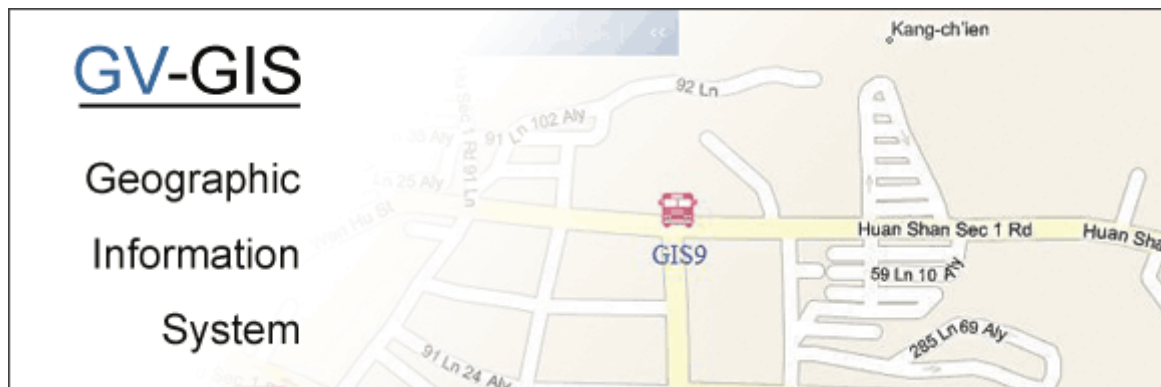




## INTRODUCTION

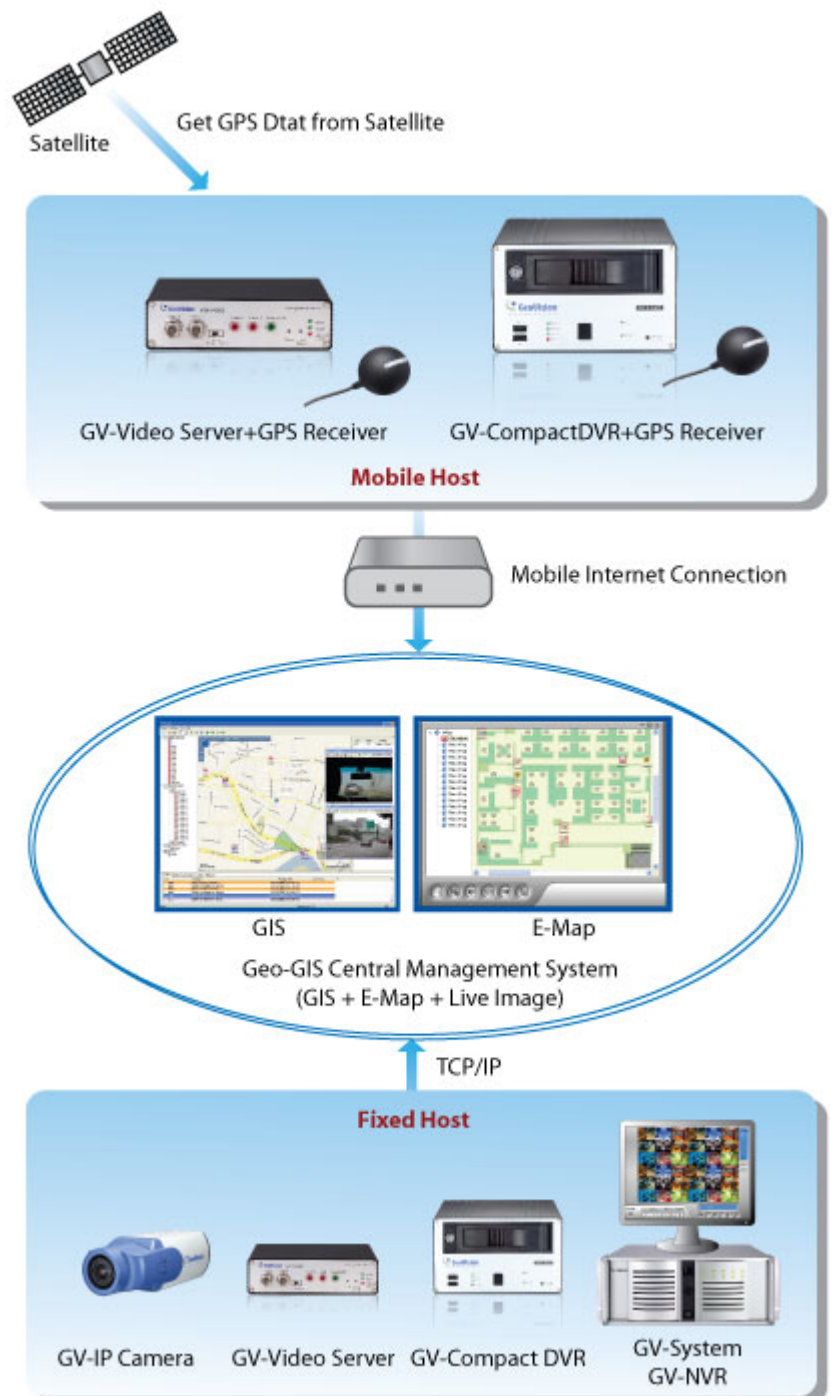
The GV-GIS is a GIS (Geographic Information System) based central management system for GeoVision devices.

The vehicle tracking and remote location verification from the GV-GIS is made possible by the GPS receiver attached to GV-Video Server and GV-Compact DVR to constantly obtain the GPS data (vehicle coordinates and speed) from the satellite, and through mobile internet connection (e.g. UMTS, EV-DO, EDGE, GPRS, GSM, etc) to transmit the GPS data to the GV-GIS.

Besides real-time vehicle tracking, you can also monitor the location of cameras and the status of I/O devices from the DVR and NVR, without GPS functions for city surveillance.

## Features

- GIS central management system
- 500 vehicles tracking at one time
- Real-time vehicle GPS coordinates
- Real-time vehicle video image
- Google Maps, Microsoft Virtual Earth and user-defined maps support
- GPS Tracks playback
- Detour Detection
- Idle Speed Detection
- Over Speed Detection
- E-Map Support
- Motion and Input-triggered alert for fixed hosts
- Customized landmark (interested points) setting
- Integration with GV-I/O Box, GV-Video Server, GV-Compact DVR, GV-IP Camera, GV-System and GV-NVR
- GIS Web Interface for remote monitoring and tracking



## MINIMUM SYSTEM REQUIREMENTS

| Standard Version |       |                                                                                                    |
|------------------|-------|----------------------------------------------------------------------------------------------------|
|                  |       | <b>10 Mobile-Host Map Views</b> <b>10 Mobile-Host Map Views with up to 10 Megapixel Live Views</b> |
| OS               | 32bit | Windows XP, Windows Vista, Windows 7, Windows Server 2008                                          |
|                  | 64bit | Windows 7, Windows Server 2008                                                                     |
| CPU              |       | Pentium 4, 3.0 GHz with HT      Core 2 Quad 8300, 2.5GHz                                           |
| Memory           |       | 2 X 512 MB Dual Channels      2 X 1 GB Dual Channels                                               |
| Hard Disk        |       | The hard disk space required to install GV-GIS (Standard Version) must be at least 1 GB.           |
| VGA              |       | NVIDIA GeForce 8600GT or ATI Radeon X1650                                                          |
| Direct X         |       | 9.0c                                                                                               |
| Browser          |       | Internet Explorer 7.X                                                                              |
| Software         |       | .Net Framework 3.5                                                                                 |
| Hardware         |       | External or Internal GV-GIS Dongle                                                                 |

| Advanced Version (Up to 500 Mobile Hosts) |       |                                                                                                    |
|-------------------------------------------|-------|----------------------------------------------------------------------------------------------------|
|                                           |       | <b>16 Mobile-Host Map Views</b> <b>16 Mobile-Host Map Views with up to 16 Megapixel Live Views</b> |
| OS                                        | 32bit | Windows XP, Windows Vista, Windows 7, Windows Server 2008                                          |
|                                           | 64bit | Windows 7, Windows Server 2008                                                                     |
| CPU                                       |       | Pentium 4, 3.0 GHz with HT      Core I5-750, 2.67GHZ                                               |
| Memory                                    |       | 2 X 1 GB Dual Channels      2 X 1 GB Dual Channels                                                 |
| Hard Disk                                 |       | The hard disk space required to install GV-GIS (Advanced Version) must be at least 1 GB.           |
| VGA                                       |       | NVIDIA GeForce 8600GT or ATI Radeon X1650                                                          |
| Direct X                                  |       | 9.0c                                                                                               |
| Browser                                   |       | Internet Explorer 7.X                                                                              |
| Software                                  |       | .Net Framework 3.5                                                                                 |
| Hardware                                  |       | External or Internal GV-GIS Dongle                                                                 |

### Note:

1. DirectX and .Net Framework can be found in the Software DVD.
2. The minimum system requirements are collected by using the GV-IPCam 1.3M for test, and may vary based on connected IP device models

## Specifications

| Feature          | Amount                                             | Device                                                                                                                                                                       |
|------------------|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Mobile Host      | Up to 500 hosts<br>depending on the Dongle in use) | GV-Video Server<br>GV-Compact DVR                                                                                                                                            |
| Fixed Host       | Unlimited                                          | GV-DVR/NVR, GV-Video Server, GV-Compact DVR<br>GV-IP Cam, GV-Speed Dome, GV-Smart Box<br>GV-I/O Box 8/16 Ports (Ethernet Module), GV-LPR<br>GV-DSP LPR, 3rd-party IP devices |
| I/O Module       | 9 units                                            | GV-I/O<br>GV-I/O Box (4/8/16 Ports)                                                                                                                                          |
| Live View        | 16 views                                           | Mobile Hosts + Fixed Hosts                                                                                                                                                   |
| Map View         | 16 views                                           | Mobile Hosts                                                                                                                                                                 |
| Marker           | Unlimited                                          |                                                                                                                                                                              |
| ViewLog          | 1                                                  | Remote ViewLog program required to be installed                                                                                                                              |
| Instant Playback | 1                                                  |                                                                                                                                                                              |