

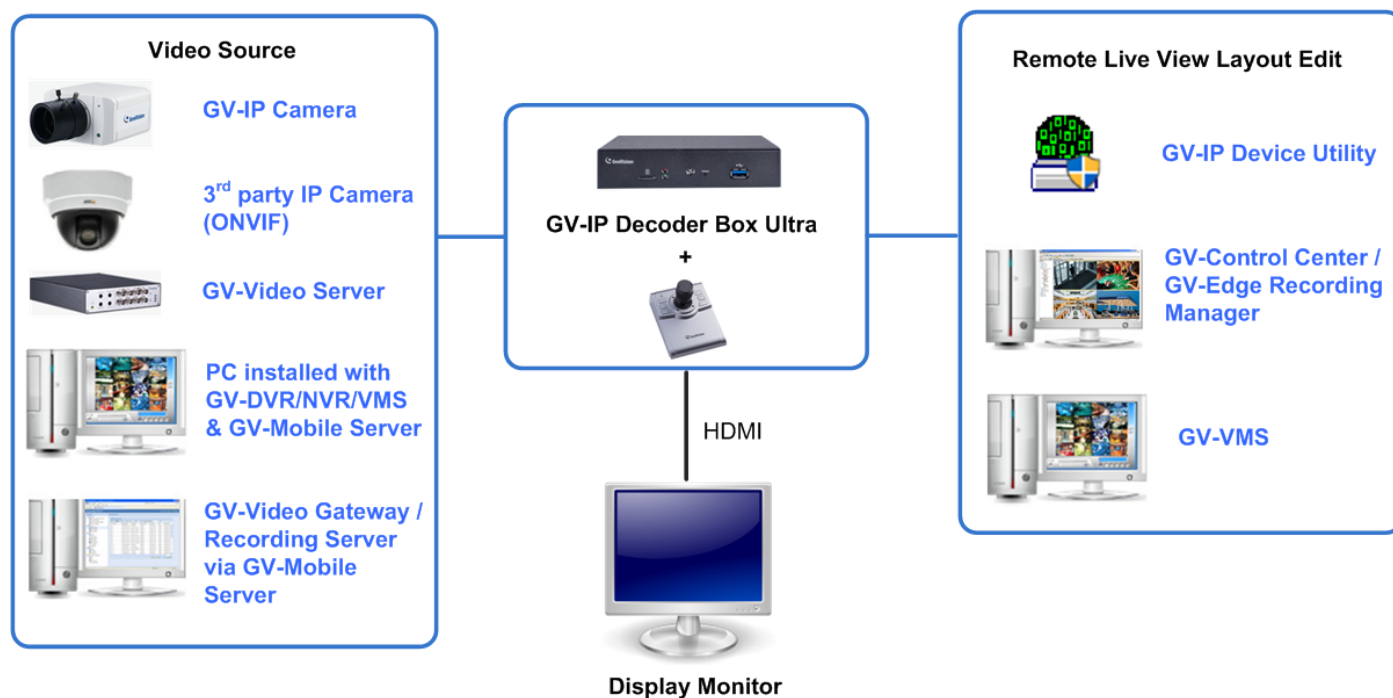
GV-IP Decoder Box Ultra



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

Introduction

GV-IP Decoder Box Ultra can decode and loop up to 64 IP video streams in single, 4-, 6-, 8-, and 9-division views. It supports third-party IP cameras via RTSP or ONVIF and can automatically detect ONVIF-compliant cameras on the same LAN. As a cost-effective alternative to traditional DVRs and PC-based video surveillance systems, it allows administrators to monitor channels, capture snapshots of critical events, and pause channels when needed. GV-Joystick V2 can also be connected for PTZ or Speed Dome camera control.



Features

- H.264 / H.265 video stream decoding at up to 30 fps
- Video decoding support for resolution up to 8 MP
- Decoding of up to 64 IP streams per live view grid with looping display
- Auto-search for ONVIF-compliant IP devices
- Third-party IP camera support via RTSP ONVIF
- Single, 4-division, 6-division, 8-division, and 9-division views
- Matrix view display through GV-Mobile Server
- 10/100 Ethernet over LAN
- DC 12V / PoE (IEEE 802.3af)
- HDMI output with resolutions up to 4K
- User interface control via GV-IR Remote Control
- PTZ and Speed Dome camera control via GV-Joystick V2
- Remote firmware upgrade, IP address configuration, and addition of new channel
- Micro SD card and USB drive support for snapshot storage and firmware upgrade
- Remote camera and layout assignment from GV-Control Center, GV-Edge Recording Manager, or GV-VMS
- Support for 10 languages

Specifications

Video		
Video Codec		H.264, H.265
Audio Codec		G.711
Maximum Resolution ⁽²⁾	1-ch Division	3840 x 2160: up to 30 fps, 30 fps in total (1 CH max.)
	4-ch Division (Quad View)	Grid 1: 2560 x 1920; Other 3 grids: 1920 x 1080 Up to 30 fps, 120 fps in total (4 CH max.)
	6-ch Division	1280 x 720: up to 30 fps, 180 fps in total (6 CH max.)
	8-ch Division	1280 x 720: up to 30 fps, 240 fps in total (8 CH max.)
	9-ch Division	1280 x 720: up to 30 fps, 270 fps in total (9 CH max.)
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 ⁽¹⁾		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
Applications	
Software Supported ⁽³⁾	GV-Control Center (V3.8.0 / V4.2.0 or later), GV-Edge Recording Manager (Windows Version, V2.2.8 or later), GV-VMS (V17.4.0 / V18.1.0 / V20.0 or later)

Note:

- The device can only accept one power source, either a PoE power supply or a DC power adapter. Connecting two power sources simultaneously can damage the device.
- To ensure a smooth operation, the bitrate of each channel should be below 6 Mbps.
- Up to 64 cameras can be displayed sequentially on each live view grid when GV-IP Decoder Box Ultra is connected to GV-Control Center, GV-Edge Recording Manager, or GV-VMS.
- Specifications are subject to change without notice.

Compatible Devices

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

To decode and display non-H.264 / H.265 IP cameras or GV-FER12203 / 12700, connect the cameras to GV-NVR / VMS and access them through GV-Mobile Server.

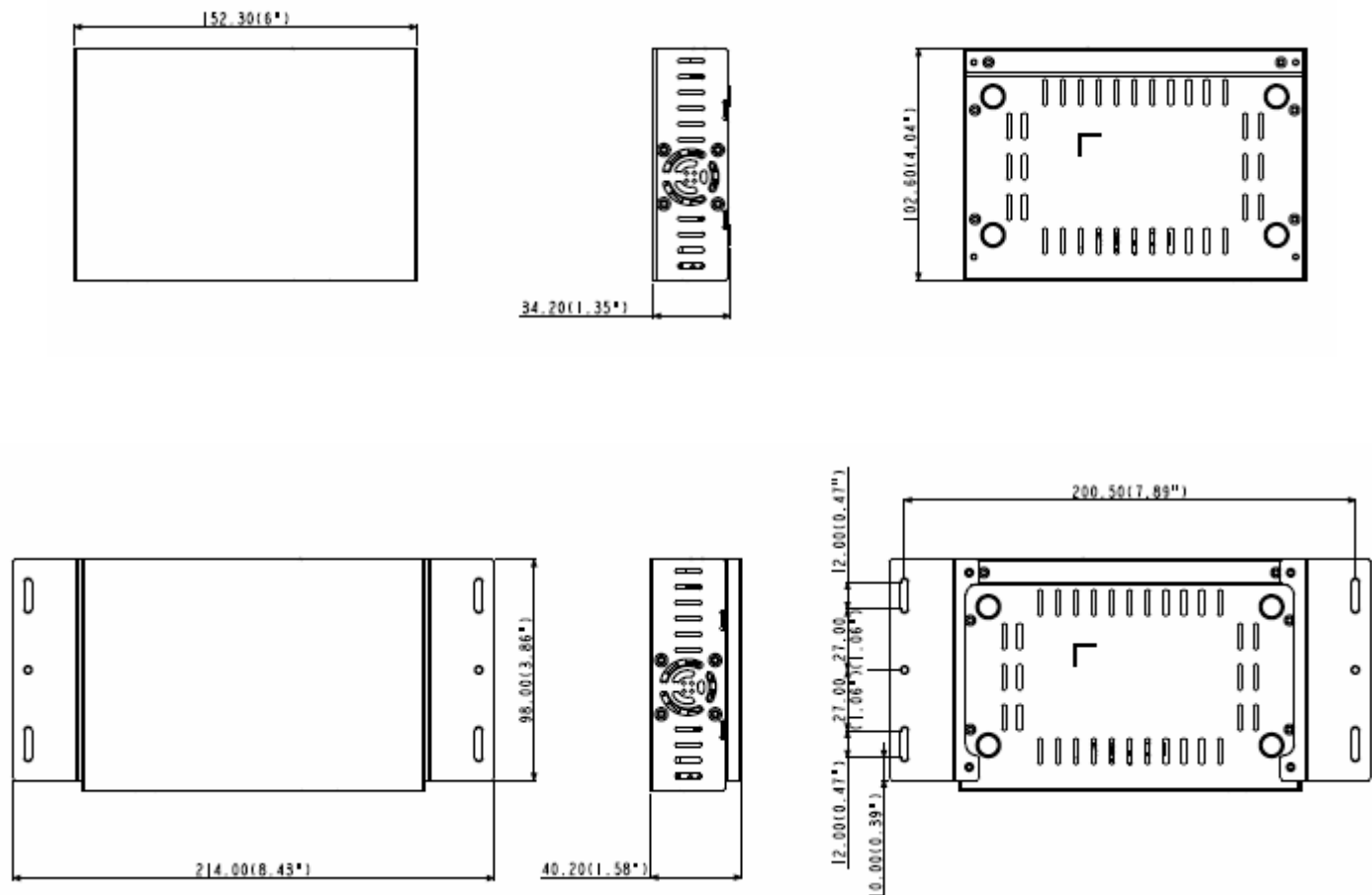
Accessories

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 to 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

Dimensions



Overview

