

GP4000A Dual SIM vehicle GPS tracker

Introduction:

GP4000A is upgraded from GP4000 for the customization requirements of dual sim card, it support 2 sim cards at the same time, and can switch from one sim card to the other automatically if the current network failed.

GP4000A has been widely used for fleet management in the unstable network area and cross-border application.

Features:

1. Dual SIM Card Supported
2. Low power consumption, wide range power input
3. Intelligent multi-mode for data uploading, angle data uploading supported
4. Build-in 3D G sensor for harsh braking, and more customized application.
5. Road and polygon shaped Geo-fence supported,
Alarm for road deviation, road speeding, zone speeding, zone over time parking is available.
6. More than 20 alarms are available (SMS, GPRS)
7. More than 10 kinds of external devices are supported, excellent redevelopment frame.
8. 43,200 pieces history data, with feature of broken-point continuingly-transferring.
9. OTA

Specification:

| Type | Description | |
|--|--|---|
| Basic function | Transmission Mode | TCP/UDP/SMS |
| | Data upload | Time interval / Distance interval / Angle change |
| | Data flow control / Power saving mode | Factory Setting / Define by user / GPS module power off |
| | Intelligent time management of data uploading | Time reference / Week Reference / Day Reference |
| | Motion detection | Build-in 3D G sensor |
| | OTA | broken-point continuingly-transferring |
| | Mileage Statistics | GPS mileage / electronic mileage |
| | Remotely Listen-in | Active / Passive |
| | Geo-fence | 64 |
| | Road / Polygon zone Geo-fence | 100 |
| | Hotspot | 100 |
| | Alarm type | GPRS/SMS/EMAIL |
| | Domain name supported / build-in backup IP supported | |
| | Blind area data uploading / history data intelligent uploading (43,200 pieces) | |
| | GPS open/short circuit detection / GPS signal uploading in real time. | |
| Self-check, self-recovery, self-protection, build-in back up battery | | |
| Alarms | 20 kinds | |
| Alarm function | Enter/Exit Geo-fence alarm, overtime parking alarm, fatigue driving alarm, over speed alarm, SOS (panic button) alarm, backup battery starting alarm, illegal ignition alarm, harsh braking alarm, vehicle sliding in neutral gear alarm, fuel level change alarm, seat belt unfasten alarm, vibration alarm, tow alarm, hotspot alarm, deviation from the route alarm, over speed in certain road alarm, over speed in zone alarm, late alarm, earlier arrival alarm, temperature change alarm, tire pressure change alarm. | |
| External Devices | MDT (dispatching board) | Two way voice/SMS communication, dispatching. |
| | Camera | |
| | RFID | |
| | High precision fuel level sensor | |
| | Tire pressure monitoring sensor | |
| | Temperature & Humidity sensor | |

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| | Numeric keypad | |
| | Taxi meter | |
| | Two way voice box | |
| | Magnetic door sensor | |
| | Mixer drum sensor | |
| Control Function | Remotely cutting off the fuel pump / 5 output control define by user | |
| I/O Port | 6 Switch signal input | |
| | 1 Analog signal input (0-5v) | |
| | 1 pulse signal input (<3.8v,2KHZ) | |
| | 5 switch signal output | |
| | 1 RS232 Serial port | |
| Parameters | Dimension (L×W×H) | 121×82×29mm |
| | Weight | 850g (with standard accessories) |
| | Working current | 60-100mA |
| | Working voltage | 10-30V |
| | Backup battery | 8.4V 400mAh NI-MH battery |
| | GPS chip | SIRF Star III |
| | GSM | 850/900/1800/1900 Mhz |