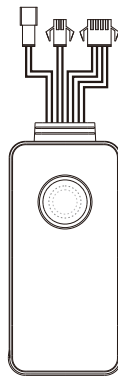


GPS TRACKER

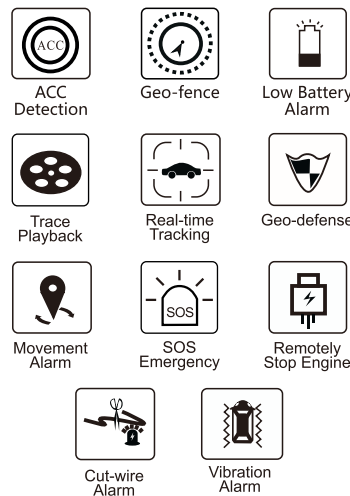
G19S User Manual



Please read the installation instruction manual carefully before installation and use.

Product Functions

NOTED SIM Card needs SMS, data service and phone call functions.



1 Product Parameters & Functions

1.1 Product Parameters

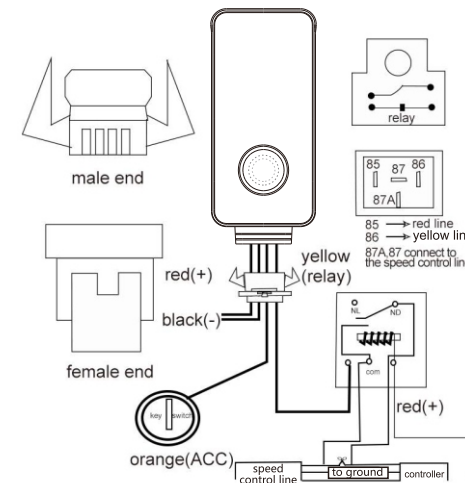
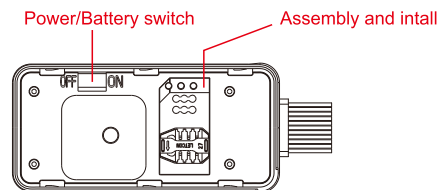
Item	Name	Specification
Main Features	Size	80mm(L) *40mm(W) *14mm(H)
	Weight	40g
	Battery	240mAh
	GPS Chip	MT2503D
GPS	GPS Fixed Time	Hot<2sec (Open Sky)
		Warm<15sec
	Positioning Accuracy	≤5m
GSM	GPS Farequency	850/1900/900/1800MHz

1.2 Accessories list

Item	Qty
Device	1
Manual	1

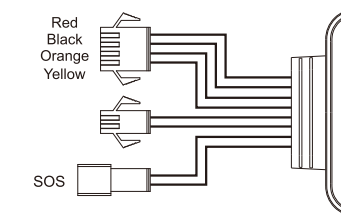
2 Product Installation

1. Check the device if it's completed.
2. This device should be inserted into a SIM card which supports 2G GSM network.
3. Connect Wires and Switch on.



1. Red wire to the positive power(+) of vehicle battery, black wire to the negative power(-) of the battery.
2. Device ACC line connect to the acc line of car.

3 Wire Connection



Line	Connections
Red	to positive power(9-90V)
Black	to Negative Power
Orange	to ACC line
Yellow	to relay

Red LED Light(Power/work condition)

State	Meaning
Slow blinking	Normal work (Battery supply power)
Light on	Normal work (Vehicle supply Power)
Light off	Device problem or in sleeping

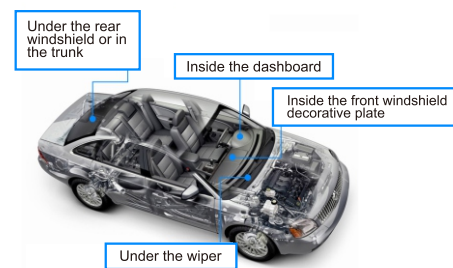
Yellow LED Light(GSM Signal Light)

State	Meaning
Fast blinking	GSM initialize
Slow blinking	GSM normally receive signal
Light off	No GSM signal or in sleeping

Blue LED Light(GPS Signal Light)

State	Meaning
Fast blinking	Searching GPS
Slow blinking	Normal working
Ligh off	No GPS signal or in sleeping

4 Installation location



5 Precautions

GPS Tracker should be installed covertly, please contact the supplier for professional installation advice.

1. Hidden installation, avoid water.
2. Ensure the Led side facing sky and no metal cover.
3. Use cable or 3m tape to fix the device.

6 SMS Command

1. Check device state. Format: **STATUS#**
2. Set sos number Format: **SOS,A,SOS Number#**
3. Check location Format: **URL#**
4. Set center number Format: **CENTER,A,Center Number#**

7 Working Description

- 1 After connected with vehicle battery, device will be turned on automatically and power indicator light (red) will be long bright.
- 2 If the device is using its own back up battery, the power indicator light (red) will slowly blink after turned on manually.
- 3 GSM signal light (yellow) and GPS signal light(blue) start fast blinking.
- 4 A few seconds later both GSM light and GPS light will be steady and start slow blinking; device enters into normal working status.
- 5 SOS alarm. Press and hold onto the SOS button for 3 seconds, then the preset SOS numbers will receive phone calls and will be able to hear the sound around the vehicle.
- 6 Voice monitoring. Use preset SOS numbers to call the device, and then the line will be answered automatically after 10 seconds to initiate voice monitoring function.

8 Trouble Shooting

Problem	Description	Solution
Failed to connect the internet	SIM card not installed	Check the sim card
	Simcard not installed properly	Install again
	No GSM network	Move the device in gsm network area
Location failed	Weak GSM network	Move the device in strong GSM network area
	SIM card has no gprs functions	Contact Sim card supplier to activate the gprs function
No GPS location	Always reply "failed to get location"	Contact the supplier
	Some poor signal areas like basement, tunnels are not able to acquire GPS signals.	Move the device to open sky areas.

9 Access to Platform

1. Platform(www.iopgps.com)
2. Android and iOS APP(Scan the qr code to download app)



- There are two methods to login in the platform or app.
1. Login by IMEI number(the 15 digits in the back of the device), password: the last 6 digits of imei number.
 2. Contact the supplier to create an account for you.