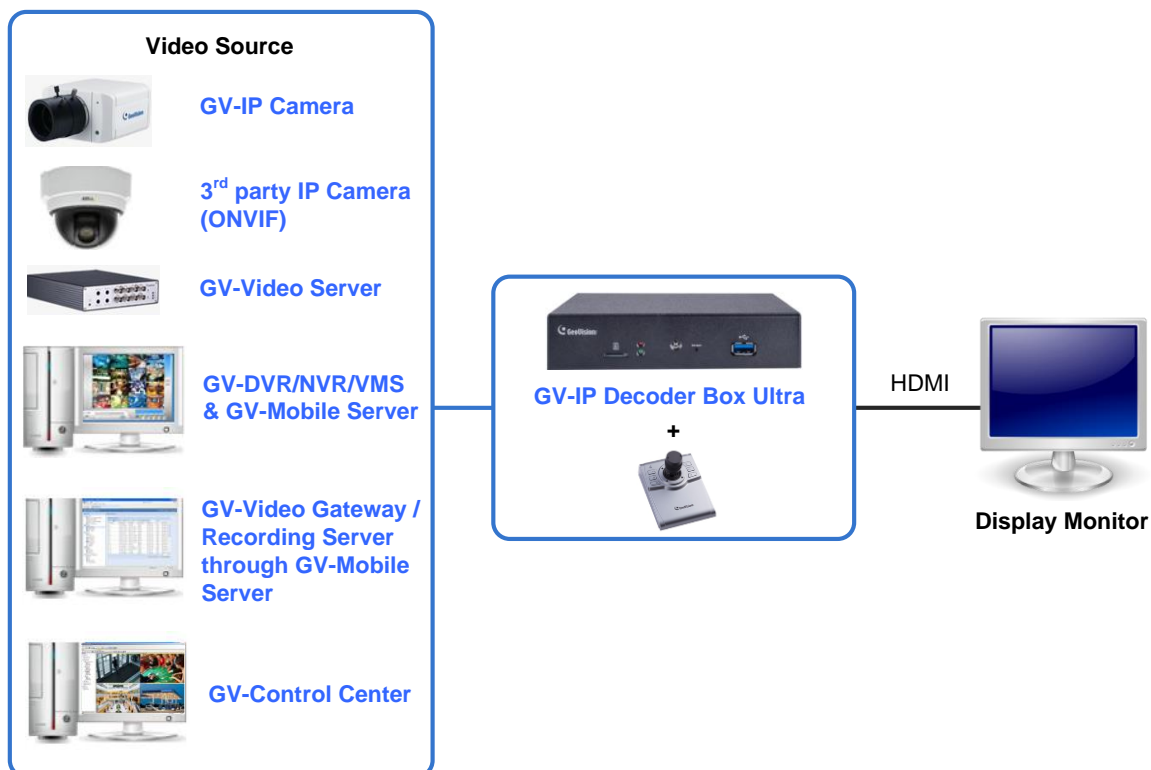# GV-IP Decoder Box Ultra

TV-Out Solution for IP cameras (ONVIF, RTSP)

Introduction

GV-IP Decoder Box Ultra is designed to decode and display up to 64 IP videos in Single, 4-Division, 6-Division, 8-Division, and 9-Division View. It supports third-party IP cameras that adhere to RTSP or ONVIF, and can automatically search for any ONVIF-compliant under the same LAN. To be used with a single monitor, the GV-IP Decoder Box Ultra 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 a channel when events occur. GV-Joystick V2 can be installed to control any PTZ / Speed Dome cameras connected onto the GV-IP Decoder Box Ultra.

Note: GV-VMS V18.1, GV-Control Center V3.8.0 and later Versions support **GV-IP Decoder Box Ultra** to be assigned with the desired camera channels of GV-VMS and GV-Control Center for remote display.

Features

- Decode video streams in H.264 / H.265 codec up to 30 fps
- Decode up to 8-megapixel IP cameras
- Decode up to 64 IP streams
- Automatically search for ONVIF IP devices
- Support for third-party IP cameras that adhere to RTSP or ONVIF
- Support for Single, 4-Divsion, 6-Division, 8-Division, and 9-Division View
- Display of Matrix view through GV-Mobile Server
- Support for 10/100 Ethernet over LAN
- DC 12V / PoE (IEEE 802.3af)
- HDMI video output resolutions up to 4K
- Control the user interface using GV-IR Remote Control
- Control PTZ and Speed Dome cameras using GV-Joystick V2
- Remote firmware upgrade, IP address configuration, and addition of new channel
- Micro SD card and USB drive for snapshot storage and firmware upgrade

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

Compatible Devices

GV-IP Decoder Box Ultra is compatible with:

1. GV-IP Camera and GV-Video Server using H.264 / H.265 codec
2. Third-party IP devices supporting H.264 / H.265 and adhering to RTSP or ONVIF
3. GV-Mobile Server

To decode and display **non-H.264** / **H.265** IP channels, **analog** channels or **GV-FER12203 / 12700**, connect the devices to GV-DVR / NVR and access them through GV-Mobile Server.
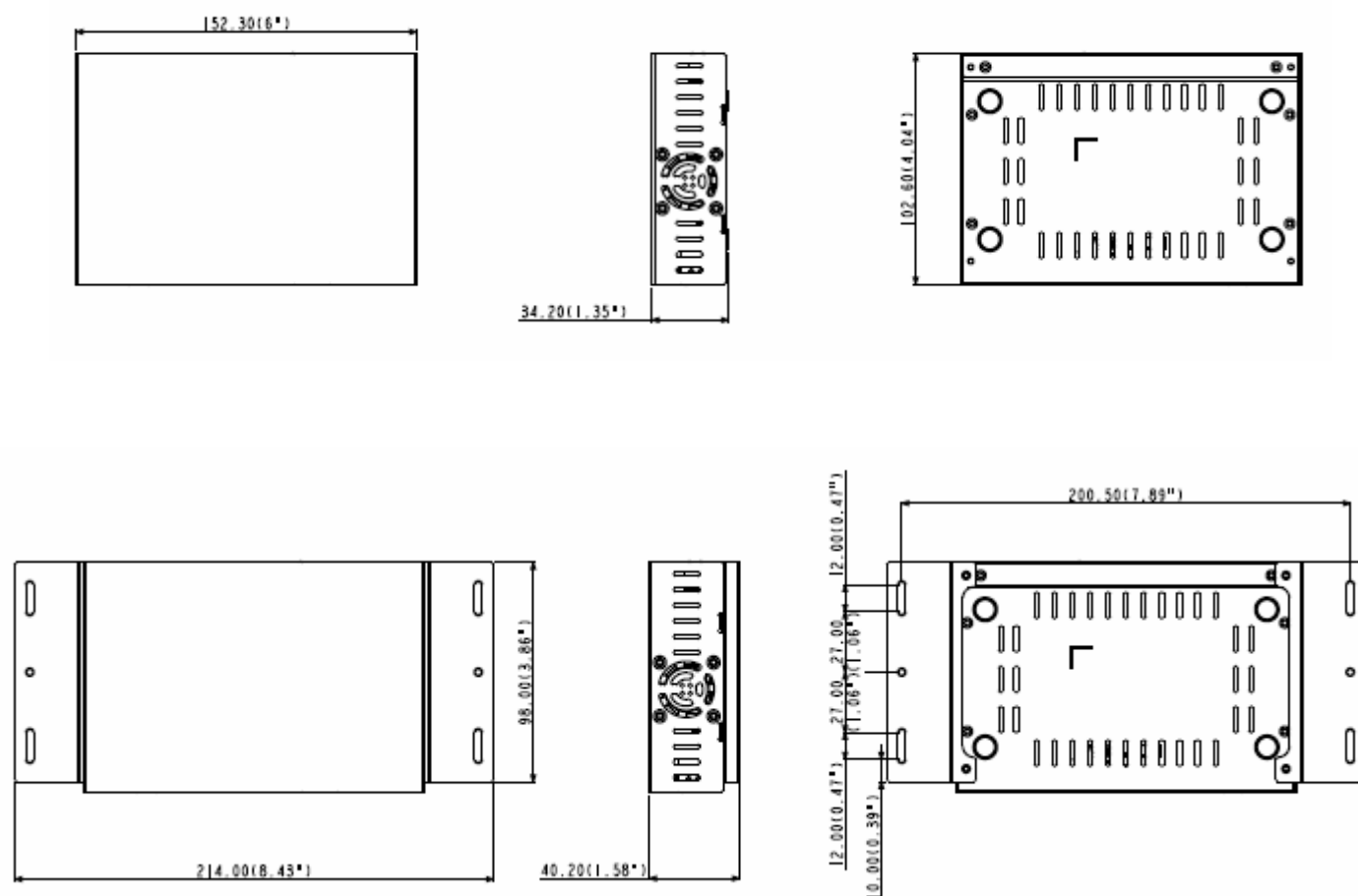
Specifications

Video		
Video Codec		H.264, H.265
Audio Codec		G.711
Maximum Resolution	1-ch Division	3840 x 2160
	4-ch Division (Quad View)	Grid 1: 2560 x 1920; Other 3 grids: 1920 x 1080
	6-ch Division	1280 x 720
	8-ch Division	1280 x 720
	9-ch Division	1280 x 720
Video Output at 60 Hz	HDMI	720p / 1080p / 4K

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

Mechanical		
Connectors	Power Adapter	12V DC Jack
	Ethernet	RJ-45
	Monitor Output	HDMI
	Memory Card	Micro SD/SDHC card slot (for Class 4 or above, FAT32 and NTFS formats)
	USB 3.0	USB slot (3.0 backward compatible, FAT32 and NTFS formats)
	USB 2.0	USB slot x 2 (2.0 backward compatible, FAT32 format)

General	
Operating Temperature	0°C ~ 40°C (32°F ~ 104°F)
Operating Humidity	20% ~ 80% (with no condensation)
Weather Resistance	Indoor use only
Dimensions (W x H x D)	152 x 34 x 102 mm (6" x 1.35" x 4.04")
Net Weight	500 g (1.10 lb)

Power	DC 12V / PoE (IEEE 802.3af)
Power Consumption	36 W (max. 3 A at 12V DC)
Regulatory	CE, FCC, LVD, RCM compliant
Language	English, French, German, Italian, Japanese, Polish, Portuguese, Russian, Spanish, Traditional Chinese

Note: Specifications are subject to change without notice.

Dimensions

GV-IP Decoder Box Ultra   *December 1, 2022*

Overview

Front View

Rear View

Accessories

Name		Details
GV-Joystick V2		GV-Joystick V2 facilitates focusing, zooming, panning, tilting of GeoVision and third-party PT, PTZ and Speed Dome cameras connected on GV-IP Decoder Box Ultra.
GV-POE Switch		GV-POE Switch is designed to provide power along with network connection for IP devices. The GV-POE Switch is available in various models with different numbers and types of ports.
HDMI Cable		Use the HDMI cable to connect GV-IP Decoder Box Ultra with a HDMI monitor for high-quality display of images. Length: 150 cm (4.92 ft) Version: 1.4a
Power Adapter		Contact our sales representatives for the countries and areas supported.
Wall Mount Kit		Use the Wall Mount Kit to install your GV-IP Decoder Box Ultra on wall.

Packing List

- GV-IP Decoder Box Ultra
- GV-IR Remote Control
- Download Guide
- Warranty Card