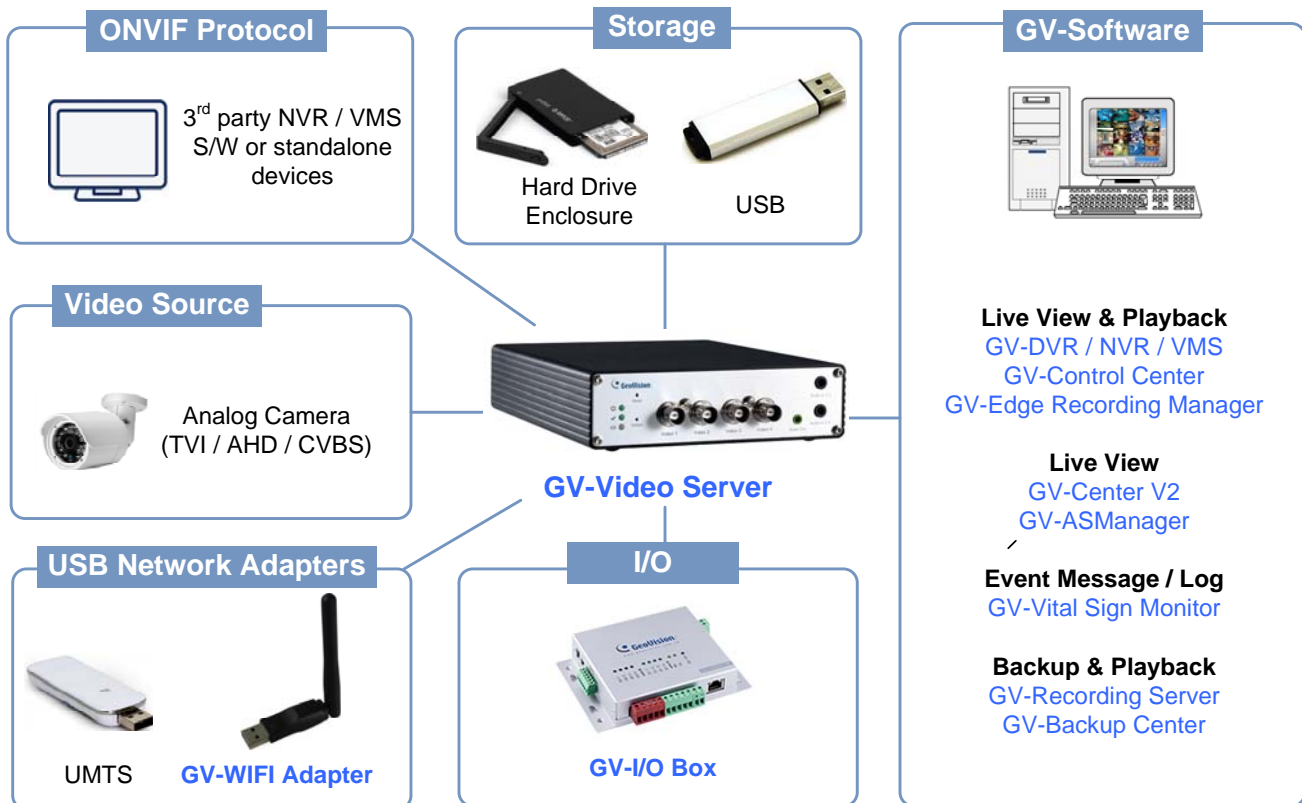


## GV-VS2401 4CH H.264 Combo 1080p Video Server



- H.264
- 4-channel combo 18 fps at 3 MP, 15 fps at 4 MP, 12 fps at 5 MP
- 4-channel combo 1080p / 720p and analog 960H / D1 real-time video
- 12V DC
- Tampering Alarm
- USB HDD Storage
- UMTS / 3G / 3.5G / 4G
- Automatic switch between WiFi and 3G / 4G
- Supports over 50 PTZ models
- 29 languages on web interface
- HD-TVI (1.0 / 2.0 standard) / HD-AHD
- ONVIF (Profile S) conformant

GV-VS2401 is a powerful H.264 Video Server with compact size. It supports 4-channel 3 MP, 5 MP, 1080p / 720p or analog 960H / D1 real-time video. It can be fully integrated with GV-DVR / NVR / VMS to form the most powerful IP surveillance solution. The video server converts analog signals into high-resolution digitized images of up to 5 megapixels and supports over 50 PTZ models to fulfill various project demands. GV-VS2401 can record videos to a local USB storage, performing as a compact video recorder. It is also able to trigger Tampering Alarm alerts when the cameras are tampered with, which can be used to prevent criminal activities.



## Specifications

Video			
Video Standard		NTSC, PAL	
Video Input		4 channels	
Compression		H.264	
Signal Type		Combo / CVBS	
Frame Rate	NTSC	18 fps per channel at 3 MP; 72 fps in total for 4 channels 15 fps per channel at 4 MP, 60 fps in total for 4 channels 12 fps per channel at 5 MP; 60 fps in total for 4 channels 30 fps per channel at 1080p; 120 fps in total for 4 channels	
	PAL	18 fps per channel at 3 MP; 72 fps in total for 4 channels 15 fps per channel at 4 MP, 60 fps in total for 4 channels 12 fps per channel at 5 MP; 60 fps in total for 4 channels 25 fps per channel at 1080p; 100 fps in total for 4 channels	
Resolution	NTSC HD	Main Stream	2592 x 1944, 2560 x 1440, 2048 x 1536, 1920 x 1080, 1280 x 720, 640 x 360, 448 x 252 for Combo Signal
		Sub Stream	640 x 360, 448 x 252 for Combo Signal
	NTSC SD	Main Stream	960 x 480, 720 x 480, 480 x 240, 360 x 240 for Analog Signal
		Sub Stream	480 x 240, 360 x 240 for Analog Signal
	PAL HD	Main Stream	2592 x 1944, 2560 x 1440, 2048 x 1536, 1920 x 1080, 1280 x 720, 640 x 360, 448 x 252 for Combo Signal
		Sub Stream	640 x 360, 448 x 252 for Combo Signal
PAL SD	Main Stream	960 x 576, 720 x 576, 480 x 288, 360 x 288 for Analog Signal	
	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	300 m (984 ft)	
Audio			
Audio Input		2 ports, 4 channels	
Compression		G.711	
Audio Support		Two-way	
Management			
Event Management	Trigger	Schedule, Sensor Input, Motion Detection, Tampering Alarm	
	Action	<ul style="list-style-type: none"> <li>● Store Video (AVI format)</li> <li>● Send e-mails with captured images</li> <li>● Upload captured images to FTP Server</li> <li>● Monitor through Center V2 and Vital Sign Monitor</li> <li>● Activate relay outputs to control external devices</li> </ul>	
Firmware Upgrade		Remote upgrade by HTTP, Firmware upgrade utility	
Storage		USB HDD Storage	
Client PC Requirements		Microsoft Internet Explorer 8.x or later	
Security		IP address filtering	
Language		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	
Max Number of Live Streams		16	
Max Number of RTSP Streams		25	

<b>Network</b>		
Interface	10/100/1000 Base-T Ethernet, 802.11b/g/n Wireless LAN (optional), Mobile broadband: UMTS, EDGE, etc. (optional)	
Protocol	DHCP, DynDNS, FTP, HTTP, HTTPS, 3GPP/ISMA, NTP, ONVIF (Profile S), RTSP, SMTP, SNMP, TCP, UDP, UPnP, QoS (DSCP)	
Security Feature	-No default ID and Password -802.1x authentication -HTTPS with an SSL certificate stored within the video server	
<b>External Interface</b>		
Video Input	4 BNC ports	
Audio Input	2 port stereo phone jack, 3.5 mm/0.14"	
Audio Output	1 port stereo phone jack, 3.5 mm/0.14"	
Sensor Input	4 inputs	
Alarm Output	4 outputs	
PTZ	RS-485 +/-	
Ethernet	RJ-45, 10/100/1000 Mbps	
USB	2 ports (USB 2.0)	
Power	Input	12V, 3.0A
	Output	12V, 1.6A, (19.2 W Max.)
<b>Environment</b>		
Operation Temperature	-20 °C ~ 50 °C / -4 °F ~ 122 °F	
Humidity	0 ~ 90% RH (no condensation)	
Weather Resistance	Indoor use	
<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	0.73 kg / 1.61 lb	
Regulatory	CE, FCC, RCM, RoHS compliant	
<b>Applications</b>		
Software Supported	GV-VMS (V16.11.0.0), GV-DVR / NVR (V8.7.4.0), GV-Control Center (V3.4.0.0), GV-Backup Center (V1.2.0.0), GV-Edge Recording Manager (V1.3.0.0), GV-Center V2 (V16.11.0.0), GV-Recording Server / Video Gateway (V1.3.0.0), GV-Redundant / Failover Server (V1.1.0.0), GV-Remote ViewLog (V16.11.0.0)	
Mobile Phone Support	GV-Eye for iOS and Android	
Live Viewing	IE, Firefox, Chrome, Safari, Edge	
CMS Server support	GV-Control Center, GV-Center V2, GV-Vital Sign Monitor	

**Note:**

1. GV-Video Server cannot work with microphones that acquire power from the unit. Use microphones that have external power supply.
2. GV-VS2401 supports 1 external hard disk (2.5" or 3.5") with up to 8 TB capacities.
3. It is not recommended to use the flash USB drive with GV-VS2401 because of its slow read and write speed.
4. 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 300 m (984 ft).
5. Product design and specifications are subject to change without notice.

**Packing List**

1. GV-VS2401
2. AC Power Cord
3. Power Adaptor
4. Download Guide
5. Warranty Card

**Options**

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

<p>DC Male-to-Male Cable</p>	<p>DC Male-to-Male Cable and DC 1-Male to 4-Female Cable are both used to power 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 four cameras through the GV-Video Server.</p>
<p>DC 1-Male to 4-Female Cable</p>	<div data-bbox="544 360 831 539" data-label="Image"> </div> <p>DC 1-Male to 4-Female Cable    DC Male-to-Male Cable</p>
<p>GV-Relay V2</p>	<p>Working with a GV-Relay V2, the GV-Video Server can drive the loads of relay outputs over 5 volts.</p>
<p>GV-WiFi Adaptor V2</p>	<p>GV-WiFi Adaptor V2 is designed to connect the GV IP devices, such as GV-Video Server, to the wireless network.</p>
<p>3.5 mm Stereo to RCA Cable</p>	<p>3.5 mm Stereo to RCA Cable is served as an audio adapter for microphones with RCA connectors.</p>
<p>Wall Hook</p>	<p>Wall Hook is used to mount GV-VS2401 to the wall.</p> <div data-bbox="488 891 624 1059" data-label="Image"> </div>
<p>DIN-rail Hook</p>	<p>DIN-rail Hook is used to mount GV-VS2401 to a 35-mm (1.38-in) DIN rail.</p> <div data-bbox="480 1160 639 1328" data-label="Image"> </div>
<p>Rack Mount</p>	<p>Rack Mount is used to mount up to 3 video servers to a 19-in (482.6-mm) rack.</p> <div data-bbox="491 1429 882 1597" data-label="Image"> </div>

### 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
Bandlux	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
Sierra	250U
Verizon	USB727, USB728, USB760 Modem (EVDO)
Vodafone	K3565 (Rev 2)
ZTE	MF100