

GPS GPRS Tracking System



Main Features on GPS device

1. **Positioning and Tracking:** Locate vehicles and get working status by on-line Positioning Platform or the cell phone at times. You can choose the Positioning Platform by yourself.
2. **Triggering Emergency Alarm:** When there is an emergency happened on the vehicle, you can put on the button and the installed unit will call to the authorized numbers.
3. **Remote controlling oil and circuit:** you can control the oil and circuit via the unit by SMS anywhere and anytime.
4. **Remote Monitoring:** Call the phone number in the unit, then you can monitor the sound around 5 meter anywhere and any time.
5. **Movement Alert:** Send SMS to the unit to start the movement alert function. When the vehicle is moved, the unit will send the movement alert to all authorized numbers.
6. **Over speed Alert:** Send SMS to the unit to start the movement alert function. When the vehicle is over speed, the unit will send the over speed alert to all authorized numbers.

7. **Geo-fence:** Set up a geo-fence for the unit to restrict its movements within a district. The unit will send the message to all authorized numbers when it breaches the district.

8 the unit: send SMS to resume the default of unit.

9. **Auto Track:** You can set up auto track by SMS or on-line positioning platform.

10. **Mileage statistics;** ACC checking; cutting off power and alarm.

11. Compatible with the original anti-theft alarm: It will send SMS alarm after the original anti-theft alarm warning. 12. Support 1CH user-defined alarm trigger and link with the original car alarm

Optional features

Remote control is optional to add for arm/disarm the GPS tracker to use as car alarm

Connect with camera to ask picture to monitor platform

Fuel sensor is available to add to monitor the oil use status

Car display is optional to connect with GPS tracking system

On Software for Online Monitoring Center

Route data savings

Ability to retrieve trip data & compared it to the original one.

Monitoring from digital maps, online monitoring

Application

- Vehicle rental / Fleet management etc
- Protect wealth etc
- Provide peace-of-mind for businessmen
- Manage personnel

Specification

Working voltage	9V -- 33V DC
Working current	30 mA --60 mA (DC)
Backup battery	500 mAH
Size	73×45×18.5mm
Weight	0.19kg
Working temperature	-20°C --80°C

Working humidity	5% -- 95%
GSM frequency range	850MHz / 900MHz / 1800 MHz / 1900 MHz
GPS module	Sirf III
GPS sensitivity	-159Db
GPS frequency	1575 MHz
Positioning accuracy	< 10m (95%)
Cold start	< 48s(Average value)
Hot start	< 8 s (Average value)

Packing List

Name	QTY	Photos	Function
GPS vehicle tracker main unit	1PCS		Main Unit
GSM antenna	1PCS		Receiving GSM signal
GSM antenna	1PCS		Receiving GPS signal
Relay	1PCS		For cutting off oil and electricity
6 pin cables	1PCS		Power cable, Connection cable

Microphone	1PCS		Monitoring/Listen in
Emergency button	1PCS		Meet emergency, send help to the center

Introduction of online monitoring platform



Brief Introduction

GPS global positioning platform which have CS version and BS version. The user can track online and it is compatible for all of our personal tracker, vehicle trackers and security alarm products. It is widely used for personal, vehicle, car management team and enterprise management.

On the platform, You can add new user and equipment, manage the equipments, real-time tracking, playback the tracking history, geo-fence, the platform can directly send command to the device, all kinds of statistics, search the equipment and edit the user or device info,etc. Operations.

Platform Advantage

- 1, CS and BS can be compatible at the same time: Car team, company etc, can use the CS real-time, centralized management. The personal user can login BS version and location tracking via PC, IPAD, mobile phone etc at any time and anywhere.
- 2, Support multi-language: when you log-in the platform, you can choose different country language, it support Chinese and English at present.
- 3, Different level user management: platform support three levels of user: administrator, agents and

users. Different authority users have the different access control.

- 4, Real-time monitoring: real-time monitor the equipment on platform, such as real-time tracking, playback track, geo-fence and send commands etc.
- 5, Statistical forms: Platform can noted systems statements, alarming statements, tracking history statements, mileage statements etc. statistical collect function.
- 6, User management: the higher level user can manage the lower level user, edit and revise the user information.
- 7, Equipment management: Every level user can manage the equipment belongs to them.
- 8, Photo taking function: Can connect the camera to the equipment, then take photos from remotely control.
- 9, Advertisement released function: Can connect the LED advertisement screen of equipment and release the message from remotely control.

Platform functions

- 1, Add equipment: Directly add new equipment on the platform
- 2, Real time location: Check car's real-time location by user's request.
- 3, The last position: Check the information which terminal upload the latest time.
- 4, Real-time tracking: Real-time tracking equipment and connected by a line
- 5, Real-time monitor: Real-time upload the equipment's newest location information
- 6, Playback tracking history: playback the tracking history of the terminal moving situation.
- 7, Geo-fence: Convert driving range to electronic fence, support rectangular, circular, polygon area.
- 8, Real time taking photos: Real-time taking photos of designated vehicles
- 9, Remotely monitor/listening: At an emergency situation, directly dial in the SIM card number of equipment to listen the sound.
- 10, Statement statistics: Support historical alarm statements, historical tracking statement, operation record statements, terminal online statements, driving record statements, mileage statements, etc.
- 11, Over speed alarm: When the speed is over the company pre-set upper limit, it will send alarm.
- 12, Idle speed alarm: When the speed is lower than the company pre-set lowest limit, it will send alarm.
- 13, Trailer alarm: If the vehicle was moved when the vehicle engine(ACC) is not started, it will send alarm.
- 14, Cut off electricity alarm: when vehicles external power supply is cut off , it will send alarm.
- 15, The border crossing alarm: when vehicles get into/out of the area which user prohibited entering, the car terminal will report alert to the center.
- 16, Emergency alarm: when driver have an emergency, he press the alarm button, the center can cancel it by manual intervention.
- 17, Send commands to terminal: Terminals parameter setting, such as upload interval time, arm, disarm etc.

Demo Link

Web version online tracking server: <http://124.232.150.158> **User name: demo Password: 1234**