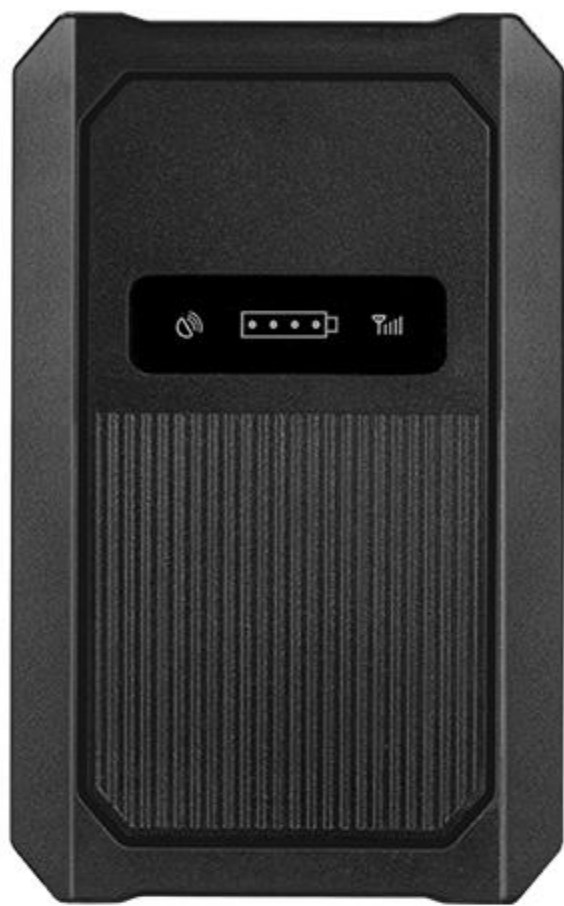




# LT53







## 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



- **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)	