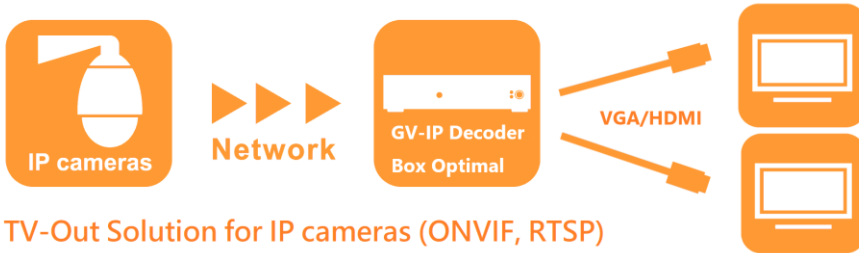


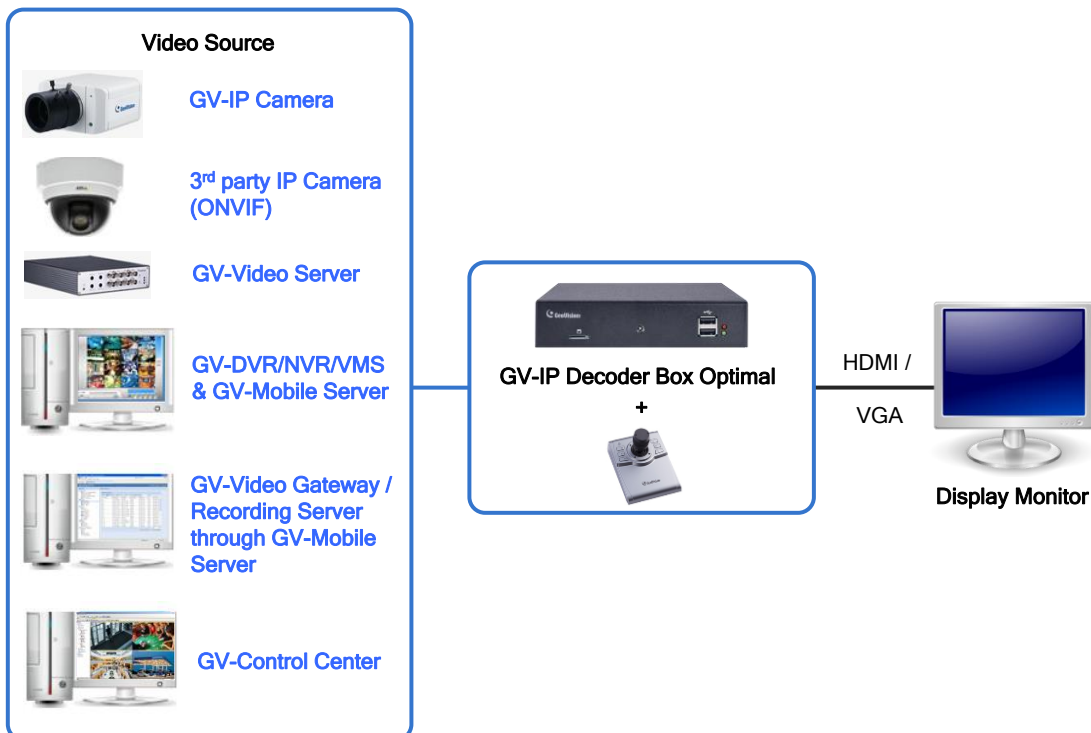
GV-IP Decoder Box Optimal



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

Introduction

GV-IP Decoder Box Optimal 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. With HDMI/VGA output ports, dual monitor display is made accessible, allowing the cameras' live view to rotate on the extended screen for a more effective surveillance environment. 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 Optimal.



Note: GV-VMS V17.4.5B / 18.3.1, GV-Control Center V4.1.1 and later versions support **GV-IP Decoder Box Optimal** 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-Division, 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)
- Dual monitor display for HDMI / VGA output
- 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

Compatible Devices

GV-IP Decoder Box Optimal 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.

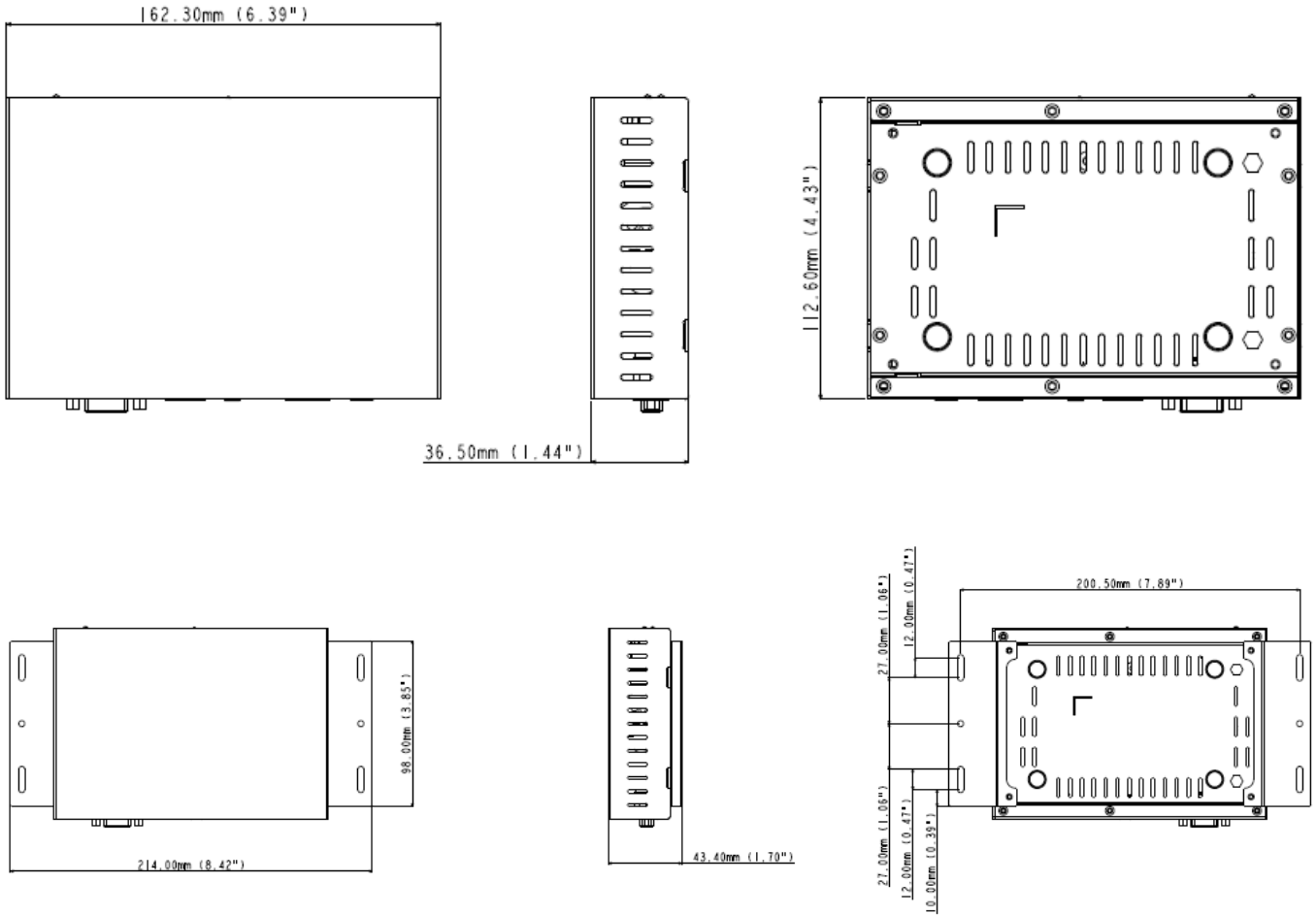
Specifications

| 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 | HDMI | 3840 x 2160 / 1920 x 1080 |
| | VGA | 1920 x 1080 |
| Network | | |
| Interface | 10/100 Ethernet | |
| Protocol | ONVIF, RTSP, TCP | |
| Mechanical | | |
| Connectors | Power Adapter | 12V DC Jack |
| | Ethernet | RJ-45 |
| | Monitor Output | HDMI / VGA |
| | Memory Card | Micro SD/SDHC card slot (for Class 4 or above, 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) | 162.3 x 112.6 x 36.5 mm (6.4" x 4.4" x 1.4") | |
| Net Weight | 558 g (1.23 lb) | |
| Power | DC 12V / PoE (IEEE 802.3af) | |
| Power Consumption | 36 W (max. 3 A at 12V DC) | |

| | |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| Certification | CE, FCC, RCM, LVD, UKCA compliant |
| Language | English / French / German / Italian / Japanese / Polish / Portuguese / Russian / Spanish / Traditional Chinese |
| Applications | |
| Software Supported | GV-VMS (V17.4.5B / V18.3.1 or later), GV-Edge Recording Manager (Windows Version, V2.2.8, coming soon), GV-Control Center (V4.1.1 or later) |

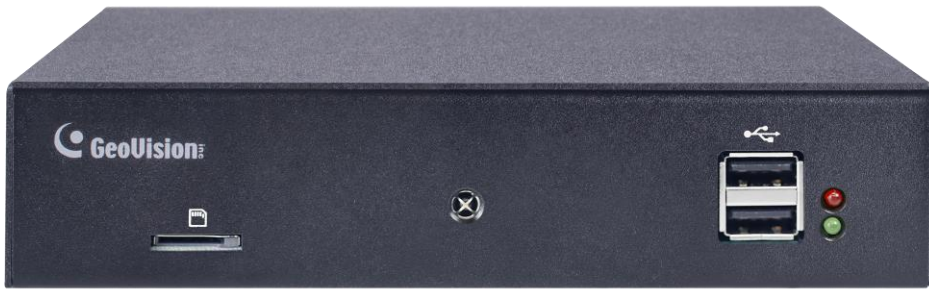
Note: Specifications are subject to change without notice.

Dimensions



Overview




Front View



Rear View



Accessories

| Name | Details |
|-----------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>GV-Joystick V2</p>  | <p>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 Optimal.</p> |
| <p>GV-POE Switch</p> | <p>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.</p> |
| <p>HDMI Cable</p>  | <p>Use the HDMI cable to connect GV-IP Decoder Box Optimal with a HDMI monitor for high-quality display of images. Length: 150 cm (4.92 ft) Version: 1.4a</p> |
| <p>Power Adapter</p> | <p>Contact our sales representatives for the countries and areas supported.</p> |
| <p>Wall Mount Kit</p>  | <p>Use the Wall Mount Kit to install your GV-IP Decoder Box Optimal on wall.</p> |

Packing List

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