GV-Video Server

The GV-Video Server is designed to digitize one or two analog video signals, then compress them and send them over an IP network to be viewed on a mobile device, saved in a storage server or processed by a digital surveillance system.

Main Features:

- Dual Streaming
- Supports 3GPP
- Wireless supports 802.11 b/g
- External Storage

SPECIFICATIONS

Video			
Models		GV-VS01	GV-VS02
Video Standard		NTSC, PAL	
Video Input		1 channel	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, Dual Streaming by GV-VS01	
Video Adjustment		Brightness, Contrast, Hue, Saturation, Image Quality,Image Size, Bitrate, GOP (Group of Picture) size	
Audio			
Models		GV-VS01	GV-VS02
Audio Input		1 channel	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 and VSM, Relay outputs to control external devices	
Firmware Upgrade		Remote upgrade by HTTP, Firmware upgrade utility included in the Software CD	
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
Ethernet		RJ-45, 10/100 Mbps
Power	Power Jack	2 DC power jacks
	Input	100-240V, 1.2A, 50-60Hz
	Output	12V, 3A, (36W Max.)
Alarm		
Sensor Input		4 inputs
Alarm Output		4 outputs
Environment		
Operation Temp.		-20 ~ 50 °C / -4 ~ 122 °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		0.75 kg / 1.65 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.
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 5V.
GV-Storage System	The iSCSI storage system allows you to record files over the Internet.