

## GV-Compact DVR



The advertisement features the GeoVision logo in the top left corner. To the right, the text 'Key Features' is displayed in a large, bold, blue font, with 'GV-Compact DVR' below it in a smaller, bold, blue font. On the left side, there are six blue square icons with white symbols and text: 'MPEG-4' (film strip), 'AV x 4' (play button), 'Web & OSD' (directional arrows), 'TV/VGA Out' (monitor), 'GPS' (globe with signal waves), and 'IP Capability' (computer monitor with signal waves). On the right side, there is a photograph of the GV-Compact DVR unit, a black and silver rectangular device with a front panel showing ports and a power button, and a black remote control standing next to it.

### INTRODUCTION

GV-Compact DVR is an embedded system that supports MPEG-4 compression with superior network functions. It captures video at up to 120 fps with 2 CIF (half D1) resolution, and allows independent adjustment settings for channel resolution, quality and frame rate. With special graphic design and user-friendly web and on-screen-display controls, the system can be set up quickly and easily. When connecting with GV-CMS series, the system is available with perfect remote central monitoring and various other control features. When connected via a 3G/3.5G/UMTS modem, the GV-Compact DVR becomes a perfect mobile solution thanks to the GPS feature with real time video tracking. Most important of all, the GV-Compact DVR is fully compatible with GeoVision surveillance system in providing a total surveillance solution.

### KEY FEATURES

- Dual Streaming
- MPEG-4 video compression
- Up to 4 channels for audio and video recording and playback
- Up to 1 IDE HDD, 2 external USB HDDs
- Viewlog search by calendar date/time format
- Professional Web & OSD control
- TV/VGA output with spot monitor
- Support digital I/O
- Scalable motion detection
- Video signal auto detection
- Support Center V2, VSM, remote playback
- Support GPS, 3G/3.5G/UMTS modem (Optional)
- Intregation with Access Control systems

## SPECIFICATIONS

Video			
Video Standard		NTSC, PAL	
Video Input/Output		4 Videos In, 4 Loops Out	
Compression		Geo MPEG4 (ASP)	
Frame Rate	NTSC	30 fps/ch at Half D1 resolution	
	PAL	25 fps/ch at Half D1 resolution	
Resolution		Full D1, Half D1, CIF	
Video Streaming		Configurable frame rate and bandwidth	
Video Adjustment		Brightness, Contrast, Hue, Saturation	
Audio			
Audio Input/Output		4 Audios In, 1 Audio Out	
Compression		G.723	
Output Signal Formats			
		Resolution	V. Frequency
VGA Out	NTSC	640 x 480	60Hz
	PAL	640 x 480	50Hz
TV Out		640 x 480	X
Management			
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> </ul>	
Storage (Optional)		<ul style="list-style-type: none"> <li>1 IDE HDD of 2.5" or 3.5" (Accessories for 2.5" HDD are required from GeoVision)</li> <li>2 external USB HDDs</li> <li>DVD RW backup</li> <li>iSCSI storage system</li> </ul>	
Client PC Requirements		Microsoft IE 6.x or above running on Windows 2000/XP/2003/Vista	
Network			
Interface		<ul style="list-style-type: none"> <li>10/100 Base-T Ethernet</li> <li>802.11b/g Wireless LAN (optional)</li> <li>UMTS (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	
Power		12V, 5A (60W Max.)	
Alarm			
Sensor Input		4 inputs	
Alarm Output		4 outputs	
Environment			
Operation Temp.		-10 ~ 50 ° C / 14 ~ 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.

GV-GPS Receiver	GV-GPS Receiver is a Global Position System receiver, allowing you to perform vehicle tracking and location verification functions.
3.5" to 2.5" IDE HDD Adaptor and accessories	The adaptor and accessories allow you to install a 2.5" IDE HDD into GV-Compact DVR.
GV-Relay V2	Working with this module, GV-Compact DVR can drive the loads of relay outputs over 5V.
GV-Storage System	The iSCSI storage system allows you to record files over the Internet.