

# 4G GPS Vehicle Tracker

## User Manual

V1.1



Thanks for your purchase of UniGuard GPS Tracker. Please read the manual carefully. Any questions, free to contact us.

## ◆ Specifications

Content	Specs.
Dim.	90*52*21mm
Network	LTE/GSM/GPRS
Frequency(4G+2G)	LTE-FDD B1/B2/B3/B4/B5/B7/B8/B28/B66 (depends on version) GSM :850/900/1800/1900Mhz
Module & Chipset	SIMCom LTE Cat 1 Module A7670 Series+AT6558R
GPS channel	66
Tracking sensitivity	-165dBm
Location accuracy	<5 meters CEP
Time To First Fix(open sky)	Cold status <35s. Hot status <1s
Working voltage	9-90VDC
GPRS Protocol	Class12, TCP/IP
Operating temp.	-20°C to +70°C
Back up battery	80mAh /3.7V Li-Polymer battery
Standby & Working consumption	5mA~50mA
GSM / GPS antenna	Built-in
G-Sensor	Support
Memory storage	2000 data
Ignition status detection	Support
Micro USB interface	Flash firmware/Configuration
Configuration Mode	PC – USB/GPRS /SMS
OTA	Support
Power interface	3PIN version

## ◆ SIM Card Installation

- 1 Prepare SIM card with GPRS data, SMS and Call enabled for testing purpose.
- 2 Pull the cover and Insert SIM card
- 3 Put device at open place, out of house.



## ◆ Signal Light

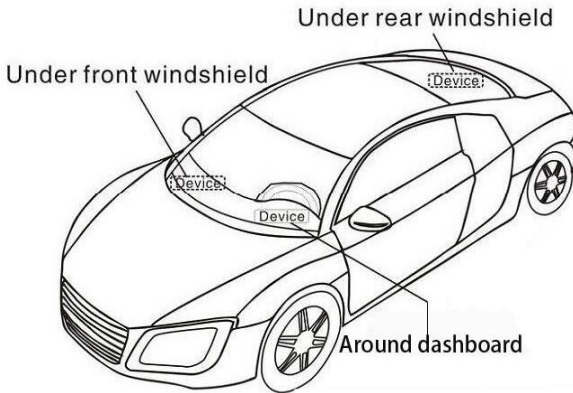
LED Type	LED Status
GSM Light (Yellow)	OFF: GSM module abnormal or Sleep
	ON: Device GPRS Online
	Flashing: Searching Signal
GPS Light (Blue)	OFF: GPS module abnormal or Sleep
	ON: Device GPS Located
	Blink every 1 sec: Device not located
	Blink every 2 sec: WIFI signal

## ◆ SMS Commands

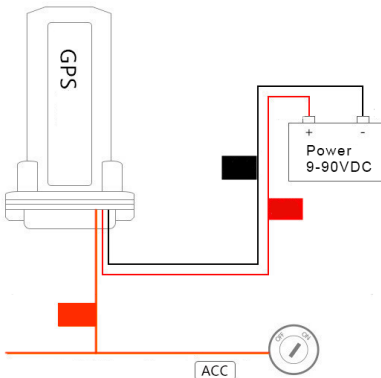
Functions	SMS Command Format	Command Reply
Check Setup	CXZT	ID, IP, Port, GPS, GSM, etc.
Set IP and Port	IP <a href="http://www.gpspos.net">www.gpspos.net</a> 6006	IP OK
Set APN	NAPN=cmnet,,	APN SET OK
Restart	CQ	CQ OK
Overspeed	SZCS#speed=80	SetOK:speed=80
GPRS interval	SZCS#FREQ=30	SETOK:FREQ=30

## ◆ Installation Attentions

Metal shall shield or weaken GPS signal. Avoid metal area while doing installation.



## ◆ Wiring Diagram



## ◆ Web Platform GPS Tracking Software

website: [www.gpspos.net](http://www.gpspos.net)

APP: GPSPOS

Search and Download from Google Play and Appstore

Default login ID is device serial number, default password is 123456

## ◆ Guarantee Card

Name		Phone	
Purchase Date		IMEI	