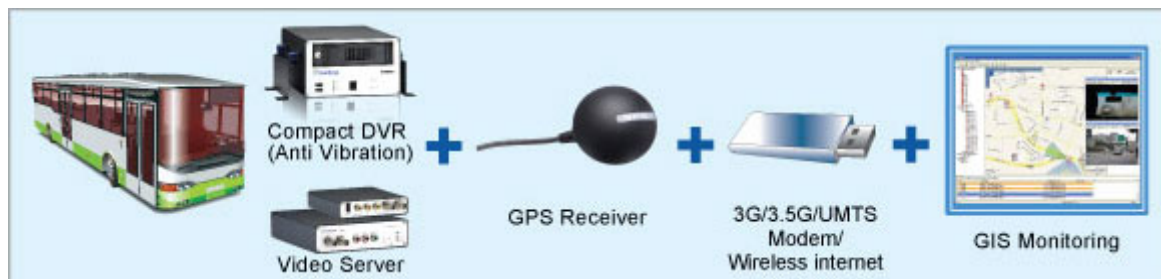


GV-H.264 Video Server (GV-VS12)



- H.264, MPEG4, MJPEG
- 2 Channels full D1 real time video / audio
- Compact size
- PoE / 12V DC
- Active Tampering Alarm
- Recording to USB storage
- Supports GPS, GV-GIS
- Supports UMTS/ 3G / 3.5G
- Supports over 40 branded speed dome protocols
- Fully integrated with GeoVision series solution

GV-VS12 is a powerful H.264 Video Server with compact size and supports multiple applications. It supports PoE, 2 channels full D1 real time video and audio encoding, fully integrated with GV-NVR to form the most powerful IP surveillance solution. It supports over 40 branded speed dome protocols to fulfill multiple speed dome selection for projects. It is able to local record to USB storage, to form the smallest video recorder. With GPS and UMTS/3G/3.5G support, it provides GIS solution integrated with GV-GIS. Active Tampering Alarm alerts when tampering event happens, prevents 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 video attachment, Video 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, (36W 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	Sensor Input	
Alarm Output	Alarm Output	
Environment		
Operation Temp.	-20 ~ 55 °C / -4 ~ 131 °F	
Humidity	5 ~ 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.

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.