


# Long Standby pet Animal GPS Tracker

Precise Positioning

GPT90



Quick Start Guide 

Network Type:LTE-FDD,LTE-TDD,GSM

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## 一、Product Features

### 1.1 Performance

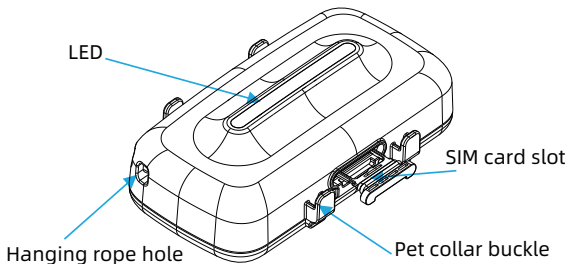
- Support GPS / BDS / GLONASS / WiFi / LBS positioning.
- Real Time Tracking.GPS+AGPS, WIFI,LBS
- Built-in accelerometer.Vibration/Speed Alarm
- Built in speaker, can play APP recorded audio
- 12 days Super Long standby  
(upload a heartbeat packet in 5 minutes)
- EELINK Protocol 2.3.Integration Support
- Built-in WIFI Chip Support WIFI positioning
- Strong flashing light strip to assist in searching pets
- GEO-Fence Alarm, In or out of setting area
- Low Battery Alarm;Remind charging battery
- USB Magnetic Connector. Easy to operate
- APP and web platform queries

## 1.2 Specification

Dimension	67*35*20.5mm
Power button	Power on via USB
Color	Grey
LED	GPS (Blue), GSM /LTE(Red) Flashi
Battery	PL 652840 (850mA)
Weight	40g
Voltage	3.7V
Antenna	(GSM&LTE +GPS +Bluetooth &WIFI)FPC antenna
GNSS Band	BDS/GPS/GLONASS
Network Type	LTE TDD / LTE FDD / GSM
Network Band	LTE-FDD: B1/B2/B3/B4/B5/B7/B8/B12/B13/B17/B18/B19/B20/ B25/B26/B28/B66 LTE-TDD :B34/B38/B39/B40/B41 GSM: GSM850/EGSM900/DCS1800PCS1900
GNSS Accuracy	5-15m (Depend by GPS Signal)
WIFI Accuracy	5-50m(Depend by Density of Hot Spot)
LBS Accuracy	>100m (Depend by Density of Base Stations)
Hot/warm/cold fix time	5s/10s/30s
charge method	Magnetic charging
SIM Card	Nano SIM Card(4FF)

## 二、Components and Accessories

### 2.1 Components



**Key Description :** Power on via USB, Shut down by sending the command on APP.

#### LED Indicator

GPS (satellite signal, blue)

Quick flash: searching for

satellite signals;

Slow flash: has found satellite;

Dormancy 5 min without operation.



LTE(Base signal, red)

Quick flash: searching for Base signals;

Slow flash: has found base;

Dormancy 5 min without operation ;

Long light when charging.



## 2.2 Accessories

USB charging cable, user manual, Anti-tamper lock

## 三、 User Manual

### 3.1 Application cases

The GPT90 is a smart tracker designed specifically for medium to large-sized pets. Support LTE-FDD, LTE-TDD, and GSM networks for stable wide-area communication. It integrates GPS, GLONASS, and BDS positioning systems for accurate location tracking. Typical applications:

- ① Location tracking and safety monitoring for medium to large-sized pets
- ② Track animals such as lead sheep and camels that is prevented from lost.
- ③ Safety protection for outdoor sports enthusiasts, forest rangers, police officers, and other outdoor workers.
- ④ Used for vehicle, elderly, kids tracking.

### 3.2 Installing SIM Card



Install SIM card first (Chip facing up) Power on via USB,  
Shut down by sending the command on APP

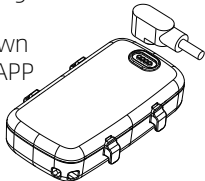
### 3.3 Query data on the Cellphone APP and Web



Web:<https://cloud-iot.sky200.com>

3.4 New user click "Register", Login the account

3.5 Power on via USB, Shut down  
by sending the command on APP



## 四、Q&A

### Q : Positioned by GPS / WiFi/ LBS ?

A : GPS called "Global Positioning System" ,GPS device can be positioned by GPS satellite outdoor. Device with Wifi module positioned by WiFi hot spot nearby for assistance indoor-positioning. Device also can be positioned by base station of operator which call LBS ,mainly for assistance positioning.

### Q : Location is not accurate?

A : If need accurate positioning, use device outdoor where GPS signal is good and start GPS tracking mode.  
Device indoor mainly positioned by LBS & WiFi, the accuracy lower than GPS.

### Q : Standby time can be longer?

A : Device need Internet connection, Standby time will be different by different using environment and working mode.

### Q : Device offline?

A : The conditions below results in offline.

- ① No balance or No SIM
- ② No GSM or GSM signal is weak
- ③ Battery runs out

## 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

