

GV-Video Server (GV-VS02A)



- 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

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		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.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 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, Multicast	
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	
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, (60W 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	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 (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-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.