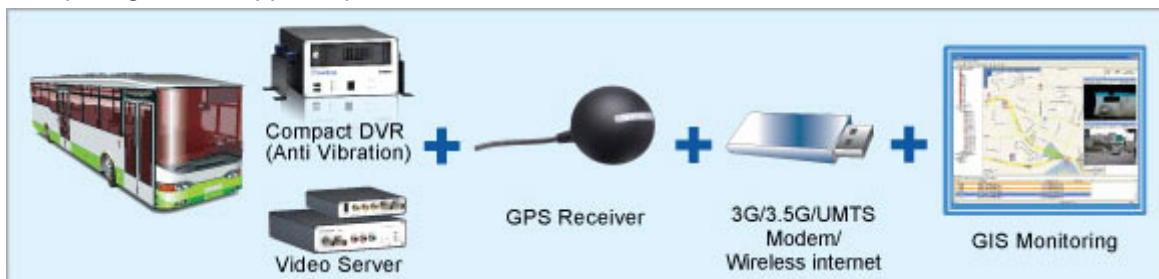


GV-Video Server (GV-VS02A)



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

GV-VS02A is a powerful MPEG4 Video Server with compact size and supports multiple applications. It supports PoE, 2 channels video and audio encoding and streaming, fully integrated with GV-NVR to form the most powerful IP 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. It supports Wiegand reader for remote card reader access. Active Tampering Alarm alerts when tampering event happens, prevents crime events.



SPECIFICATIONS

Video		
Video Standard	NTSC, PAL	
Video Input	2 channel	
Compression	Geo MPEG4 (ASP)	
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 channel	
Compression	G.723	
Management		
Event Management	Trigger	Time, 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	4 digital inputs, 4 relay outputs, RS±485, 1 Wiegand interface, 1 UART interface	
Ethernet	RJ-45, 10/100 Mbps	
Power	Power Jack	1 DC-In power jack, 1 DC-Out power jack
	Input	100-240V, 1.2A, 50-60Hz
	Output	12V, 3A, (36W Max.)
Power over Ethernet		
PoE Standard	PoE Standard	
PoE Power Supply Type	PoE Power Supply Type	
PoE Power Output	PoE Power Output	
Alarm		
Sensor Input	4 inputs	
Alarm Output	4 outputs	
Environment		
Operation Temp.	-20 ~ 55 °C / -4 ~ 131 °F	
Humidity	5 ~ 85% RH (non-condensing)	
Physical		
Dimensions (L x W x H)	174 x 145 x 40 mm / 6.85 x 5.7 x 1.57 in	
Weight	0.74 kg / 1.63 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-Reader	GV-Reader includes transmit-receive antenna and electronics. With both Wiegand and RS-485 outputs, it is compatible with any standard access control panel.
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.