GP4000 Intelligent Vehicle GPS Tracker

Introduction:

GP4000 is intelligent vehicle GPS tracker with high performance but competitive price, its stable performance has been strictly tested over 55 countries under different applications.

It has been widely used in remote monitoring of logistics fleet, mixers, refrigerator trucks, taxies and construction machines

The feature of 8 I/O signal input, 6 signal output, 1 RS232 serial port, more than 10 kinds external devices supported, enable GP4000 to be used in different vehicles and applications.

Features:

1. Low power consumption, wide range power input

2. Intelligent multi-mode for data uploading, angle data uploading supported

3. Build-in 3D G sensor for harsh braking, and more customized application.

4. Road and polygon shaped GEO-FENCE supported,

    Alarm for road deviation, road speeding, zone speeding, zone over time parking is available.

5. More than 20 alarms are available (SMS, GPRS)

6. More than 10 kinds of external devices are supported, excellent redevelopment frame.

7. 43,200 pieces history data, with feature of broken-point continuingly-transferring.

8. 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	
	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）	103×71×26mm
	Weight	750g（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