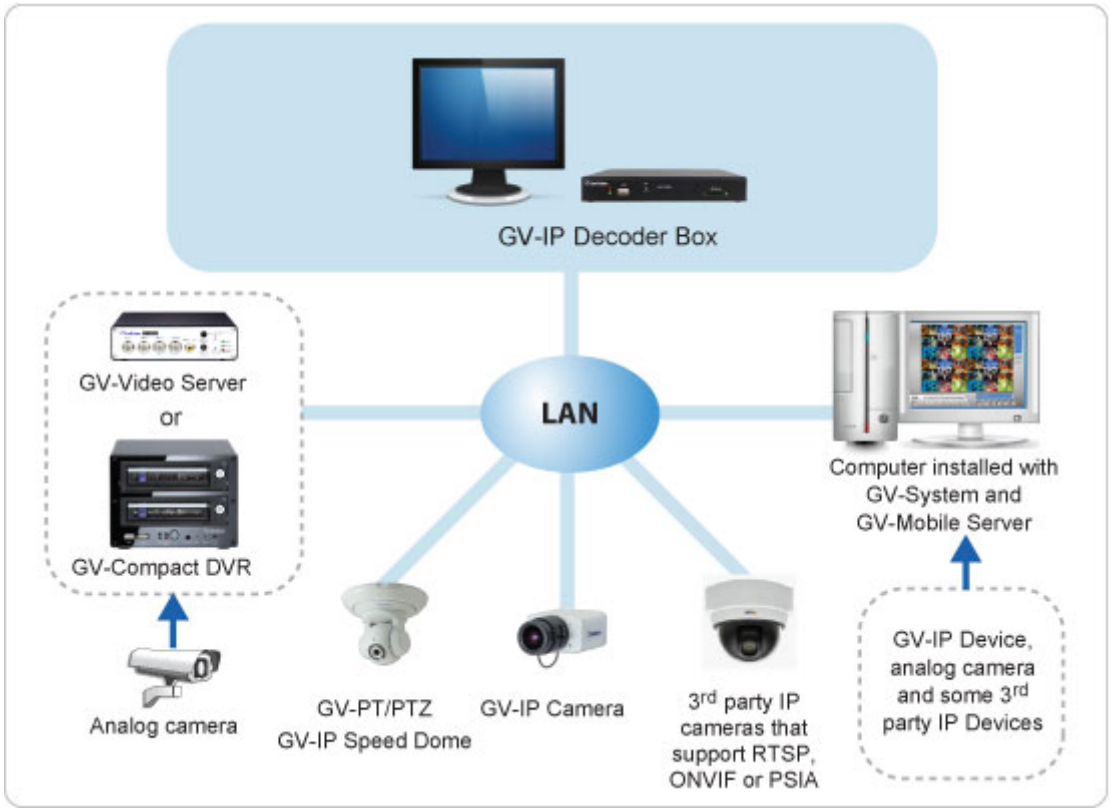
GV-IP Decoder Box

Introduction

The GV-IP Decoder Box is designed to decode incoming IP streams from GeoVision and third-party IP devices, and displaying them on a digital or an analog monitor. 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. Connected GeoVision PTZ cameras such as GV-PTZ010D, GV-PT110D and GV-IP Speed Dome can also be controlled through GV-Joystick.



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
- Support for 3rd party IP cameras that adhere to RTSP, ONVIF or PSIA
- Support for 10/100 Ethernet over LAN
- Support for single and sequential display
- VGA and High Definition Video outputs
- Video output resolution up to 1080p
- Support for GV-Joystick control of GV PTZ cameras (GV-PTZ010D and GV-PT110D) and GV-IP Speed Dome
- Support for remote firmware upgrade, IP address configuration and addition of new channel
- Display of Matrix view through GV-Mobile Server
- IR remote control
- SD 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, and
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
Box Camera	GV-BX110D	V1.08 or later
	All models (except GV-BX110D)	V1.06 or later
Bullet Camera	GV-BL110D	V1.08 or later
	All models (except GV-BL110D)	V1.06 or later
Cube Camera Fixed Dome Vandal Proof IP Dome	All models	V1.06 or later
Mini Fixed Dome	GV-MFD110	V1.08 or later
	All models (except GV-MFD110)	V1.06 or later
PT Camera PTZ Camera	GV-PT110D GV-PTZ010D	V1.08 or later
Speed Dome	All models	V1.02 or later
Video Server	GV-VS04H	V1.04 or later
Video Server	GV-VS11	V1.0 or later
Video Server	GV-VS12	V1.05 or later
Compact DVR	GV-Compact DVR V3 series only	V1.0 or later

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
11 brands of third-party IP cameras. For detail, see http://www.geovision.com.tw/english/4_21.asp

SPECIFICATIONS

Video			
Video Codec		H.264	
Video Output at 60 Hz		High Definition	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	High Definition, VGA	
	Local Storage & Firmware	USB slot (2.0 backward compatible, FAT32 format)	
	Upgrade	SD 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)		182.5 × 29 × 141.5 mm / 7.19 × 1.14 × 5.58 in	
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	

Note: Specifications are subject to change without notice.

Overview

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	Connected to GV-IP Decoder Box / GV-Pad to control GV PTZ cameras including GV-PT110D, GV-PTZ010D and GV-IP Speed Dome.