

# GSM/GPRS/GPS TRACKER

## USER MANUAL

(TK100B)



Welcome purchasing the Accurate-Pro, please read user manual carefully

## ◆ Specification

Content	Specs.
Dim.	97 mm x 51 mm x 15 mm
Weight	80g
Chip	MTK2503AV
Network	GSM/GPRS/GPS, TCP/IP
Battery	120mAh
Band	850/900/1800/1900 Mhz
GPS sensitivity	-159dBm
GPS accuracy	10m
Time To First Fix	Cold status 45s-90s Warm status 50s Hot status 15s
Work voltage	12V-36V
Storage Temp.	-40 ℃ to +85 ℃
Operation Temp.	-20 ℃ to +55 ℃
Humidity	15%--95%
Accessory	Remote controller(optional) External horn (optional) Relay SOS Microphone Car Siren(optional)

## ◆ Main Feature

1. Real-time Tracking
2. Remote engine control
3. Two way calling
4. Geo-fencing
5. SMS inquiry
6. Car Finding
7. Anti-theft armed/disarmed
8. One key to cut fuel.
9. One key for SOS

## ◆ SIM card installation

**Please insert SIM card before turning the device power switch to on;**The SIM card need open the data GPRS service; please make sure SIM card with enough balance.

### ◆ Device light description









Color	Represents	Status
Red	Power supply	Stable light on
Yellow	GSM signal	Stable light on
Green	GPS signal	Stable light on

Note: All lights will turn off after 5 minutes, if you call the device number, lights will wake up.

### ◆ Power Wires connection

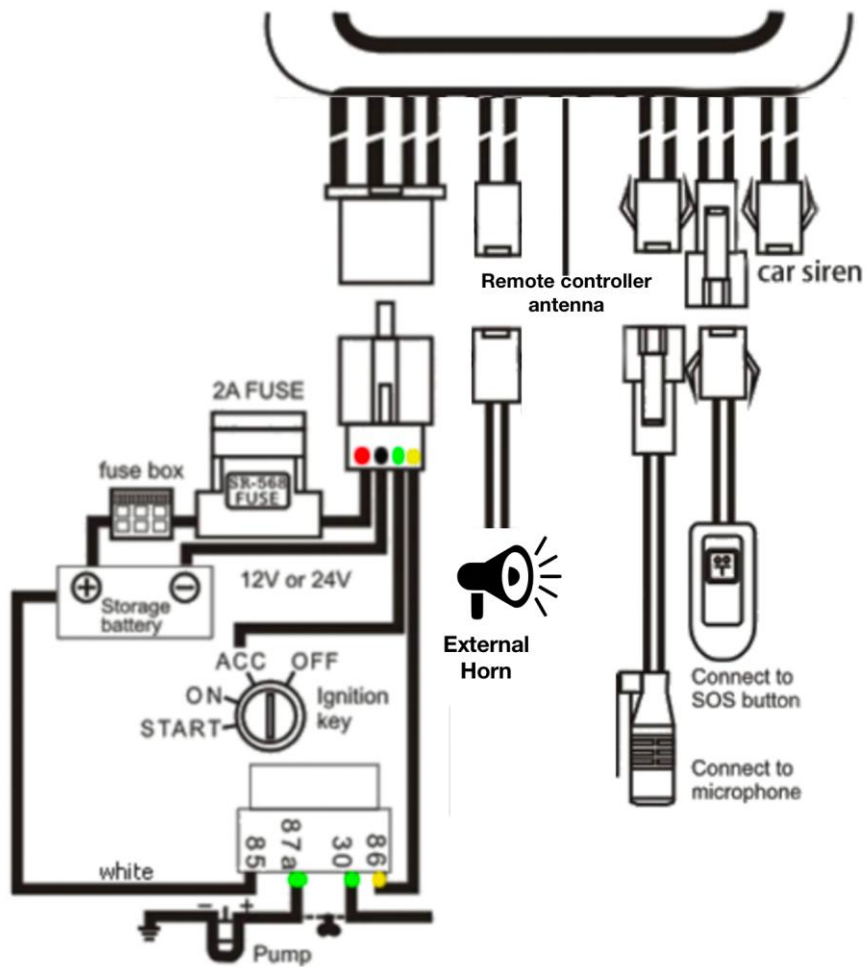
- 1) 4P power red wire connects to vehicle power positive +
- 2) 4P power black wire connects to vehicle power negative -
- 3) 4P power yellow wire connects to fuel pump or electricity control wires
- 4) 4P power green wire connects to ACC ignition wire.
- 5) Horn cable connection: Make sure black cable to black, Red to Red.
- 6) Other wires connecting to relative accessories in package. If press the SOS button 3-4 s, device will reply "SOS alarm!" to authorized number.

### Controller buttons:

Button	Function	Description
	ARM Cut fuel	Short Press  to arm (Horn beep in emergency) Long Press for 3s to cut off fuel/oil.
	DISARM Resume fuel	Short Press  to disarm (Horn beep will be cancel). Long press for 3s to recover fuel/oil.
	Mute Horn SOS	Short Press  , to turn off car finding horn beep. Long Press for 3s for SOS alarm
	Car Finding	Short Press  to activate horn honking for car finding.

### ◆ Device wiring diagram

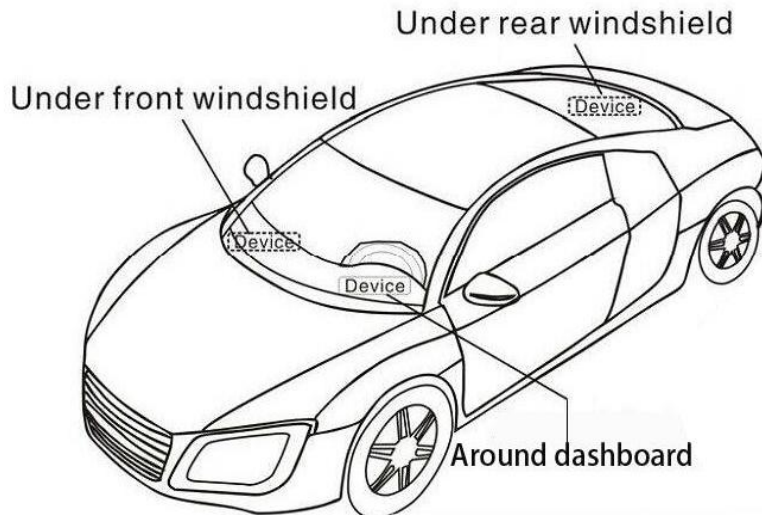
# Wiring diagram



## ◆ Installation attentions

**NOTE: device front side towards the sky.**

Installation: if the windscreen glued by metal thermal insulation layer or heating layer, it will reduce the GPS receive signal and lead to GPS work disorder.



Function	SMS Command	Example
Default password: 123456, each command must get a reply represents configure OK World APN refer to website: <a href="http://bigfun.tripod.co.uk/">http://bigfun.tripod.co.uk/</a>		
IP and Port setting	#IP#password#ip address#port#	#IP# 123456#121.201.109.14#6969#
Setting APN	#apn#password#APN content#APN user name#APN password#	#apn#123456#cmnet#
Single Locating	#smslink#password#	
Check device parameters	TCP	
Cut fuel or electricity	#stopoil#password# #stopelec#password#	#stopoil#123456# #stopelec#123456#
Recover fuel or electricity	#supplyoil#password# #supplyelec#password#	#supplyoil#123456# #supplyelec#123456#
Set Timezone	#timezone#password#direction#time zone value in hours#time zone in munites#	#timezone#123456#E#5#30#
Set password	#password#old password#new password#	#password#123456#666888#
Set overspeed alarm	#speed#password#speed number#	#speed#123456#080#
Cancel overspeed alarm	#nospeed#password#	#nospeed#123456#
Set time Interval	#at#time interval#sum#0#	#at#10#sum#0#
Resume password	#resume#	#resume#
Set admin number	#admin#password#cell phone number#	#admin#123456#13812345678#
Cancel admin number	#noadmin#password#number#	#noadmin#123456#13812345678#
Initialization	#begin#password#	#begin#123456#
Voice Surveillance	#monitor#password#	#monitor#123456#
Recover Tracker Mode	#tracker#password#	#tracker#123456#
Two-way calling	#call#password#	#call#123456#
Set ACC ON alarm	#ACC#ON#	
Cancel ACC ON alarm	#ACC#OFF#	
Arming Car	arm123456	With remote controller
Disarming Car	disarm123456	With remote controller
Car Finding Honking	find123456	
Mute horn	silent123456	With remote controller
Turn on vibration alarm	#vibrate#123456#1#	
Turn off vibration alarm	#vibrate#123456#0#	
Two-way call Mode: use phone to dial the device number, car horn or speaker rings, press SOS button to pickup the call so it can realize two-way talking function.		
Car finding horn will honk for 10s and can be muted manually.		

◆ **Web platform GPS tracking software**



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

Default IMEI as user name, password 123456.

Searching name “**SecumorePlus**” to download APP from GooglePlay or Apple store.

(Scan to download Android/IOS version SecumorePlus)

**Guarantee Card**

User Name		Phone	
Purchase Date		IMEI No	
<p>1. Within warranty period, if any damage caused by the product's own quality, user can bring the purchasing invoice and warranty card to supplier to arrange repair.</p> <p>2. Those machines that has refitted or added other functions by user own will not be accepted to repair.</p> <p>3. Attempt to disassemble the product can damage it and void your warranty.</p> <p>4. This card and the purchasing invoice are both considered as a receipt for repair, please reserve it carefully.</p>			