

## GV-Compact DVR V2 (GV-LX4C2 / GV-LX4C2V)



### INTRODUCTION

The GV-Compact DVR is a mobile video recorder. It can simultaneously display real-time images from four cameras. The recording frame rate of each channel is adjustable up to 30 / 25 fps at the resolution of 720 x 480 (NTSC) / 720 x 576 (PAL). You can access the four video channels either in the quad mode or single channel mode.

The Anti-Vibration model of the GV-Compact DVR has already been tested to withstand severe levels of shock and vibration in mobile environments. It is perfect to be installed in any vehicles, such as buses and vans, for surveillance and recording.

The special design of the GV-Compact DVR enables you to link up with TV, VGA and spot monitors simultaneously for direct display. The GV-Compact DVR offers many features that you can expect to have.

### KEY FEATURES

- 4-channel video and audio recording and playback
- MPEG-4 compression
- Up to 720 x 480 (NTSC) / 720 x 576 (PAL) recording resolution
- Up to 120 images per second recording rate at D1 resolution
- Independent channel resolution, quality and frame rate settings
- Support one 3.5" or 2.5" SATA HDD (2.5" to 3.5" HDD converter required)
- Support two external USB HDDs
- On-screen menu and Web-based control
- Display video on TV, VGA and Spot Monitor simultaneously
- Continuous, motion and scheduled recording
- 4 alarm inputs, 4 relay outputs
- Retrieve video by date, time and event
- Motion detection function with 3 sensitivity values adjustable on each channel
- Video signal auto detection
- Remote playback
- Support USB DVD-RW for video backup
- GPS tracking (GPS module required)
- UMTS (UMTS module required)
- 3G Mobile Phone Surveillance
- Support central monitoring systems Center V2, VSM and Control Center
- Support geographic information system GV-GIS
- Vibration and mechanical shock protection
- Buzzer alarm on video lost, input trigger, motion detection and disk full

## MODELS

**GV-LX4C2**  
Standard Model



**GV-LX4C2V**  
Anti-Vibration Model



## SPECIFICATIONS

		GV-LX4C2	GV-LX4C2V
<b>Video</b>			
Video Standard		NTSC, PAL	
Video Input/Output		4 Videos In, 4 Loops Out	
Compression		Geo MPEG4 (ASP)	
Frame Rate	NTSC	30 fps/ch at D1 resolution	
	PAL	25 fps/ch at D1 resolution	
Resolution		Full D1, Half D1, CIF	
Video Streaming		Configurable frame rate and bandwidth	
Video Adjustment		Brightness, Contrast, Hue, Saturation	
<b>Audio</b>			
Audio Input/Output		4 Audios In, 1 Audio Out	
Compression		G.723	
<b>Output Signal Formats</b>			
Resolution	VGA Out	800 x600, 1024 x 768, 1280 x 1024	
	TV Out	640 x 480	
V. Frequency	VGA Out	60Hz	
	TV Out	60Hz	
<b>Management</b>			
Event Management	Trigger	Time, Sensor Input, Motion Detection	
	Action	<ul style="list-style-type: none"> <li>• Store video to HDD (AVI format)</li> <li>• Central monitoring by Center V2 and VSM</li> <li>• Activate relay outputs to control external devices</li> </ul>	
Firmware Upgrade		<ul style="list-style-type: none"> <li>• Remote upgrade by Web browser</li> <li>• Use a USB flash drive</li> <li>• Use the upgrade utility included on the Software CD</li> </ul>	
Storage (Optional)		<ul style="list-style-type: none"> <li>• 1 SATA HDD of 2.5" or 3.5" (HDD converter required for 2.5" HDD from GeoVision)</li> <li>• 2 external USB HDDs</li> <li>• DVD RW backup</li> </ul>	
Client PC Requirements		Microsoft IE 6.x or above running on Windows XP/Vista/7/Server 2008	

Network	
Interface	<ul style="list-style-type: none"> <li>• 10/100 Base-T Ethernet</li> <li>• 802.11b/g, 802.11n Wireless LAN (optional)</li> <li>• Mobile broadband: UMTS, EDGE, etc. (optional)</li> </ul>
Protocol	HTTP, TCP, UDP, SMTP, FTP, DHCP, NTP, UPnP, DynDNS
Security	IP address filtering
Connector	
Input	4 Videos In, 4 Audios In
Output	1 TV Out, 1 Spot Out, 1 VGA Out, 1 Audio Out, 4 Video Loops Out
Terminal Block	4 digital inputs, 4 relay outputs, RS-485 for PTZ, RS-232 for GPS
Ethernet	RJ-45, 10/100 Mbps
USB 2.0	2 ports
IR Receiver	1 port for optional External IR Receiver
Power	12V, 5A (60W Max.) <span style="float: right;">5 ~ 36V (60W Max.)</span>
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)	176 x 253 x 105 mm / 7 x 10 x 4 in
Weight	2.05 kg / 5 lb (Net)

\* **Note:** Product design and specifications are subject to change without notice.

## Options

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

External IR Receiver	The external IR receiver, with a 5-meter cable (16.4 feet), allows long-distance remote control of the GV-Compact DVR.
GV-GPS 232 Receiver	GV-GPS 232 Receiver, with RS-232 interface, is a Global Position System receiver. It can be applied to vehicle tracking and location verification.
2.5" to 3.5" HDD Converter	The HDD converter allows you to install a 2.5" SATA HDD into GV-Compact DVR.
GV-Relay V2	Working with this module, GV-Compact DVR 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.