, PSIA and RTSP). For detail, see http://www.geovision.com.tw/english/4_21.asp

SPECIFICATIONS

Video		
Video Codec	H.264	
Video Output at 60 Hz	HDMI	VGA
	480p	640 x 480
	720p	1024 x 768
	1080i	1280 x 768
	1080p	1366 x 768
Network		
Interface	10/100 Ethernet	
Protocol	TCP, RTSP, ONVIF, PSIA	
Mechanical		
IR Remote Control	Yes	
Connectors	Power	12V DC Jack
	Ethernet	RJ-45
	Monitor Output	HDMI, VGA
	Local Storage & Firmware	USB slot (2.0 backward compatible, FAT32 format)
	Upgrade	SD/SDHC card slot (for Class 6 or above, FAT32 format)
General		
Operating Temperature	0 °C ~ 40 °C (32 °F ~ 104 °F)	
Operating Humidity	20 % ~ 80 %	
Dimensions (W x H x D)	182.3 × 28.9 × 131 mm (7.18" × 1.14" × 5.16")	
Net Weight	615 g (1.36 lb)	
Power	DC 12 V	
Power Consumption	36 W (max. 3 A at 12V DC)	
Regulatory	CE, FCC compliant	
Language	English	

Note: Specifications are subject to change without notice.

Dimensions



Mounts

Front View







Rear View



IR Remote Control



Accessories

Name	Details
 <p>Wall Mount Kit</p>	<p>Use the Wall Mount Kit to install your GV-IP Decoder Box on wall.</p>
 <p>VESA Monitor Mount Kit</p>	<p>Use the VESA Monitor Mount kit to install your GV-IP Decoder Box on the back of a VESA monitor.</p>
 <p>GV-Joystick</p>	<p>The GV-Joystick facilitates focusing, zooming, panning, tilting of GeoVision and third-party PT, PTZ and Speed Dome cameras on GV-IP Decoder Box.</p>
 <p>GV-WiFi USB</p>	<p>The GV-WiFi USB adapter is a plug-and-play device that provides wireless connectivity to GeoVision IP devices. The GV-WiFi USB Adapter complies with IEEE802.11 b/g/n (Draft 3.0) standards for wireless networking.</p>

Packing List

- GV-IP Decoder Box × 1
- IR remote control × 1
- AC/DC adapter × 1 (12 V, 3 A, 36 W)
- Power cord × 1
- GV-IP Decoder Box and GV-Pad Software DVD × 1
- SD Card × 1