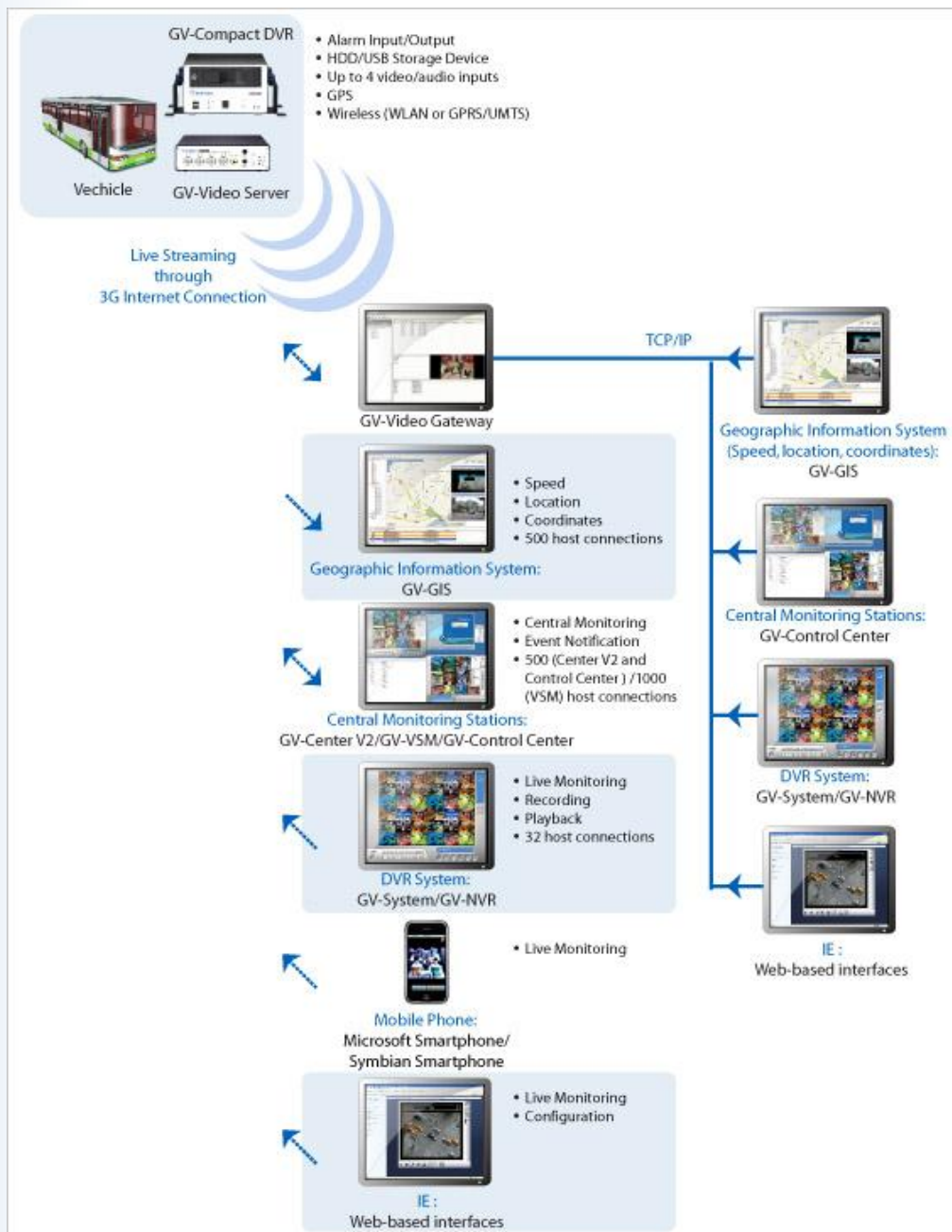




GeoVision Inc. develops GV-Compact DVR and GV-Video Server in mobile DVR solutions to meet your demands for passenger safety, vehicle security and management.

Not only do the mobile DVR solutions own the video surveillance technology that GeoVision is famous for but they are scalable and flexible to work in conjunction with the geographic information system, centralized monitoring stations, DVR/NVR systems and mobile phone monitoring. The following diagram illustrates how all these applications work together.

**Diagram**



**Note:** The right arrow on the diagram indicates the direction of video streaming. The left arrow indicates the video request to the GV Mobile DVR

### ➤ **Friendly User Interface**

GV Mobile DVR solutions support the web-based interface or on-screen-display (OSD) menu which are easy to configure and operate the system.

**GV-Video Server:** supports the Web-based interface.

**GV-Compact DVR:** supports the Web-based interface and OSD menu.

### ➤ **High Quality Image**

GV Mobile DVR solutions provide high resolution image for evidence and tracing. The recorded video reaches a resolution of 720 x 480 / 720 x 576 at 30 / 25 fps per channel.

### ➤ **Reliable Performance of Anti-Vibration Design**

**GV-Compact DVR** withstands severe shock and vibration conditions with its special anti-vibration design and provides a reliable recording performance.

### ➤ **GPS Maps**

GV Mobile DVR solutions support GPS functions for vehicle tracking and location verification on Google or Microsoft Virtual Maps. The GPS Maps can be accessed easily from any GV-Video Server or GV-Compact DVR web-based interface, or through the GV-GIS software. Integrated with the GV-GIS, the GV Mobile DVR solutions allow transportation officials for fleet management, such as tracking route efficiency, idle time and observing when a vehicle was at a particular pick up point.

### ➤ **Centralized Monitoring and Management**

GV Mobile DVR solutions are scalable and flexible to work with a wide range of centralized monitoring and management systems for video review and analysis. The centralized systems or software we provide include Central Monitoring Stations (GV-Center V2, GV-VSM, GV-Control Center), Geographical Information System (GV-GIS) and DVR Surveillance Systems (GV-DVR/GV-NVR).

### ➤ **Playback**

Recordings can be instantly played back on any computer installed with GV-Remote ViewLog player.

### ➤ **Archiving**

The recordings and GPS data are stored in USB mass storage devices or SATA hard disks.

### ➤ **Free Dynamic DNS Service**

GV Mobile DVR solutions provide free dynamic DNS service which always directs a dynamic IP address to the same domain name. The service is helpful when the IP address of your Mobile DVR assigned by DHCP server or ISP (in xDSL connection) is changeable.

### ➤ **Video Gateway**

In case that your 3G wireless Internet module (e.g. GPRS/UMTS) cannot obtain a public IP address from ISP, GV Mobile DVR solutions provide **GV-Video Gateway** to overcome the IP issue.

### ➤ **Centralized Storage**

GV Mobile DVR solutions provide secure and affordable remote backup software for your Mobile DVR units over the network. The software **GV-Backup Center** can be installed in a professional storage system or a standard computer. The other copy of video files and system logs will be transferred automatically to the dedicated system or computer for the backup of video files and system logs





## Applications

1. Commercial Vehicle
2. Public Bus
3. School Bus
4. Taxi
5. Police Car
6. Mass Rapid Transit
7. Mass Transit Railway

## Benefits

1. High image quality
2. Increase passenger safety
3. Deter Defiant Behavior
4. Reduce liability claims
5. Enforce company policy

## Items required in the development of Mobile DVR solutions

1. **GV-Video Server** or **GV-Compact DVR**
2. **Wireless module:** WLAN or 3G wireless Internet module (e.g. UMTS)
3. **GPS tracking:** GPS receiver (GV-GPS UART or GV-GPS 232 Receiver) and GV-GIS software
4. **Centralized management and monitoring:** GV-Center V2 / GV-VSM / GV-Control Center / GV-DVR / GV-NVR software
5. **Centralized storage system:** GV-Backup Center software
6. **GV-Vide Gateway:** overcomes the public IP issue with 3G wireless Internet module