



GPS Tracker
- RS 1030/1060 -
GSM/GPRS



Product Specification

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Shenzhen Roadsay Technology Co., Ltd.

<http://www.roadsay.com>

Overview

RS1030/1060 is a personal remote position device with built-in GPS and GSM/GPRS modules. It is a compact size, high accuracy remote location tracking device. Based on GPS satellite, it provides accurate position information under dynamic conditions. Personal remote position device transmits the longitude and latitude coordinate to authorized cell phone.

You can use these features for protecting and searching for children and old persons. You can also use it as a security device as well as for asset protection and animal tracking where you need remote positioning. Further, you can use it as a security purpose and other purpose which needs remote positioning such as asset protection and animal tracking.



RS1030



RS1060

Feature

- ◆ Built-in GPS personal locator.
- ◆ GSM /SMS communication or GPRS TCP/UDP connection .
- ◆ Works worldwide! Support 3-frequency GSM 900/1800/1900 MHZ
And 4-frequency GSM 850/900/1800/1900 MHZ.(Optional)
- ◆ High sensitivity, new technology and latest GPS SiRF-Star III chipset!
- ◆ Compact size, and smaller than one name card. Easy to hide,
- ◆ Fast Signal Acquisition
- ◆ Support single location and continuous tracking
- ◆ Support location triggered by tracker
- ◆ Support location triggered by authorized cell phone
- ◆ Support alarm and remote monitor(include over speed alert, low battery alert, SOS alarm, blind area alert, power on alert, etc.)
- ◆ Support quick dialing buttons for 3 preset phone numbers
- ◆ Support check location by SMS and GPRS
- ◆ Support automatically saving power
- ◆ Monitors can track the person without interfering him, Real-Time tracking!
- ◆ Locate the locator holder by the mobile phone via SMS (SMS system).
- ◆ SOS button send out exact location for immediate rescue/action.
- ◆ Geo-fencing to restrict movement to a defined radius.
- ◆ No monthly service charges to be paid to the call center

Extend function(*only applicable for RS1060*)

- Build in speaker and microphone, Support Two-Way conversation without ear microphone (hand-free);
- Build in motion sensor for power saving
- Build in motion sensor for vibration alarm
- Voice monitoring function (wiretapping)
- Removable internal battery

Optional accessory

- USB configuration cable for parameter setting by PC tool
- Optional magnetic mount
- With optional external battery (work for 7 days) ;
- DIY Tracking! Working with RoadSay's SMS modem , RoadSay's GPRS software kits and PDA tracking kits, customer can watch the position and trace of their object on the map real-time automatically at very low cost,without monthly payment , without any manual input. Support almost all navigation map ,include Google earth.

Specification

GSM module	Embedded GSM 900/1800/1900Mhz Embedded GSM 850/900/1800/1900Mhz (Optional) And GPRS TCP/UDP
GPS Chipset	latest GPS SiRF-Star III chipset
GPS Sensitivity	-158Db
GPS Frequency	L1, 1575.42 MHz
C/A Code	1.023 MHz chip rate
Channels	20 channel all-in-view tracking
Position Accuracy	10 meters, 2D RMS
Velocity Accuracy	0.1 m/s
Time Accuracy	1 us synchronized to GPS time
Default datum	WGS-84
Reacquisition	0.1 sec., average
Hot start	1 sec., average
Warm start	38 sec., average
Cold start	42 sec., average
Altitude Limit	18,000 meters (60,000 feet) max.
Velocity Limit	515 meters/second (1000 knots) max.
Acceleration Limit	Less than 4g
Jerk Limit	20 m/sec
Operating temperature	-25° to 65° C
Humidity	5% to 95% Non-condensing
Dimension	76 mm × 44mm × 20 mm(13mm) ----
Weight	75 g
Voltage	Rechargeable and replaceable 1200 mAh battery (3.7V)
Charging connector	DC 5V (Mini USB port)
Standby time	Over 60 hours (Sleep Mode)
LED	3 LED indicating Power, GPS and GSM status and other operation status.
KEY	SOS Emergency key, quick dial key B , quick dial key C , Power key