



# LT53

## 4G Rechargeable Magnets Tracker

LT53 4G LTE GPS tracker is a rugged IP65 device for robust asset monitoring. It combines GPS, LBS, and Wi-Fi for reliable positioning via 4G LTE networks. With a rechargeable 5,200mAh battery supporting 10W fast charging, light-sensing tamper detection, and onboard temperature monitoring, it offers versatile.



### Applications



Shipment Tracking



Car Tracking



Private Cars



#### Fast Charging

The rechargeable battery supports 10W fast charging for rapid power replenishment.



#### Multi-Tech GPS+LBS+Wi-Fi

Reliable positioning solution leveraging both satellite and terrestrial technologies.



#### 4G LTE Network

Communication via 4G LTE networks.



#### Magnetic & Adhesive Mounting

Strong magnets and 3M adhesives for secure attachment on various surfaces.



#### Light-Sensing Tamper Detection

Automatically triggers an alert if exposed to light, preventing unauthorized removal.



#### IP65 Water & Dust Resistant

Rugged, reliable design for steady outdoor performance.

### GNSS

**Positioning system** GPS, LBS, Wi-Fi with AGPS (50 channels)

**Frequency** GPS L1: 1575.42 MHz

**Positioning accuracy** 5-10 m

**Tracking sensitivity** -162 dBm

**Acquisition sensitivity** -148 dBm

**TTFF (open sky)** Avg. cold start ≤ 35 sec      Avg. hot start ≤ 2 sec

**Wi-Fi** 2.4 GHz, used for indoors tracking

### Cellular

**Communication network** 4G LTE

**Frequency** FDD LTE: B1, B3, B5, B8

### Power

**Battery** 5200 mAh 3.7 V rechargeable Li-poly battery

**Input voltage** 3.7V DC

**Operating current** Active < 50 mA      Sleep < 65 uA

**Working modes** Real-time Track/Sleep/Latent Mode

### Interface

**LED indication** Cellular (Red), GNSS (Green), Power (Blue)

**USB** Type-C (10W fast charging)

**SIM** Nano-SIM

**Data storage** 2000-packet offline storage capacity

**Antenna** Internal high-gain GNSS & Cellular antenna

**Tamper proof** Light sensor tamper alarm

### Physical specification

**Dimensions** L110 x W68 x H25 mm

**Weight** 233g

### Operating environment

**Temperature** Operating temperature: -30°C ~ +80°C

Storage temperature: -40°C ~ +85°C

**Operating humidity** 5% ~ 95% (no fog)

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