

GV-VS12 2Ch H.264 Video Server



- 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
- Support 16 languages on web interface

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
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, 3GPP/ISMA, RTSP, Multicast
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		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:

1. Product design and specifications are subject to change without notice.
2. 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.
3. The GV-Video Server cannot work with the microphone that acquires power from the unit. Use the microphone that has 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.

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, E1750, E1692, EC169C USB Modem (HSDPA/UMTS/EDGE/GPRS/GSM)
Novatel	MC950D (HSDPA/UMTS/EDGE/GPRS/GSM)
Verizon	USB760 Modem (EVDO)
Vodafone	K3565 (Rev 2)