

GV-VS2400 4CH H.264 TVI 1080p Video Server



- H.264 □
- 4-channel TVI 1080p / 720p and analog 960H / D1 real-time video □
- 12V DC □
- Tampering Alarm □
- USB HDD Storage □
- Supports UMTS / 3G / 3.5G / 4G □
- Automatic switch between WiFi and 3G □
- Supports over 50 PTZ models □
- Supports 29 languages on web interface □

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 GV-VS2400 is a powerful H.264 Video Server with compact size and supports multiple applications. It supports 4-channel TVI 1080p / 720p and analog 960H / D1 real-time video, fully integrated with GV-System (GV-DVR / NVR) / GV-VM to form the most powerful IP solution. GV-VS2400 converts analog signals into high resolution digitized images up to 2 megapixels. It also supports over 50 PTZ models to fulfill various project demands. It can record video to a local USB storage, forming the smallest video recorder. It can also activate Tampering Alarm alerts when cameras are tampered with, which can prevent criminal activities successfully. □

Specifications □

Video		
Video Standard □	NTSC, PAL □	
Video Input □	4 channels □	
Compression □	H.264 □	
Frame Rate □	NTSC □	30 fps per channel; 120 fps in total for 4 channels □
	PAL □	25 fps per channel; 100 fps in total for 4 channels □
Resolution □	NTSC □	Main Stream □ 1920 x 1080, 1280 x 720 for TVI Signal □
	HD □	Sub Stream □ 640 x 360, 448 x 252 for TVI Signal □
	NTSC □	Main Stream □ 960 x 480, 720 x 480 for Analog Signal □
	SD □	Sub Stream □ 480 x 240, 360 x 240 for Analog Signal □
	PAL □	Main Stream □ 1920 x 1080, 1280 x 720 for TVI Signal □
	HD □	Sub Stream □ 640 x 360, 448 x 252 for TVI Signal □
PAL □	Main Stream □	960 x 576, 720 x 576 for Analog Signal □
	SD □	Sub Stream □ 480 x 288, 360 x 288 for Analog Signal □
Video Streaming □	Configurable frame rate and bandwidth, □ Constant and variable bitrate □	
Video Adjustment □	Brightness, Contrast, Saturation, Hue, Sharpness □	
Dual Streams □	Yes □	
Coaxial Cable □	Recommended Type □	5C-FB or above □
	Maximum Length □	300m (984ft) □
Audio		
Audio Input □	1 channel □	
Compression □	G.711 □	
Audio Support □	Two-way □	

Management		
	Trigger <input type="checkbox"/>	Schedule, Sensor Input, Motion Detection <input type="checkbox"/>
Event Management <input type="checkbox"/>	Action <input type="checkbox"/>	Store Video (AVI format) <input type="checkbox"/> Send e-mails with captured images <input type="checkbox"/> Upload captured images to FTP Server <input type="checkbox"/> Monitor through Center V2 and Vital Sign Monitor <input type="checkbox"/> Activate relay outputs to control external devices <input type="checkbox"/>
Firmware Upgrade <input type="checkbox"/>		Remote upgrade by HTTP, <input type="checkbox"/> Firmware upgrade utility included in the Software DVD <input type="checkbox"/>
Storage <input type="checkbox"/>		USB/HDD Storage <input type="checkbox"/>
Client PC Requirements <input type="checkbox"/>		Microsoft Internet Explorer 8.x or later <input type="checkbox"/>
Security <input type="checkbox"/>		IP address filtering <input type="checkbox"/>
Language <input type="checkbox"/>		Bulgarian / Czech / Danish / Dutch / English / French / German / Greek / Hebrew / Hindi / Hungarian / Italian / Indonesian / Japanese / Norwegian / Lithuanian / Persian / Polish / Portuguese / Romanian / Russian / Serbian / Simplified Chinese / Slovakian / Slovenian / Spanish / Thai / Traditional Chinese / Turkish <input type="checkbox"/>
Network		
Interface <input type="checkbox"/>		10/100/1000 Base-T Ethernet, <input type="checkbox"/> 802.11b/g/n Wireless LAN (optional), <input type="checkbox"/> Mobile broadband: UMTS, EDGE, etc. (optional) <input type="checkbox"/>
Protocol <input type="checkbox"/>		HTTP, HTTPS, TCP, UDP, SMTP, FTP, DHCP, NTP, UPnP, DynDNS, IGMP, ISMA, <input type="checkbox"/> RTSP, QoS (DSCP), SNMP <input type="checkbox"/>
External Interface		
Video Input <input type="checkbox"/>		4 BNC ports <input type="checkbox"/>
Audio Input <input type="checkbox"/>		1 port stereo phone jack, 3.5mm/0.14" <input type="checkbox"/>
Audio Output <input type="checkbox"/>		1 port stereo phone jack, 3.5mm/0.14" <input type="checkbox"/>
Sensor Input <input type="checkbox"/>		4 inputs <input type="checkbox"/>
Alarm Output <input type="checkbox"/>		4 outputs <input type="checkbox"/>
PTZ <input type="checkbox"/>		RS-485+/- <input type="checkbox"/>
Ethernet <input type="checkbox"/>		RJ-45, 10/100/1000 Mbps <input type="checkbox"/>
USB <input type="checkbox"/>		2 ports (USB 2.0) <input type="checkbox"/>
Power <input type="checkbox"/>	Input <input type="checkbox"/>	12V, 3.0A <input type="checkbox"/>
	Output <input type="checkbox"/>	12V, 1.6A, (19.2W Max.) <input type="checkbox"/>
Environment		
Operation Temp. <input type="checkbox"/>		-20 ~ 50°C / -4 ~ 122°F <input type="checkbox"/>
Humidity <input type="checkbox"/>		0 ~ 85% RH (non-condensing) <input type="checkbox"/>
Physical		
Dimensions (L x W x H) <input type="checkbox"/>		174 x 145 x 40 mm / 6.85 x 5.7 x 1.57 in <input type="checkbox"/>
Weight <input type="checkbox"/>		0.73 kg / 1.61 lb <input type="checkbox"/>
Regulatory <input type="checkbox"/>		CE, FCC, RoHS compliant <input type="checkbox"/>
Applications		
Network Storage <input type="checkbox"/>		GV-System (GV-DVR/NVR) / GV-VMS, GV-Backup Center, GV-Recording Server <input type="checkbox"/>
Mobile Phone Support <input type="checkbox"/>		GV-Eye for iOS and Android <input type="checkbox"/>
Live Viewing <input type="checkbox"/>		IE, Firefox, Chrome, Safari, Edge <input type="checkbox"/>
QMS Server support <input type="checkbox"/>		GV-Control Center, GV-Center V2, GV-Vital Sign Monitor <input type="checkbox"/>

Note:

- The GV Video Server cannot work with the microphones that acquire power from the unit. Use microphones that have external power supply.
- GV-VS2400 supports 1 external hard disk (2.5" or 3.5") with up to 4TB capacities.
- It is not recommended to use the flash USB drive with GV-VS2400 because of its slow read and write speed.
- Product design and specifications are subject to change without notice.
- When transmitting video signals over a long distance, it is highly recommended to use 5C-FB coaxial cables or above to minimize the degradation of image quality. The transmission distance should be within 300m (984ft).

Packing List


1. GV-VS2400
2. AC Power Cord x1
3. Power Adaptor x1
4. GV-Video Server Software (CD/DVD) x1
5. GV-NVR Software (CD/DVD) x1
6. Warranty Card

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Options

Optional devices can expand your GV-Video Server's capabilities and versatility. Contact your dealer for more information.

DC Male-to-Male Cable	<p>DC Male-to-Male Cable and DC 1-Male to 4-Female Cable are both used to power on the cameras through the GV-Video Server.</p> <p>For instance, you can purchase four DC Male-to-Male Cables and one DC 1-Male to 4-Female Cable to power on four cameras through the GV-Video Server.</p>
DC 1-Male to 4-Female Cable	
 <p>DC 1-Male to 4-Female Cable DC Male-to-Male Cable</p>	
GV-Relay V2	Working with the GV-Relay V2, the GV-Video Server is capable of driving the loads of relay outputs over 5 volts.
GV-WiFi USB Adaptor	The WiFi USB Adaptor is designed to connect the GV IP devices, such as GV-Video Server, to the wireless network.
3.5mm Stereo to RCA Cable	3.5mm Stereo to RCA Cable is served as an audio adapter for microphones with RCA connectors.
Wall Hook	Wall Hook is used to mount GV-VS2400 to the wall.
Din-rail Hook	Din-rail Hook is used to mount GV-VS2400 to a cabinet.

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Supported Wireless LAN USB Adaptor

Vendors	Model
D-Link	DWA-140 (H/W version B1), DWL-G122 (version C1)
EDIMAX	EW-7318Ug, EW-7718Un, EW-7711UAn
Linksys	WUSB54GC, WUSB600 (version 1)
Pegatron	WL-166N11
Note: Linksys WUSB54GC ver. 3 is not supported.	

Supported Mobile Broadband Device

Vendors	Model
Bandluxe	C320, C501
HUAWEI	E156, E156B, E169, E220, E1692, E1750, E1752, E1756, E1756C, EC169C, EC189 USB Modem (HSDPA/UMTS/EDGE/GPRS/GSM)
Novatel	MC950D, MC996D, MC998D (HSDPA/UMTS/EDGE/GPRS/GSM)
Onda	MSA523HS
Serra	250U
Verizon	USB727, USB728, USB760 Modem (EVDO)
Vodafone	K3565 (Rev.2)
ZTE	MF100

