

## GV-Video Server (GV-VS02A)



The GV-Video Server allows the conversion of any analog camera into a fully functional IP camera. It streams the realtime digital video over the Internet in the same way that current IP cameras do. With the analog cameras attached to the GV-Video Server, you can see camera images through a web browser anytime and anywhere. And with the GV-Video Server connected to the GVSystem, your existing surveillance system can be upgraded and networked into a new IP surveillance system.

### 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.)
<b>Alarm</b>		
Sensor Input		4 inputs
Alarm Output		4 outputs
<b>Environment</b>		
Operation Temp.		-20 ~ 55 °C / -4 ~ 131 °F
Humidity		5 ~ 85% RH (non-condensing)
<b>Physical</b>		
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.