



# FTAT-003-4G • GPS Tracker

## Technical Datasheet

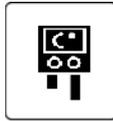


### FTAT-003-4G

LTE Cat 1 Asset GPS Tracker



LTE & GSM Network



Temperature/Humidity  
Sensor



Multiple Working  
Modes



GPS & BDS & LBS & Wi-Fi  
Positioning



Multiple Alerts



Bluetooth



## Product Summary

The FTAT-003-4G is a 4G Category 1 Asset GNSS Tracker that allows for ultra-long standby time via 10,000mAh large-capacity battery and durable housing. Supporting GPS + BDS + LBS + Wi-Fi positioning, indoor & outdoor signal coverage, and supporting instant alerts of typical events like device removal, vibration, etc.

The rugged and popular design inherited from our FTAT-004-2G model and upgrade to support 4G markets. This device fall back to 2g in the event of network coverage issues. This device is suitable for vehicle rental, fleet management, logistics transportation, etc.

## Key Features:

- **GPS & BDS & LBS & Wi-Fi Positioning**  
A synergy of multiple positioning systems ensures that locations are accurately displayed on the cloud platform.
- **Temperature/Humidity Sensor (Optional)**  
Monitor temperature and humidity to gain visibility into your operations and help save money.
- **Multiple Working Modes**  
Configurable working modes according to your actual demands.

➤ **Bluetooth Configuration**

Fast and simple device configuration via app for iOS.

➤ **Remote Listen-in**

An inconspicuous Mic allows you to remotely listen to the sounds around the device.

➤ **10,000mAh Rechargeable Battery**

High-capacity battery supports long standby applications, is easily recharged for re-deployment.

➤ **LTE & GSM Network**

Communication via 4G LTE networks with 2G GSM fall-back.

➤ **Multiple Alerts**

Instant alerts for atypical events such as cover removal, device removal, abnormal vibration, low battery, etc.

## Technical Specification

### GNSS

<b>Positioning system</b>	GPS+BDS+LBS
<b>Positioning accuracy</b>	<2.5m CEP
<b>Track sensitivity</b>	-165dBm
<b>Acquisition sensitivity</b>	-148dBm
<b>TTF (open sky)</b>	Avg. hot start ≤1sec Avg. cold start ≤32sec

### Cellular

<b>Communication network</b>	LTE/GSM
<b>Frequency</b>	LL301-E LTE- FDD: B1/B3/B7/B8/B20/B28 GSM: 900/1800MHz LL301-L LTE-FDD: B1/B2/B3/B4/B5/B28/B66 GSM: 850/900/1800/1900MHz

### Power

<b>Battery</b>	10,000mAh/3.7V industrial-grade Li-Polymer battery
<b>Working modes</b>	Mode 1: Regular GPS mode Mode 2: Tracking mode Mode 3: Power-saving Mode
<b>Standby time</b>	Up to 2 years in power-saving mode

### Interface

<b>LED indication</b>	1 status indicator (Red), 4 battery indicators (Blue)
<b>SIM</b>	Nano-SIM
<b>Tamper proof</b>	Pressure-sensitive button

### Physical specification

<b>Dimensions</b>	108.5 x 61.1 x 30.0mm
<b>Weight</b>	260g

### Operating environment

<b>Operating temperature</b>	-20°C to +70°C
<b>Operating humidity</b>	5%~95%, non-condensing
<b>IP rating</b>	IP65

### Feature

<b>Bluetooth</b>	Support Bluetooth 5.0
<b>Sensors</b>	3-axis Accelerometer
<b>Temperature detection</b>	-20°C to +70°C (±0.5°C)
<b>Scenarios</b>	Low battery alert, Tamper alert, Vibrating Alert, Cover removal alert, Power off alert