

GV-Mobile NVR System



Introduction

Designed to withstand rugged environment, GV-Mobile NVR System operates at a wide range of temperature and comes with anti-vibration protection, making it ideal for railways, public transits, boats, and industrial environment. With up to 32 channels of GV-IP megapixel cameras supported and 2 hot swappable bays of HDD or SSD choice, this fanless Mobile NVR system provides an all-in-one solution for rough conditions.

Features

- Powered by Intel Core i5 Processor
- 64-bit Windows Embedded Standard 7 SP1
- Support for GPU Decoding
- 2-bay Hot Swap Storage with Capacity of up to 2 Terabytes
- Fanless System
- Vibration and Mechanical Shock Protection
- Wide Working Temperature
- 3 Gigabit LAN ports
- Dual-monitor Display (VGA and DVI-D outputs)
- Support for 32-channel GV-NVR (pure IP surveillance)
- Support for 3rd Party IP cameras with H.264
- All-in-one Solution (Live View, Playback, Recording, Backup, CMS)
- Video Analysis (Advanced Motion Detection, Privacy Mask, Scene Change Detection and Counter)
- Automatic Connection to GV-IP cameras
- Fisheye Camera Dewarping Function
- Dual Video Streams
- On-screen LED Panel for Storage Status
- Smart Device Access
- Multiple (29) Languages

In-vehicle IP cameras with EN50155 compliance:

- [GV-FER521](#)
- [GV-MDR120](#)
- [GV-MDR220](#)
- [GV-MDR320](#)
- [GV-MDR520](#)

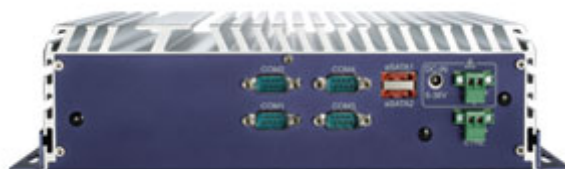
Specifications

Hardware		
System		
CPU		Intel Core i5 Processor
RAM		4 GB Dual Channels
OS		64-bit Windows Embedded Standard 7 SP1
Internal Storage		16 GB (CFast)
No. of HDD		2.5" Hot Swappable HDD / SSD x 2
Connector	Ethernet	RJ-45, 10 / 100 / 1000 Mbps x 3
	Video Output	VGA, DVI-D
	USB 2.0	6 ports
	Serial Port	4 ports
	eSATA	2 ports
Power Adaptor	Power	DC 6~36V power port, DC 6 ~ 36V 2-pin terminal block
	Input	100 ~ 240 V (50 ~ 60 Hz)
	Output	DC 90W, 24V, 3.75A
Environment		
Operation Temp.	HDD	0 °C ~ 40 °C / 32 °F ~ 104 °F
	SSD	0 °C ~ 60 °C / 32 °F ~ 140 °F
Humidity		0 ~ 80% RH (non-condensing)
Physical		
Color		Silver
LED Indicator		Yes (Failure, Access, Storage)
Dimensions (W x H x D)		260 x 78.2 x 175 mm / 10.24 x 3.08 x 6.89 in
Net Weight		2.74 kg / 6.04 lb (± 0.5 kg / 1.1 lb)
Operating Shock		30 G; 11ms
Operating Vibration		4.48 G (0 ~ 500 Hz)
Software		
Video and Audio		
Video Standard		NTSC, PAL
Video Input		32 channels
Audio Input		32 channels
Video Codec		MJPEG / MPEG4 (ASP) / H.264
Audio Codec		32 kHz / 16 bit
Live View and Playback		
Image Control		Contrast / Brightness / Saturation / Hue
Recording Mode		Round the Clock / Motion Detection / Sensor Detection / Pre & Post Recording / Schedule Recording
Pre Recording		1 ~ 45 min.
Instant Playback		10 sec. / 30 sec. / 1 min. / 5 min.
Watermark		Support
Searching and Playback		
Search Method		Date / Time / Camera / Event type
Backup Type		DVD+R (DL) / DVD-R (DL) / DVD+R / DVD+RW / DVD-R / DVD-RW Note: For backup function, you need to connect an external USB DVD/CD burner.
Remote Client Software		
Monitoring Environment		Web browser (IE, Chrome, Firefox and Safari) Mobile device (Android Smartphone and tablet; iPad, iPhone and iPod Touch)
Live View		Max. 32-channel multi views (Up to 200 channels connection to GV-Mobile NVR System)
Network Type		LAN, WAN, Internet
System Monitoring and Recovery		
Power Restoration		Automatic restart after power outage
Monitoring		Software watchdog
Recovery		Automatic system rebuild from Recovery DVD
Language		
Type		Arabic / Bulgarian / Czech / Danish / Dutch / English / Finnish / French / German / Greek / Hebrew / Hungarian / Italian / Japanese / Lithuanian / Norwegian / Polish / Portuguese / Romanian / Russian / Serbian / Simplified Chinese / Slovakian / Slovenian / Spanish / Swedish / Thai / Traditional Chinese / Turkish

Software License		
Free License		32 channels from GV-IP devices
Maximum License		32 channels from third-party IP devices
Increment for Each License		1 to 32 third-party IP cameras at an increment of 2
Dongle Type		External
Compatible Protocol		ONVIF, PSIA, RTSP
Sensor and Alarm (Optional)		
Sensor Input	GV-IO Box	4, 8, 16 inputs
Alarm Output	GV-IO Box	4, 8, 16 outputs

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

Overview



Options

GV-IO Box (4 Ports)	GV-IO Box 4 provides 4 inputs and 4 relay outputs, and supports both DC and AC output voltages. A USB port is provided for PC connection.
GV-IO Box (8 Ports)	GV-IO Box 8 provides 8 inputs and 8 relay outputs, and supports both DC and AC output voltages. A USB port is provided for PC connection.
GV-IO Box (16 Ports)	GV-IO Box 16 provides 16 inputs and 16 relay outputs, and supports both DC and AC output voltages. A USB port is provided for PC connection.
GV-Keyboard V3	The GV-Keyboard V3 is designed to program and operate the system, and it can also be connected with PTZ cameras directly for PTZ control.
GV-GPS Receiver	The GV-GPS Receiver can work with GV-Mobile NVR to perform GPS vehicle tracking.
WiFi USB Adapter	The WiFi USB Adaptor is designed to connect the GV-IP devices to the wireless network. This product complies with IEEE 802.11 b/g/n (Draft 3.0) standards for wireless networking.
GV-IR Remote Control Controls	GV-Mobile NVR with the Remote Control.
GV-TouchDisplay133	The GV-TouchDisplay133 is a touch panel designed for in-vehicle devices such as GV-Mobile NVR and GV-Compact DVR Series to monitor 4 channels and operate OSD.

Packing List

- GV-Mobile NVR System x 1
- AC Power Cord x 1
- Power Adapter x 1
- Wall Mount Bracket x 2
- 2-pin Terminal Block x 2
- Key for Hard Disk Lock x 2
- Screw Pack x 1 (for Wall Mount Bracket)
- GV-NVR Dongle for third-party IP Camera Connection (Optional)
- GV-Mobile NVR System Quick Start Guide x 1
- GV-Mobile NVR User's Manual x 1
- Surveillance System Software DVD x 1
- Recovery DVD x 1