

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"> ● Store Video (AVI format) ● Send e-mails with captured images ● Upload captured images to FTP Server ● Monitor through Center V2 and Vital Sign Monitor ● Activate relay outputs to control external devices
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	
Network		
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)	
External Interface		
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.)
Environment		
Operation Temperature	-20 °C ~ 50 °C / -4 °F ~ 122 °F	
Humidity	0 ~ 90% RH (no condensation)	
Weather Resistance	Indoor use	
Physical		
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	
Applications		
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. The 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 your 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>	 <p style="text-align: center;">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 is capable of driving the loads of relay outputs over 5 volts.</p>
<p>GV-WiFi Adaptor V2</p>	<p>The 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> 
<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> 
<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> 

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