



# eeLink GPT46 LTE Cat M1/NB2 Tracker for Asset/Vehicle User Manual

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# eeLink

**eeLink GPT46 LTE Cat M1/NB2 Tracker for Asset/Vehicle**



Welcome to use our device please read this manual carefully to install and operate the device exactly. This user manual is for reference only. If some contents and operation steps are inconsistent with those for the actual product, the latter will prevail. With GPT46 Long Standby GPS Tracker, we can monitor your vehicle or asset by GPS satellite positioning system, GPRS/LTE CAT M1/LTE NB2 communication and Internet, remote location of vehicles or asset can be achieved through a powerful service platform. It plays a significant role in logistics and asset protection, helping customers to achieve transparent management, reduce costs, ensure safety, and improve efficiency.

## Product Features

- Support GSM/SMS/EGPRS/ LTE CAT M1/ LTE CAT NB2 (IoT network)
- GNSS: GPS/Beidou/Glonass/Galileo/Qzss etc
- GNSS/Wi-Fi/LBS triple positioning way, Real-time tracking /upload data regularly
- Built-in temperature sensor, support temperature alarm
- Built-in light sensor, detecting opening door/box behavior.
- 5500mAh rechargeable lithium Battery
- IP65 waterproof level
- Low power alarm, Vibration alarm, GEO-fence alarm
- Temperature alarm, Light alarm
- Keelin Platform/ Keelin APP/ SMS inquiry
- Support EELINK 2.0, OTA Firmware upgrade
- Third party platform integration

## Basic Specifications

Work Current	LTE data (400mA); GPRS data (500mA) Idle(3mA);30uA(power off)
GNSS Accuracy	<2M @ Open Sky
GNSS Band	1575MHz
EGPRS Band	850/900/1800/1900MHz
LTE CAT M1 Band	B1/B2/B3/B4/B5/B12/B13/ B14/B18/B19/B20/B25/B26/B27/B28/B66/B85
LTE CAT NB2 Band	B1/B2/B3/B4/B5/B12/B13/ B18/B19/B20/B25/B26/B27/B28/B66/B71/B85
Hot/warm/cold Start	<3s <26s <35s
Battery	5500mAh; 3.3~4.2V; Charge 5V@1A
Dimensions (mm)	120(L) X 69(W) X 19.5(H)
Temperature/Humidity	-20°C~60°C/20% 90%RH
Net Weight	166g

## Components and Accessories

### components



-Top Front-  
(Towards sky)



-Bottom -

### Accessories



3M Velcro (default)

### SIM Card Installation

Open the back doorcase, check if the device is OK and the accessories are intact



Open device cover



Insert SIM Card

**Note:**

- Please power off the device before installing or uninstalling SIM card.
- Open SIM's traffic transmission to send data.
- If the PIN code of SIM card enables, please use your mobile phone to disable the PIN code.
- Please make sure SIM card has sufficient balance.

**Test & Installation**

**Power on/off**



After SIM installation, Turn on/off the power switch, device will power on/off.

**LED Indicators**

The Red LED flickers fast when the device is searching for GSM/Cat M1/Cat NB2 network, it flickers slowly when the device has registered the network successfully. The Blue LED flickers fast when device is searching for the Positioning satellite signal, it flickers slowly when device has searched the satellites and can be positioned.

1. RED LED(indicates Network working state)

Fast blinking	Searching for GSM/Cat M1/Cat NB2 network
Slow blinking	GSM/Cat M1/Cat NB2 works normally

2. BLUE LED(indicates GPS Satellite signal state)

Fast blinking	Searching GPS Satellites
Slow blinking	GPS works normally

### Install Device

Close the device door, Stick Velcro to the bottom of GPT46 and instill it.

### Setting & Inquiry

#### Web Platform & APP

#### Web Browser platform

Login the service platform to set or track device, ask your dealer for the WWW address

#### Smart phone application

Use the smartphone APP, ask your dealer to get the installation package.

### SMS

You can write a positioning SMS sending to the device to inquiry position, the device will reply position SMS or map link once it wake up. You also can set the administrator numbers to get remove the alarm.  
The SMS commands please refer to the Operation Commands.

### Device Alarm

#### Remove Alarm

**Conditions:** When the Device is removed.

**Note:** Light Sensor detect any light will trigger this alarm

#### Temperature Alarm

**Conditions:** When Temperature exceeds set range

**Note:** You need to set the Temperature range value & time.

#### Vibration Alarm

**Conditions:** When the Vehicle Vibration occurs.

**Note:** You need to set vibration sensitivity and time, there is an alarm switch..

#### Geo-fence Alarm

**Conditions:** when the vehicle enters / exit / across the Geo-fence.

**Note:** You need to set the conditions of crossing fences, fence types and so on.

## **Low Battery Alarm**

**Conditions:** When the device's battery power falls below a certain value .

**Note:** Alarm parameters must be set before work in 6.2, 6.3, 6.4, Please refer to the <Operation Commands>

**Note:** When above alarm occurs, the device will send alarm to the service platform, meanwhile send an SMS message to the administrator number if the number is set in advance.

## **Troubleshooting**

### **Cannot connect platform**

The device is never online on the position server when installed at the first time. Please check device:

1. If power cables are wired correctly? Pay attention to not connecting them to controlling cables of vehicle.
2. If the SIM card is installed correctly? Please refer to the installation instructions.
3. Check the status of LED indicators. If the device is the OK, red and blue LED will intermittently and slowly flick.  
Inquiry parameters of device via commands and check replied parameters.

### **Offline status**

First check if the LED indicators are OK, if cannot check them, you can check SIM card by following next steps:

1. call the SIM card of the device and check if you can hear the connecting ring.
2. Check if the vehicle is in the area where there is no GSM or LTE CAT M1/NB2 signal.
3. Check if one device or all devices are offline in the area . If all devices are offline, you should ask the operator If the network is OK.
4. Check if SIM card has enough balance.
5. If the device becomes offline on the last day of one month, please check data transferring is closed or not.
6. Inquiry parameters of the device via commands and check replied parameters.

### **No positioned**

If the GPS is active, but device cannot be positioned for long time, please check device:

1. If the vehicle is in a place where there is no GPS signal.
2. The upside of device should be installed with face toward the sky.
3. The GSM & LTE CAT M1/NB2 and GPS signal may be weakened if device is installed in the place with electromagnetic wave absorption material(such as metal blocks), special attention should be paid if there is metal thermal insulation layer or heating layer on the front windshield, so that the position accuracy will decline, and the severe ones will not be positioned.

### **Position drift**

Serious position drift will be found in places where GPS signal is poor. Please drive the vehicle to the open places.

### **Commands receiving abnormally**

1. Check the format of the command.
2. Check if the vehicle is in the places where there is GSM signal.
3. Check if the SIM card is properly installed.

## Warranty Rules

### Special statement

1. Technology changes without notice.
2. If the color and appearance are inconsistent with those for the actual product, the latter will prevail.
3. The warranty card is only valid for devices with the following IMEI.
4. Please take care of the warranty card and show it with the original purchase receipts when enjoying the warranty service.

### Warranty period


Since the date of purchase, passive waste host has one year warranty.

### After-sales

Any of the following circumstances 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. IMEI label is torn or Obscure.
5. Warranty certificate and product models do not match or warranty certificate be altered.
6. Damage caused by force majeure.

## Documents / Resources

	<p><a href="#">eeLink GPT46 LTE Cat M1/NB2 Tracker for Asset/Vehicle</a> [pdf] User Manual GPT46 LTE Cat M1 NB2 Tracker for Asset Vehicle, GPT46, LTE Cat M1 NB2 Tracker for Asset Vehicle</p>
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