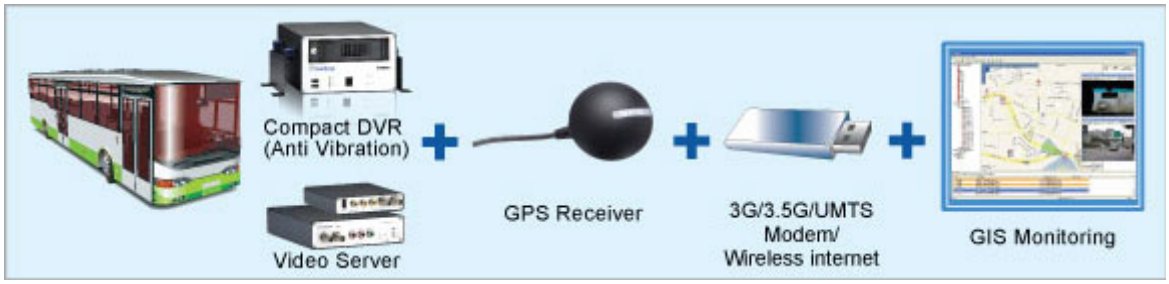
GV-VS02A 2Ch MPEG4 Video Server

- MPEG4
- 2-Channel full D1 real-time video / audio
- PoE / 12V DC
- Tampering Alarm
- USB storage recording
- GPS support
- UMTS/ 3G / 3.5G support
- Wiegand reader support
- Over 40 branded speed dome protocols available
- Full intergration with GeoVision series solutions
- Support 16 languages on web interface

GV-VS02A is a powerful MPEG4 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 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		MPEG4
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	NTSC	704 x 480, 704 x 480 De-interlace, 352 x 240, 176 x 112 (firmware V1.05)
		720 x 480, 720 x 480 De-interlace, 360 x 240, 176 x 112 (firmware V1.00 to V1.04)
	PAL	704 x 576, 704 x 576 De-interlace, 352 x 288, 176 x 144 (firmware V1.05)
		720 x 576, 720 x 576 De-interlace, 360 x 288, 176 x 144 (firmware V1.00 to V1.04)
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.723
Management		
Event Management	Trigger	Schedule, Time, 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 7.x or above running on Windows XP/ Vista / 7 / Server 2008
Security		IP address filtering

Language		Czech / Danish / English / French / German / Hebrew / Hungarian / Italian / Japanese / Polish / Portuguese / Russian / Serbian / Simplified Chinese / Spanish / Traditional Chinese
Network		
Interface		10/100 Base-T Ethernet; 802.11b/g Wireless LAN (optional); Mobile broadband: UMTS, EDGE, etc. (optional)
Protocol		HTTP, TCP, UDP, SMTP, FTP, DHCP, NTP, UPnP, DynDNS, Multicast, 3GPP/ISMA, RTSP, PSIA
Connector		
Video Input		2 BNC ports
Audio Input		2 RCA ports
Audio Output		1 RCA port
Terminal Block		4 digital inputs, 4 relay outputs, RS±485, 1 Wiegand interface, 1 UART interface
Ethernet		RJ-45, 10/100 Mbps
USB 2.0		2 posrts
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		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		4 inputs
Alarm Output		4 outputs
Environment		
Operation Temp.		-20 ~ 55 °C / -4 ~ 131 °F
Humidity		0 ~ 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

Note:

1. Product design and specifications are subject to change without notice.
2. The maximum number of streams that a GV-Video Server allows is 20. When a channel from the GV-Video Server is connected to GV-System, IE browser, or any other application, it takes up 1 stream.
3. The GV-Video Server cannot work with the microphones that acquire power from the unit. Use microphones that have external power supply.

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.
WiFi USB Adaptor	The WiFi USB Adaptor is designed to connect the GV IP devices, such as GV-Video Server or GV-Compact DVR, to the wireless network.
GV-PA191 PoE Adaptor	GV-PA191 is designed to provide power to the IP device through a single Ethernet cable.
GV-VR605 DC Voltage Regulator	GV-VR605 is designed to be installed in the car to supply and maintain a 12V voltage to the GV-Video Server and its connected cameras.
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-GF Fingerprint Reader	The indoor-use GV-GF Fingerprint Reader (GV-GF1900/1901/1902) is designed to identify fingerprint, identification cards or both. Depending on different models, Wiegand, RS-485 or both interfaces are supported.
GV- RK1352 Card Reader	GV-RK1352 is an outdoor card reader designed with a keypad to recognize PIN codes, identification cards or both. With both Wiegand and RS-485 outputs, it is compatible with any standard access control panel.

Supported Wireless LAN USB Adaptor

Vendors	Model
D-Link	DWA-140 (H/W version B1), DWL-G122 (version C1)
EDIMAX	EW-7318Ug, EW-7718Un
Linksys	WUSB54GC, WUSB600 (version 1)
Pegatron	WL-166N11
Note: Linksys WUSB54GC ver. 3 is not supported.	

Supported Mobile Broadband Device

Vendors	Model
HUAWEI	E169, E220, E1692, EC169C, E1750, E1752, E1756 USB Modem (HSDPA/UMTS/EDGE/GPRS/GSM)
Novatel	MC950D, MC996D, MC998D (HSDPA/UMTS/EDGE/GPRS/GSM)
Onda	MSA523HS
Verizon	USB760 Modem (EVDO)
Vodafone	K3565 (Rev 2)