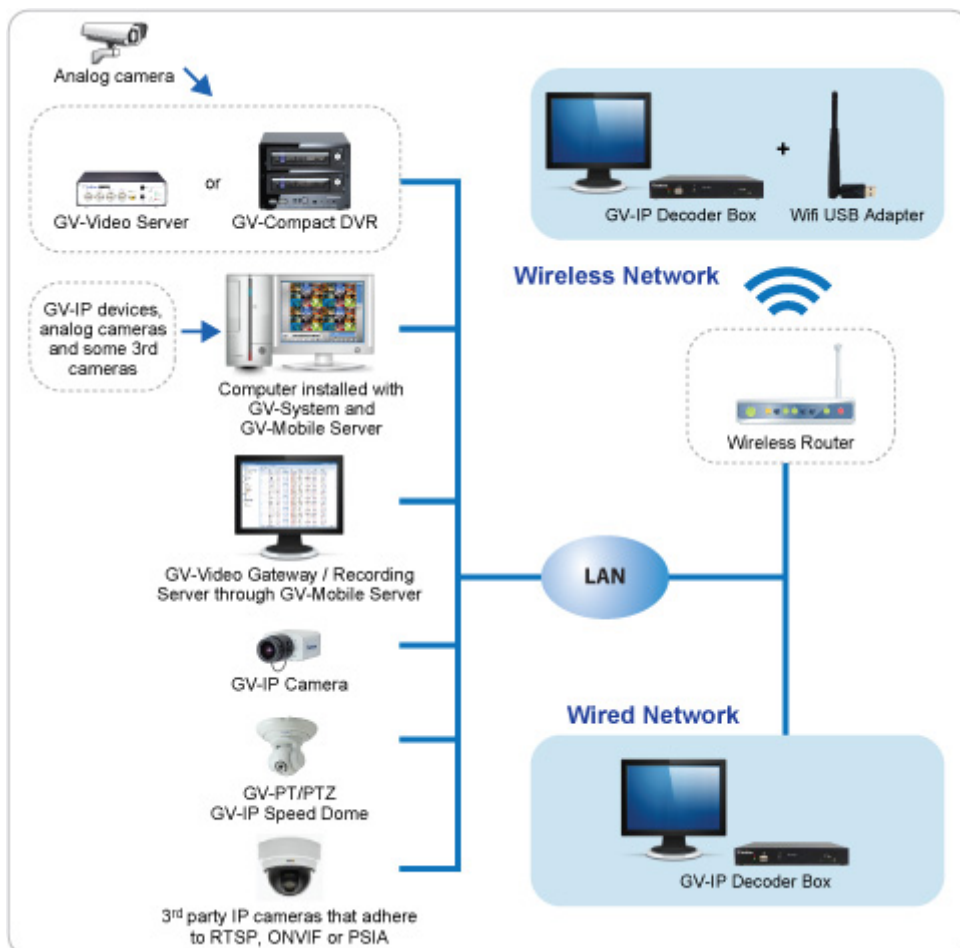# GV-IP Decoder Box

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.

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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. GV-IP Camera, GV-Video Server and GV-Compact DVR using H.264 codec
2. Third-party IP devices that support H.264 and adhere to RTSP, ONVIF or PSIA
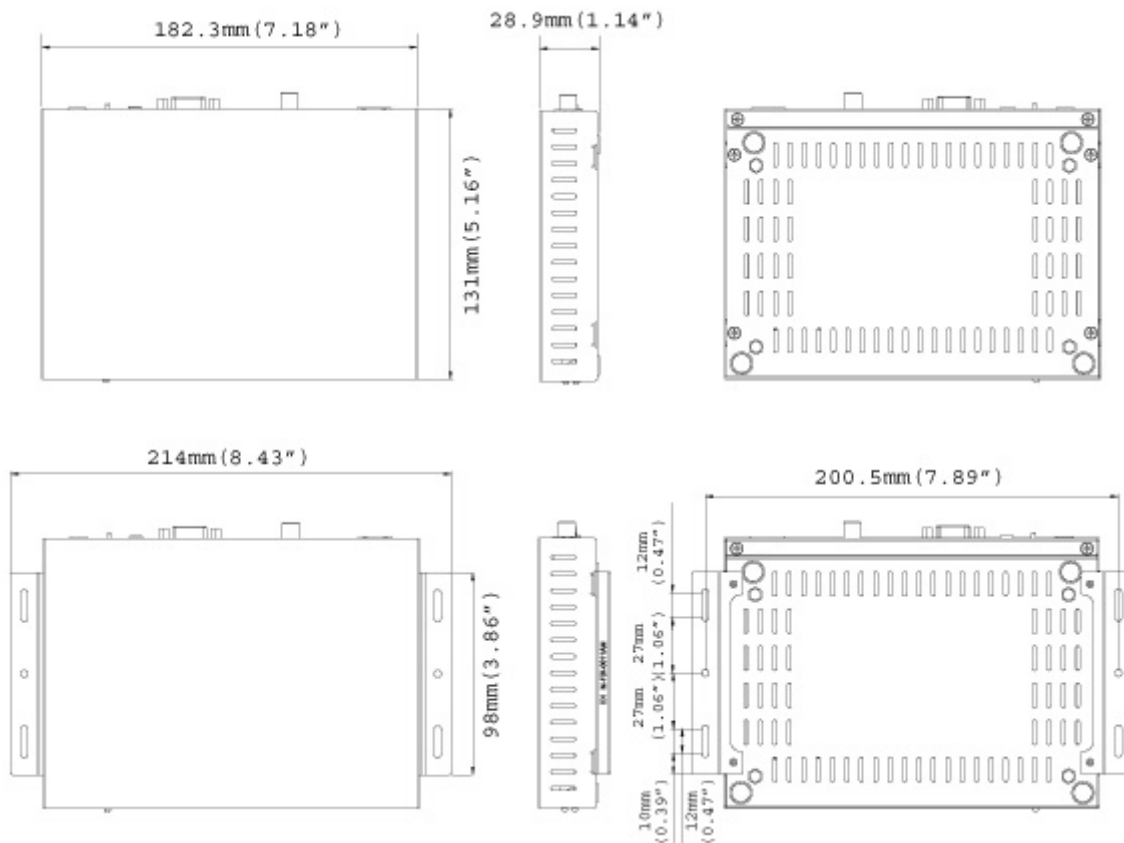3. GV-Mobile Server

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.

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	-

Network	
Interface	10/100 Ethernet
Protocol	TCP, RTSP, ONVIF, PSIA

Mechanical		
IR Remote Control		Yes
Connectors	Power Adapter	12V / 3A DC Jack (Max. 36 W)
	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 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
  Wall Mount Kit	Use the Wall Mount Kit to install your GV-IP Decoder Box on wall.
  VESA Monitor Mount Kit	Use the VESA Monitor Mount kit to install your GV-IP Decoder Box on the back of a VESA monitor.
  GV-Joystick	The GV-Joystick facilitates focusing, zooming, panning, tilting of GeoVision and third-party PT, PTZ and Speed Dome cameras on GV-IP Decoder Box.
  GV-WiFi USB	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.

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