4G multifunctional GPS Tracker



GPT45-M
User Manual

Application: Cold Chain Monitoring、
Automotive Risk Control、Logistics Transportation

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一、Product Features

1.1 Performance

■ Globally support viarious satellite positioning

■ WiFi/LBS-assisted positioning further enhances accuracy

■ Super-long standby Working mode
(low-power standby, fast wake-up)

■ Built-in temperature-humidity sensor
temperature-humidity logging /alarm trigger

■ Built-in Light sensor
Light-sensing logging, alarm trigger

■ Built-in Barometric Pressure Sensor
For altitude and Barometric pressure detection

■ Built-in Bluetooth
Works as Bluetooth Gateway for Beacon devices.

■ External Expansion
Support external PT1000 temperature probe

■ Smart alarms prompts
Detecting shock/collision/acceleration/Light/
Temperature/ humidity alarm

■ GEO-Fence Alarm, In or out of setting area

■ SOS for help, One key call

■ 90 days historical route playback

View the route and stay time clearly

■ UART: AT command interaction, custom transparent-transmission protocol for data pass-through with peripheral devices

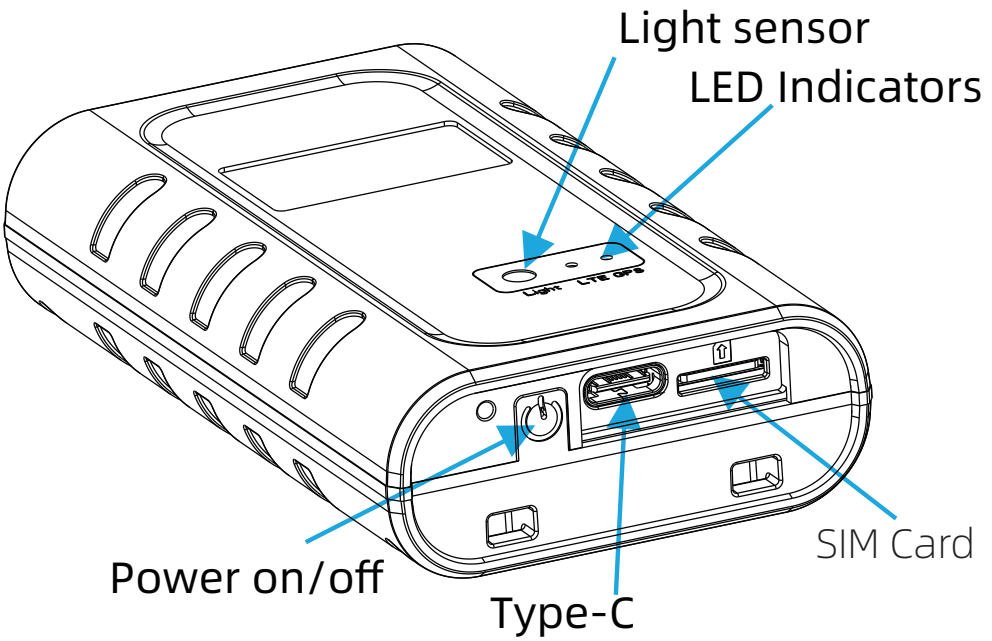
■ EELINK Protocol 2.0. Integration Support

1.2 Specification

Demension	95(L)x55.5(W)x22.7(H) mm
LED	Blue/Red(Power on/off indication, device status checking, charging status)
Battery	2550mAh
Weight	106 g
Temperature/Humidity	-20°C~75°C/20%~90%RH
Antenna	Built-in GSM/LTE antenna, ceramic GPS antenna
Network Type	LTE Cat M1/LTE Cat NB2/EGPRS
GNSS Band	BDS、GPS、Galileo、GLONASS、QZSS
GSM Band	850/900/1800/1900MHz
LTE Band	Cat M1: B1/B2/B3/B4/B5/B8/B12/B13/B14/B18/B19/B20/B25/B26/B27/B28/B66/B85 Cat NB2: B1/B2/B3/B4/B5/B8/B12/B13/B18/B19/B20/B25/B26/B28/B66/B71/B85
Hot/warm/cold fix time	<5s,<10s,<40s ;(Toward sky)
GNSS Accuracy	5-15m(Depend by GPs Signal)
WIFl Accuracy	5-50m(Depend by Density of Hot Spot)
LBS Accuracy	>100m(Depend by Density of Base Stations)
USB Interface	Type-C
SIM Card	nano-SIM
Waterproof	IP65

二、Components and Accessories

2.1 Components



Key Description：

Press and hold the power button for 8 seconds to turn on/off;
Factory adjustable but not shutdown version

Blue Light: Power on/off indication, device status checking (normal), charging status (charging)

Red Light: Device status checking (abnormal), charging status (fully charged)

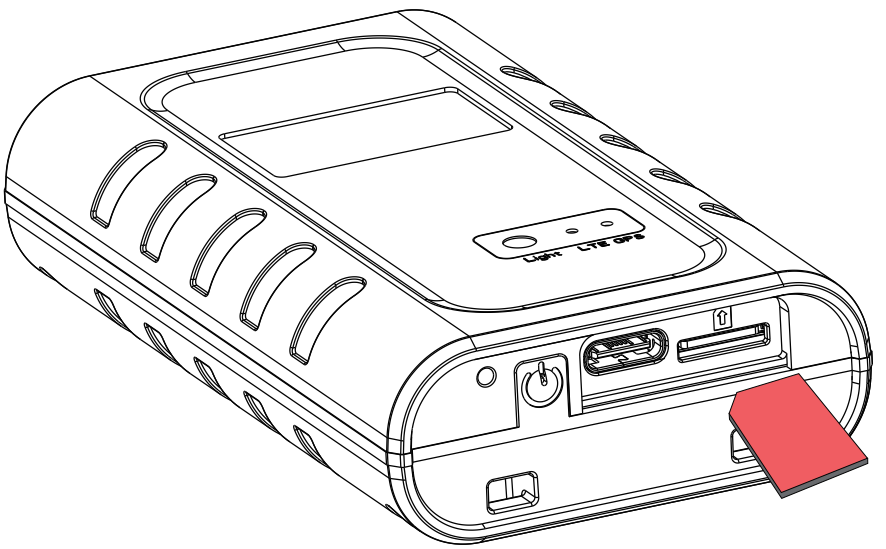
SIM Card： nano-SIM

2.2 Accessories

USB charging cable, user manual

三、User Manual

3.1 Open the box and check if the device is correct and has all accessories, otherwise please contact your dealer.



Install SIM card first (Chip facing down, Norch facing in)
Power on the tracker.

3.2 Query data on the Cellphone APP and Web

KEELIN APP

Web:www.keelin.com.cn

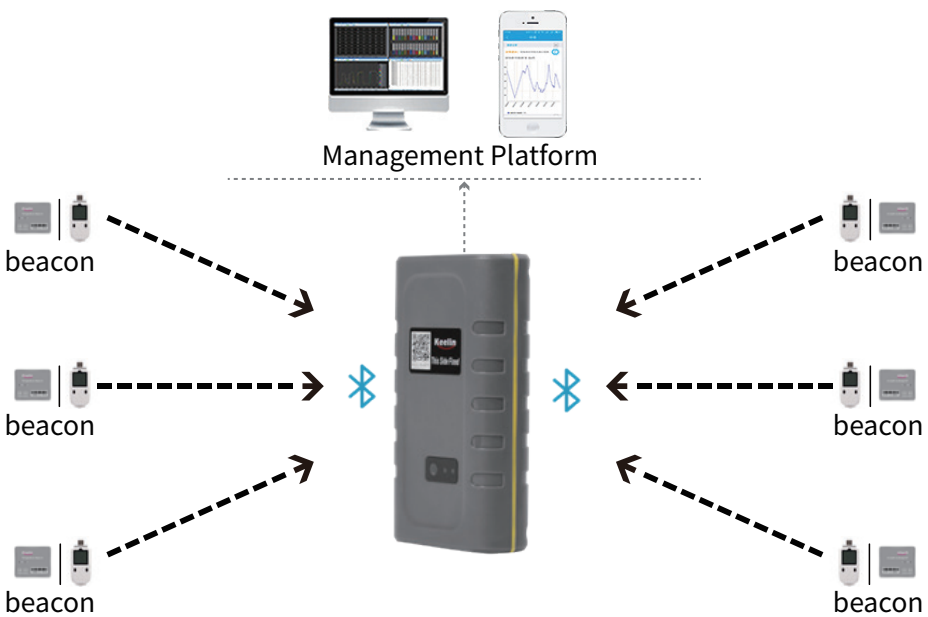
3.3 New user click "Register", Login the account

四、TEMP probe Extension

Support external PT1000 temperature probe.



Works as Bluetooth Gateway for Beacon devices.



五、Warranty Rules

5.1 Special statement

1）Technology change without notice.

2）If the product color and appearance change, the actual product shall prevail.

3）Please keep the warranty card, show it with the original purchase receipts during the warranty.

5.2 Warranty period

One year warranty from the purchase date if it is not artificially damaged.

5.3 After sales

Any of the following circumstances is not covered by the warranty, but may be appropriate to pay repair:

1）More than the warranty period.

2）Unauthorized removal or repair damaged.

3）Damage caused by improper installation, use, maintenance, custody.

4）Damage caused by force majeure.

Maintenance Records				
Date	**Description**	**Records**	**completion Date**	**Engineer**