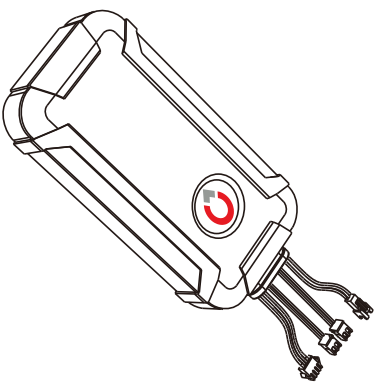




# GPS TRACKER USER MANUAL



Please read the instruction manual carefully before installation and use.

## 1 Product Parameters & Functions

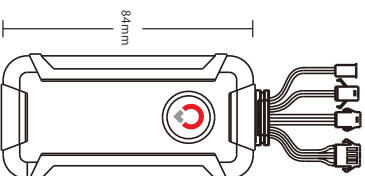
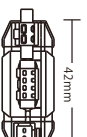
### 1.1 Product Parameters

Item	Name	Specification
Main Features	Size	84mm(L)*42mm(W)*17mm(H)
	Battery	170mAh
	GPS Chip	QUECTEL UC200T
Voltage Range		9V - 75V
		Hot<1sec (Open Sky) Warm<15sec Cold<28sec(Open Sky)
GPS	GPS Fixed Time	
Positioning Accuracy		< 10m
Frequency	BG96	LTE Cat M1/NB 1 /E/GPRS

### 1.2 Accessories List

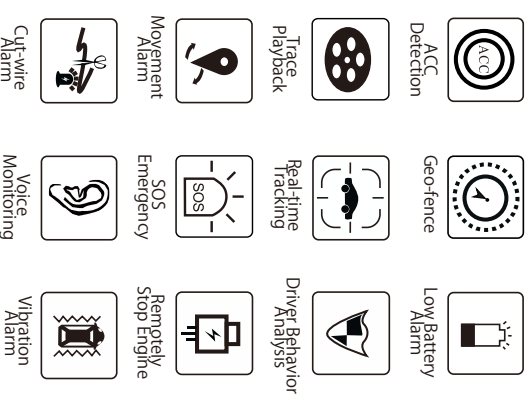
Item	Unit	Qty
Device	Pc	1
SOS	Pc	1
Mic	Pc	1
Relay	Pc	1
Manual	Pc	1

## 2 Product Size

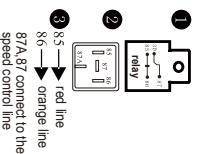
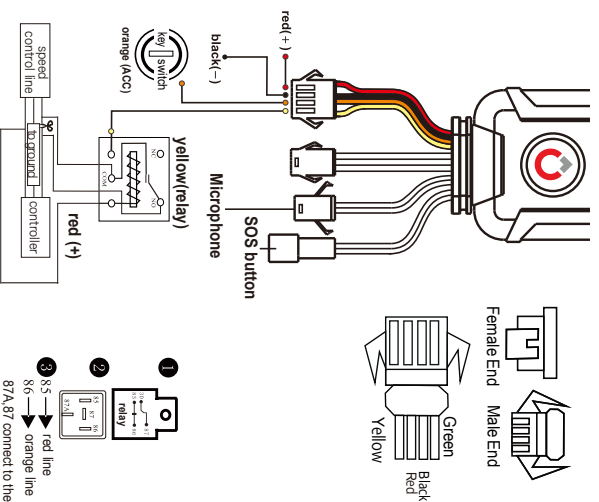


## 3 Product Features

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



## 4 Wire Connection



## 5 LED Indicator

LED type	LED status	Meaning
Yellow Light	Slow flash	GSM initialization
	Steady	GSM communication normal
Blue Light	No Light	GSM in sleep mode / shut down
	Slow flash	Searching for satellite signals
Red Light	Steady	GPS / BDS is located
	No Light	GPS is in sleep mode
	Steady	GPS unit ON

## 6 Product Installation

Please consult a technician for installation.

### Installation Precautions

- The device should be installed in a waterproof and dry place.
- Please insert SIM card before connecting power and switching ON.
- Ensure device light in the front and there is no metal cover.
- Secure with a cable tie or sponge double-sided tape.

## 7 Working Description

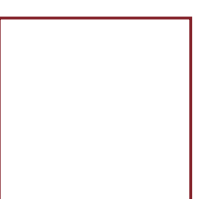
- Turn on the switch after inserting Sim card and connect the device with external vehicle power, the lights will start blinking.
- If the device is using its own back up battery, the power indicator light (red) will slowly blink after turned on manually.
- A few seconds later both GSM light and GPS light will be steady and device will enter into normal working status.

## 8 Trouble Shooting

Problem	Description	Solution
Failed to connect the internet	SIM card not inserted properly No GSM network Weak GSM network	Check the SIM card Install again Move the device in gsm network area Move the device in strong GSM network area
Location failed	SIM card has no gps functions Always reply "failed to get location"	Contact Sim card supplier to activate the gps function Contact the supplier
No GPS location	Strong GPS signal turns off due to acquire GPS signals	Move the device to open sky areas

## 9 Access to Platform

- Visit Platform at [www.zerotrak.com](http://www.zerotrak.com).
- 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.

- Contact the supplier to create an account for you.

## 10 SMS Command

- Set ip: IP 106.3.230.234 8185
- Set user: APN123456 CMNET
- Set user name: APNUSER123456 USER
- Set user password: APNPASS123456 PASSWORD
- Set user interval: FREQ 123456 30
- ACC OFF update interval 40 for 40 seconds: STATTIC,123456 40