



# **4G GPS Tracker**

## **G06L User Manual**

For Vehicle/Motorcycle/Scooter



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## 1. Features

- ◇ Real-time tracking by APP/Platform
- ◇ Movement/Ignition on/off alarm
- ◇ SOS alarm/speeding / ACC detection
- ◇ Power Cut alarm with internal battery
- ◇ Angle change update location
- ◇ Memory storage when signal lost
- ◇ Set flexible sleep mode
- ◇ Set GPS not drifting after parking
- ◇ Set Less GPRS data mode
- ◇ Set Driving behavior monitoring
- ◇ Remote controller set arm or disarm (Optional)
- ◇ Remote controller cut fuel or resume (Optional)
- ◇ Remote controller find car (Optional)
- ◇ Disable fuel or electricity (Optional)
- ◇ Vibrate/ACC alarm trigger speaker sound (Optional)
- ◇ Welcome customization Shell or function

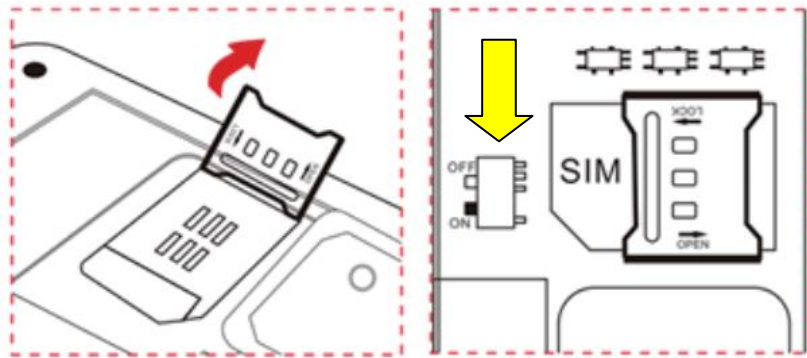
## 2. Specs.

Content	Specs.
Dim.	85*45*17mm
Network	LTE/GSM/GPRS
Frequency(4G+2G)	LTE-FDD B1/B2/B3/B4/B5/B7/B8/B28/B66 LTE-TDD B34/B38/B39/B40/B41 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	200mAh /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	8 PIN or 4PIN version

## 3. Install SIM Card

- Preparation: insert 4G SIM card with activated GPRS data; Make sure SIM card with full balance; If SIM card with PIN code, must remove it advance.
- Open back cover, switch ON/OFF button to “ON” place.

**Reminder:** make sure inserting SIM card firstly, then power on device, otherwise it maybe lead to recognize SIM failed.

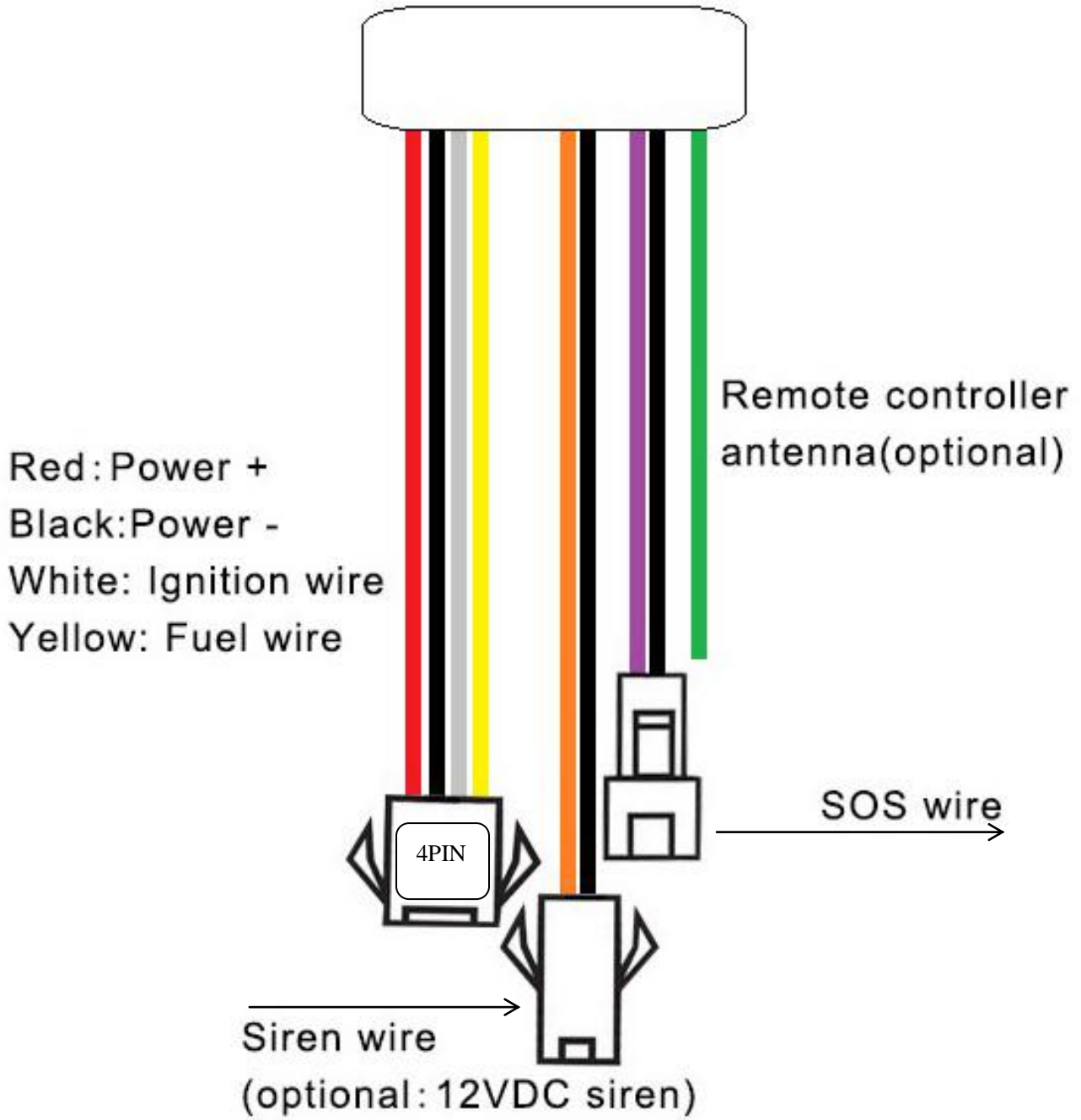


#### 4. Device light description

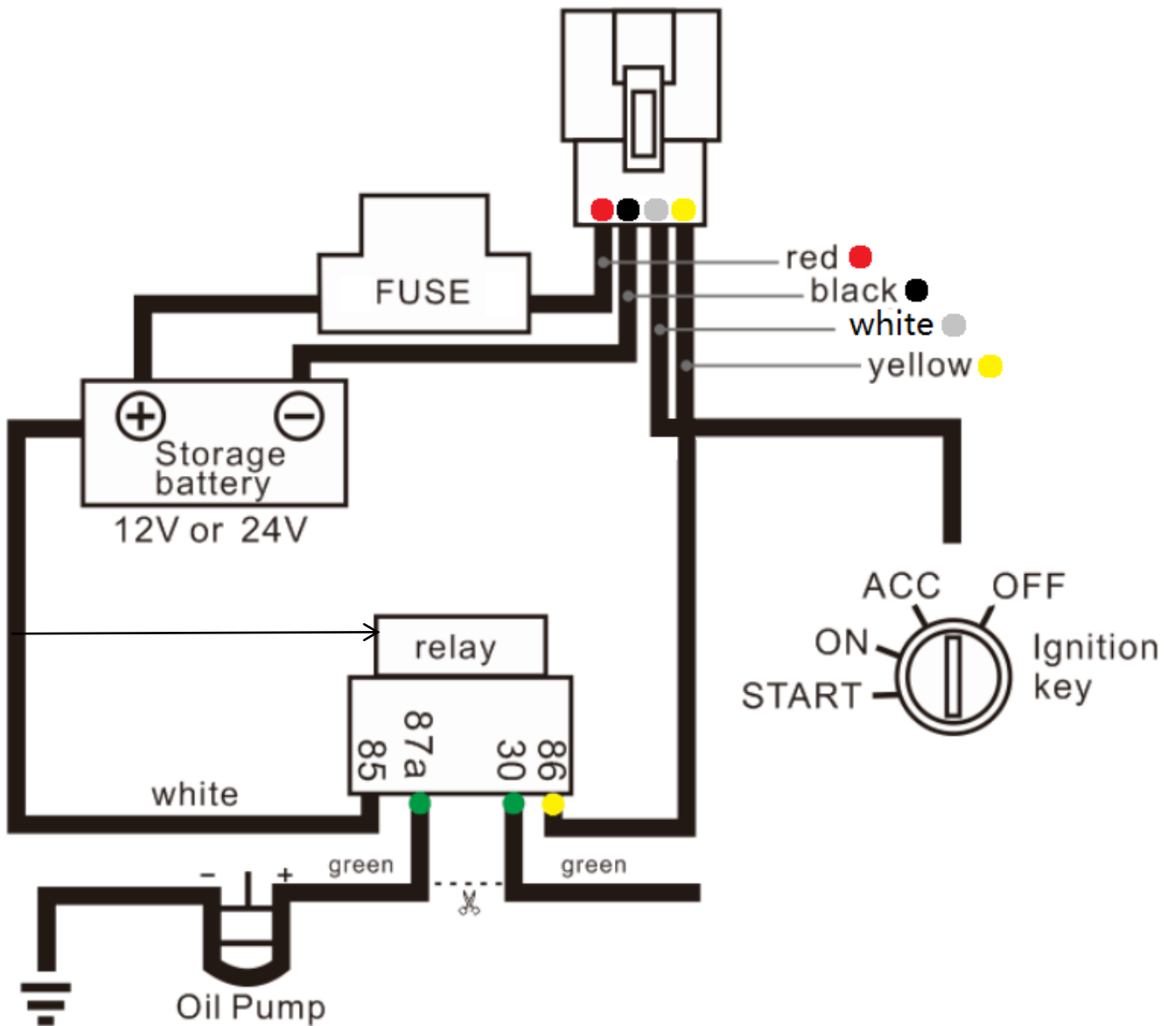
Light	Signal	Flashing	Always on
Green	GSM signal	flashes every 3s after connected server	No LTE network
Blue	GPS signal	flashes 3 times per second if GPS located	NO GPS signal



### 5. Wires connection



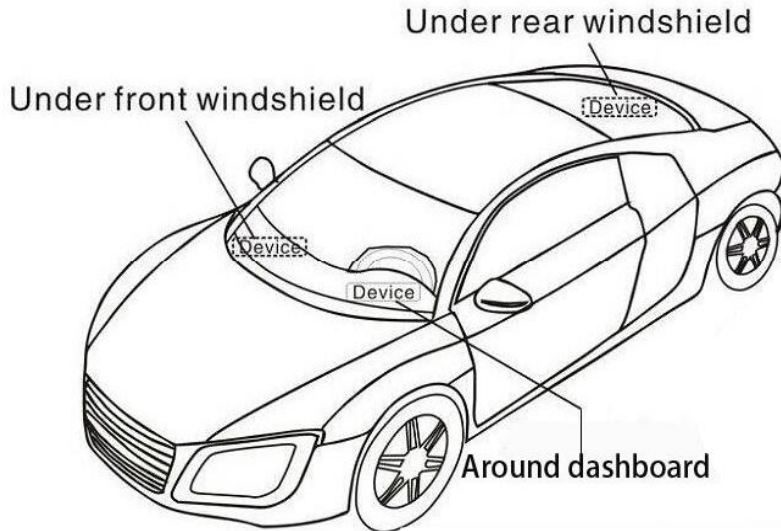
4PIN SOCKET Wiring Diagram





## 6. Installation

The device has built-in GSM and GPS antenna, make sure front side upward and there is no metal shield



## 7. Command List (Device different wires socket has different function)

Note: All Alarms only will be sent to admin Number Only

Command	Function
apn123456(space)APN(space)APNname(space)APNpassword	Set APN
adminip123456(space)www.gps2828.com(space)7018	Set IP Port
password123456(space)888888	Change password
smslink123456	google link
fix020s060m***n123456	Set upload interval,moving at 20s, stopping at 60mins



Find123456	Send command siren sound 10s
ANGLE123456(space)30	Set angle change upload interval 30 degree
acc123456	ACC ON OFF alarm
noacc123456	Cancel ACC ON OFF alarm
acc123456(space)1	Activate ACC ON alarm via speaker sound
acc123456(space)0	Cancel ACC ON alarm via speaker sound
quickstop123456	Set fast cut fuel mode
noquickstop123456	Set delayed cut fuel when speed less than 20km/h(default)
stop123456	Cut fuel to stop car
resume123456	resume fuel
arm123456	Set arm mode when ACC OFF
disarm123456	Cancel arm mode
silent123456	Silent mode(speaker not sound but send SMS alarm)
lowbattery123456(space)on	Activate Low battery alarm(default)
lowbattery123456(space)off	Cancel Low battery alarm
extpower123456(space)on	Activate device removal alarm(default)
extpower123456(space)off	Cancel device removal alarm
move123456(space)0200	movement alarm(200meters)

nomove123456	Cancel movement alarm
vibrate123456 (space)1	Activate vibrate alarm
vibrate123456(space)0	Cancel vibrate alarm(default)
sensitivity123456(space)1	Set vibrate level 1
sensitivity123456(space)2	Set vibrate level 2
sensitivity123456(space) 3	Set vibrate level 3
sleep123456(space)on	GSM/GPS sleep when vehicle parking
sleep123456(space)off	Cancel sleep mode(default)
suppress123456	Activate GPS drifting during parking
nosuppress123456	Cancel GPS drifting
check123456	Check device parameters
IPAPN123456	IP APN Checking
time(space)zone123456(space)-5	Set timezone west timezone 5
reset123456	Reset device
KC123456 0	Cancel alarm
KC123456 1	GPRS alarm (default)
KC123456 2	GPRS+SMS alarm
KC123456 3	GPRS+SMS+call alarm
admin123456(space)15018500598	Set admin number
noadmin123456(space)15018500598	Delete admin number
authnum123456	Check admin number

forward123456(space)10086	SIM Card Balance Enquiry: eg, set operator number 10086
balance123456(space)10086(space)ye	SIM Card Balance Enquiry: eg, set operator code ye
drv123456(space)X	X:0, driving status judge via ACC or Vibration(default) X: 1, driving status judge via ACC
Less(space)gprs123456(space)on	Device will stop connect server enter deeply sleep after stop 5 mins or ACC off; when driving or ACC on again will wake up device.
Less(space)gprs123456(space)off	Default
begin123456	Back to factory settings, but can't erase ip port apn

## 8. Arming

### 1) Arming by SMS

SMS command: arm123456

Tracker will automatically activate the ACC, shock sensor alarm to enter into arming state.

If the ACC is on or Door not closed, tracker cannot enter into arming state, and will reply "set up fail! pls turn off ACC".

### 2) Arming with remote control (Optional)

Press key for 1 time, the car enters into arming state and the siren will beep one



time, no SMS message notification. If the ACC is on or Door not closed, tracker cannot enter into arming state.

## **9. Silent Arming**

### **1) Silent arming by SMS**

SMS command: silent123456

After tracker enters into the silent arming state, the siren doesn't sound even if an alarm is triggered, but tracker will send alarm notification to authorized numbers.

### **2) Silent arming with remote control**

Press key in disarm state for 1 time, the siren will beep one time, tracker will enter into silent arming state, the siren doesn't sound even if an alarm is triggered, but tracker will send alarm notification to authorized numbers.

## **10. Disarming**

### **1) Disarming by SMS**










SMS command: disarm123456

After disarming, the shock sensor and ACC alarm will be deactivated, and these alarms won't be triggered any more.

### **2) Disarming with remote control**

Press on for 1 time, tracker will enter into disarming state, siren beeps two times, no SMS message notification.

## 11. Function of Remote Controller (optional )

Button	Function	Description
	ARM	Press  for 1 time, siren will beep 1 time Long press button cut engine, siren will beep 3 times
	DISARM	Press  for 1 time, siren will beep 2 times Long press button resume engine, siren will beep 4 times
	SOS	Press  for 3s, tracker will send SOS alert to admin phone number.
	Deterrence/car search	Press  for 3s when it is in arm state, siren will beep 10s, press  disarm button to quit.


## 12. Alarm sound via speaker in arming state

### 1) ACC (Ignition) alarm

Tracker will send “ACC alarm + latitude / longitude” to authorized numbers every 3 minutes if the ignition of the vehicle has been switched “ON” (Key is rotated to “ACC ON” position when tracker works in arming state. The siren will beep for 20 seconds, and if the ignition is still on, then the siren will beep for another 20 seconds with 20 seconds pause, disarming to quite the alarm.

### 2) Vibration Alarm

There is a built-in three axis acceleration sensor in the tracker to detect the



movement, tilt and shock when in arming state and tracker will send “Sensor alarm + latitude / longitude” to authorized numbers, and only one message in 3 minutes when tracker works in SMS mode. Siren will beep for 5 seconds, disarming to quit the alarm.

### **13. Web platform GPS tracking software**

Website: [www.gps16888.com](http://www.gps16888.com)

Default IMEI as user name, password 123456.

Searching APP name “**SecumorePlus**” to download from play store.