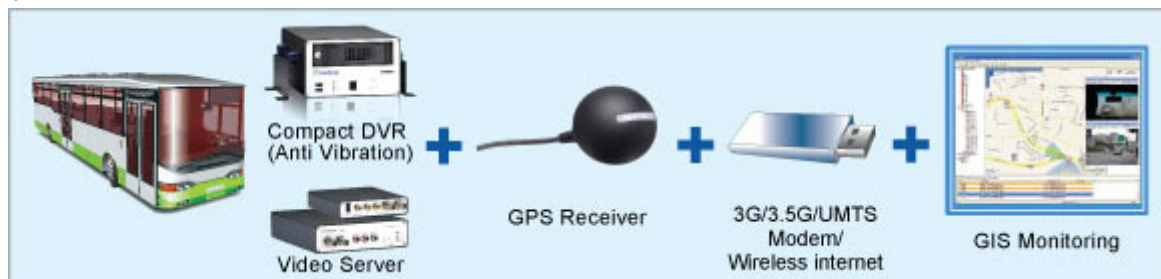


GV-H.264 Video Server (GV-VS12)



- H.264, MPEG4, MJPEG
- 2-Channel full D1 real-time video / audio
- Compact size
- PoE / 12V DC
- Tampering Alarm
- USB storage recording
- GPS support
- UMTS/ 3G / 3.5G support
- Over 40 branded speed dome protocols available
- Full intergration with GeoVision series solutions

GV-VS12 is a powerful H.264 Video Server with compact size and supports multiple applications. It supports PoE, and 2-channel full D1 real-time video and audio encoding, fully integrated with GV-NVR to form the most powerful IP surveillance solution. It also supports over 40 branded speed dome protocols to fulfill various project demands. It can record video to a local USB storage, forming the smallest video recorder. With GPS and UMTS/3G/3.5G support, it provides GIS solution integrated with GV-GIS. It can also active Tampering Alarm alerts when a tampering event happens to prevent crime events.



SPECIFICATIONS

| Video | | |
|---------------------------------------|--|---|
| Video Standard | NTSC, PAL | |
| Video Input | 2 channels | |
| Compression | H.264, MPEG4, MJPEG | |
| Frame Rate (at Full D1 resolution) | NTSC | 30 fps per channel; 60 fps in total |
| | PAL | 25 fps per channel; 50 fps in total |
| Resolution | Full D1, Half D1, CIF, QCIF | |
| Video Streaming | Configurable frame rate and bandwidth, Constant and variable bitrate, | |
| Video Adjustment | Brightness, Contrast, Hue, Saturation, Image Quality, Image Size, Bitrate, GOP (Group of Picture) size | |
| Audio | | |
| Audio Input | 2 channels | |
| Compression | G.711 | |
| Management | | |
| Event Management | Trigger | Schedule, Sensor Input, Motion Detection |
| | Action | Store Video (AVI format), Email with captured images, Captured images uploaded over FTP, Monitoring by Center V2, VSM and GV-GIS, Relay outputs to control external devices |
| Firmware Upgrade | Remote upgrade by HTTP, Firmware upgrade utility included in the Software DVD | |
| Storage | Mass storage through USB (optional) | |
| Client PC Requirements | Microsoft IE 6.x or above running on Windows 2000/XP/2003/Vista | |
| Security | IP address filtering | |

| Network | | |
|------------------------|---|---------------------------|
| Interface | 10/100 Base-T Ethernet, 802.11b/g Wireless LAN (optional) | |
| Protocol | HTTP, TCP, UDP, SMTP, FTP, DHCP, NTP, UPnP, DynDNS | |
| Connector | | |
| Video Input | BNC 2 ports | |
| Audio Input | RCA 2 ports | |
| Audio Output | RCA 1 port | |
| Terminal Block | RS-232 interface for GPS | |
| RJ-45 Connector | 2 digital inputs, 2 relay outputs, RS±485 | |
| Ethernet | RJ-45, 10/100 Mbps | |
| USB 2.0 | 2 ports | |
| Power | Power Jack | 1 DC-In power jack |
| | Input | 100-240V, 1.2A, 50-60 mHz |
| | Output | 12V, 3A, (60W Max.) |
| Power over Ethernet | | |
| PoE Standard | IEEE 802.3af Power over Ethernet / PSE | |
| PoE Power Supply Type | End-Span | |
| PoE Power Output | Per Port 48V DC, 350mA. Max. 15.4 watts | |
| Alarm | | |
| Sensor Input | 2 inputs | |
| Alarm Output | 2 outputs | |
| Environment | | |
| Operation Temp. | -20 ~ 55 °C / -4 ~ 131 °F | |
| Humidity | 0 ~ 85% RH (non-condensing) | |
| Physical | | |
| Dimensions (L x W x H) | 123 x 106 x 25 mm / 4.84 x 4.17 x 0.98 in | |
| Weight | 0.345 kg / 0.76 lb (Net) | |

Note: * Product design and specifications are subject to change without notice.

- * The maximum number of connections to the GV-Video Server is 20. When one GV-System connects to one GV-Video Sever, it takes up to 4 connections. When users connect to one GV-Video Server through browser, it takes up to 2 connections. When users operate the Camera/Audio Control on Center V2, it takes 1 connection.

Options

Optional devices can expand your GV-Video Server's capabilities and versatility. Contact your dealer for more information.

| | |
|-------------------|--|
| GV-GPS Receiver | GV-GPS Receiver is a Global Position System receiver, allowing you to perform vehicle tracking and location verification functions. It is available in two types of interfaces: UART and RS-232. |
| GV-Relay V2 | Working with this module, GV-Video Server can drive the loads of relay outputs over 5 volts. |
| GV-Storage System | The iSCSI storage system allows you to record files over the Internet. |