

**LMHOME LM002**

# LMHOME Mini GPS Tracker User Manual

Model: LM002

## INTRODUCTION

The LMHOME Mini GPS Tracker is a compact and versatile device designed for real-time tracking and anti-loss protection of pets, children, elderly individuals, and vehicles. It offers precise positioning, long standby time, and various alert functions to ensure the safety of your loved ones and valuable assets. This manual provides detailed instructions on how to set up, operate, and maintain your LMHOME Mini GPS Tracker.



Image: The compact LMHOME Mini GPS Tracker, easily held in one hand.

## PACKAGE CONTENTS

Please check the package carefully to ensure all items are present:

- 1 x GPS Tracker Unit
- 1 x USB Charging Cable
- 1 x User Manual
- 1 x Nano SIM Adapter Kit (Micro SIM to Nano SIM, Standard SIM to Nano SIM)
- 1 x Quality Certificate

# GPS Smart Tracker

## GSM/GPRS/GPS gps Tracker LM002 User Manual



### Preface

Thank you for purchasing the tracker. This manual shows how to operate the device smoothly and correctly. Make sure to read this manual carefully before using this product. Please note that specification and information are subject to changes without prior notice in this manual. Any change will be integrated in the latest release. The manufacturer assumes no responsibility for any errors or omissions in this document.



Image: All items included in the LMHOME Mini GPS Tracker package.

## SETUP

### 1. SIM Card Installation

The tracker requires a SIM card for network connectivity. Please note that the device only supports GSM (2G) network SIM cards. We recommend using an E-Plus or O2-SIM card for optimal performance.

1. Carefully open the cover of the SIM card slot on the side of the tracker.
2. Insert a valid 2G GSM SIM card into the slot with the metal contacts facing down. Ensure it is fully seated.
3. Close the cover securely.



Image: Diagram showing the SIM card slot and charging port on the tracker.

## 2. Charging the Device

Before first use, fully charge the device. Connect the provided USB charging cable to the tracker's USB charging port and the other end to a standard USB power adapter (DC 5V - 1.0A).

The indicator light will show charging status. A full charge provides up to 25 days of standby time or approximately 2 days of normal use.

## 3. Application/Web Platform Setup

To utilize the full features of the tracker, you need to set up the APN for your tracker and use the dedicated mobile application or web platform. The application is compatible with Android and iOS devices, and the web platform can be accessed from desktops and tablets.

- 1. APN Configuration:** Refer to your SIM card provider's instructions for APN settings. This is crucial for the tracker to connect to the internet.
- 2. Download App:** Search for the official GPS tracking application (e.g., "GPSHOME" as shown in images) on your smartphone's app store (Google Play Store for Android or Apple App Store for iOS).
- 3. Web Access:** Alternatively, visit the official web tracking platform URL provided in the manual or packaging.
- 4. Login:** Log in using the device's IMEI number or a registered username and password.

# Easily log in to view at any time

- Compatible with mobile phones, tablet, desktop,
- Easy login in just two steps



Image: The GPS tracking platform accessible via mobile app and web browser.

## OPERATION

### 1. Real-time Tracking

Once the tracker is powered on and connected to the network, you can view its real-time location through the mobile application or web platform. The positioning accuracy is up to 5 meters, utilizing GPS/A-GPS/LBS dual-mode positioning.

- Open the tracking application or web interface.
- The current location of your tracker will be displayed on the map.
- The system automatically updates location information.

# REAL-TIME TRACKING

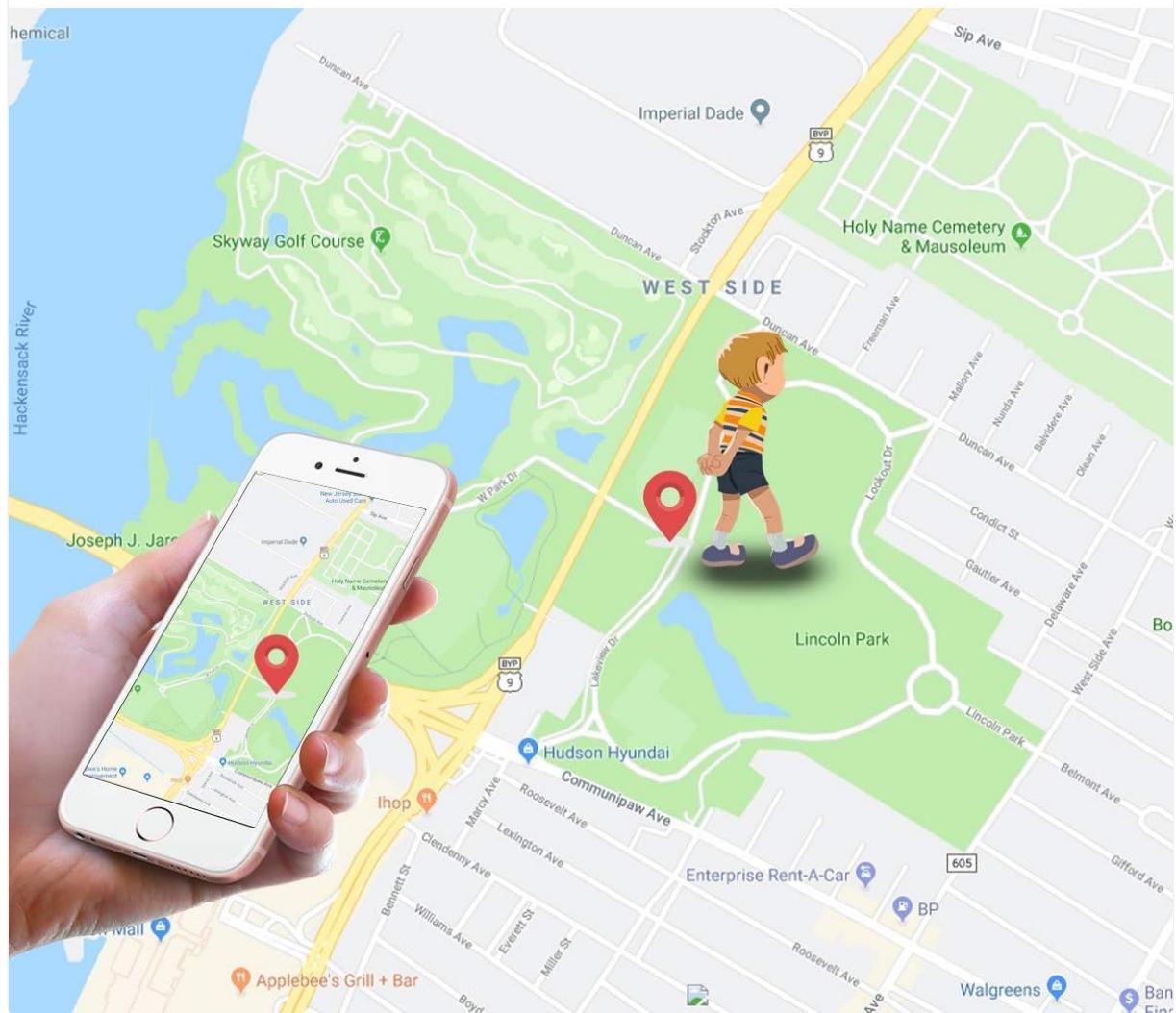


Image: Real-time tracking of the device's location on a map.



Image: The GPS tracker system illustrating how it connects to satellites and sends data to various devices for tracking.

## 2. History Route Playback

The device stores historical route data for up to 3 months. You can review and replay the travel path of the device via both the web platform and the mobile application.

- Navigate to the "History" or "Route Playback" section in the app/web interface.
- Select the desired date range to view the historical route.
- The path taken by the tracker will be displayed on the map.

# History Route Playback

User can track the history route of the device up to **6 months**  
via both the Web and APP

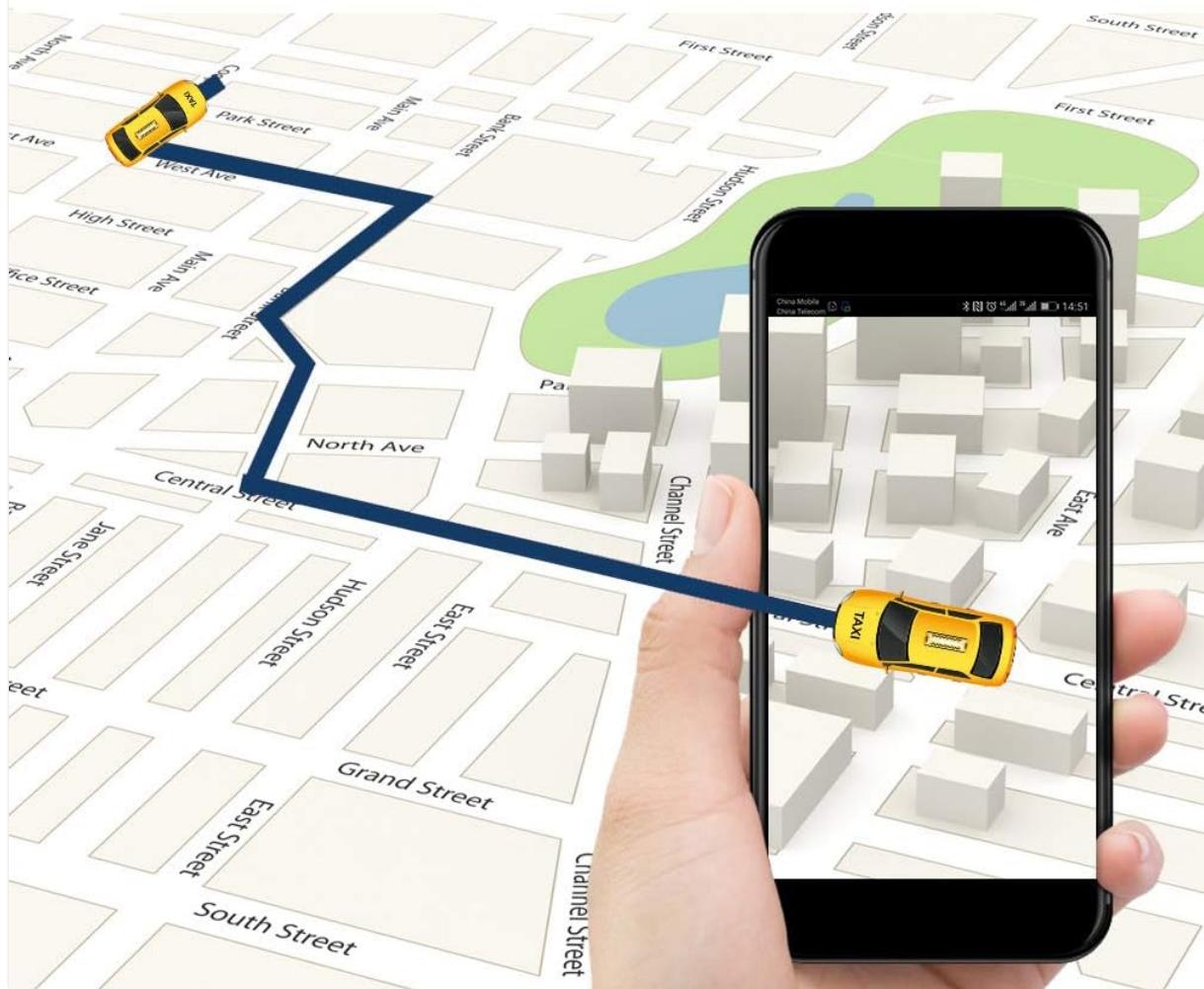
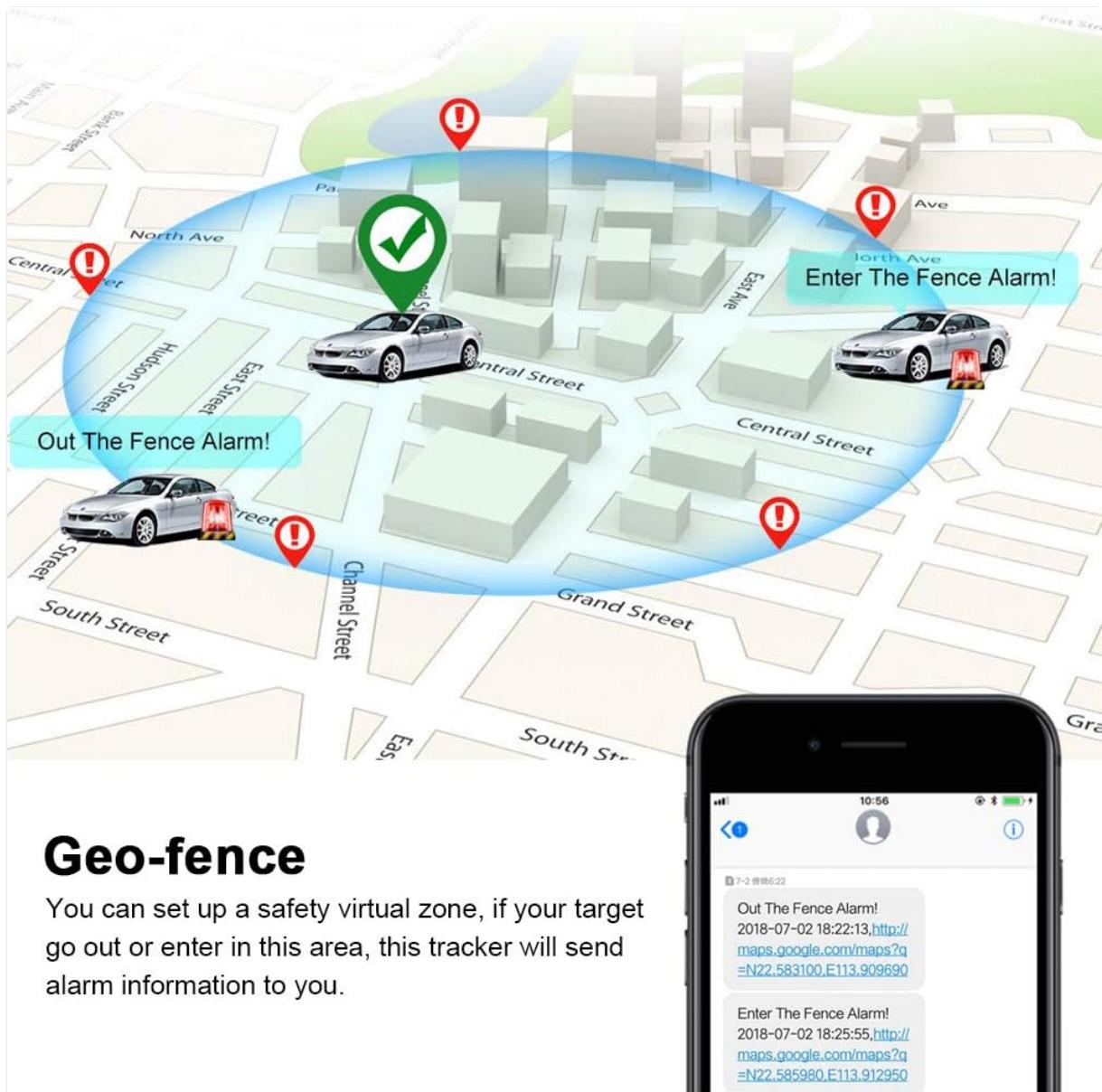


Image: History route playback feature showing a past travel path on a map.

## 3. Geo-fence Function

Set up virtual safety zones (geo-fences) on the map. If the tracker enters or exits these predefined areas, you will receive an alert notification.

- In the app/web interface, find the "Geo-fence" or "Safety Zone" setting.
- Draw a polygon or circle on the map to define your desired safe area.
- Configure alert preferences (e.g., SMS, app notification) for entry and exit events.



## Geo-fence

You can set up a safety virtual zone, if your target go out or enter in this area, this tracker will send alarm information to you.

Image: Geo-fence feature illustrating alerts when the tracker enters or exits a defined area.

## 4. Other Functions

- **Low Power Alarm:** Receive an alert when the device's battery is running low, prompting you to recharge it.
- **Vibration Alarm:** Configure the device to send an alert if it detects significant vibration, useful for anti-theft purposes.
- These functions can typically be enabled or disabled via SMS commands or within the application settings.

## MAINTENANCE

- Keep the device dry and away from extreme temperatures.
- Clean the device with a soft, dry cloth. Do not use harsh chemicals or solvents.
- Ensure the charging port is free from dust and debris.
- Regularly charge the device to maintain battery health, even if not in constant use.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
Device not powering on.	Low battery.	Charge the device fully using the provided USB cable.
No signal or offline in app.	SIM card not inserted correctly; SIM card not active; Incorrect APN settings; No 2G network coverage.	Reinsert SIM card; Ensure SIM card is active and has credit/data; Configure correct APN settings via SMS or app; Move to an area with 2G network coverage.
Inaccurate positioning.	Weak GPS signal (indoors, dense urban areas); LBS positioning being used (less accurate).	Move the device to an open outdoor area for better GPS signal; Ensure the device has a clear view of the sky.
Cannot log in to app/web.	Incorrect IMEI/username/password; Server issues.	Verify login credentials; Try again later; Contact customer support if issue persists.

## SPECIFICATIONS

Parameter	Value
Dimensions	55 mm x 36 mm x 21 mm (2.17 in x 1.42 in x 0.83 in)
Weight	58 g (2.05 oz)
Network	GSM/GPRS (2G)
GSM Band	850/900/1800/1900 MHz
GPS Sensitivity	-159 dBm
GPS Accuracy	5 meters
Charging Input	DC 5V - 1.0A
Battery	3.7V 600 mAh Li-ion rechargeable battery
Standby Time	Up to 25 days
Normal Usage Time	Approximately 2 days
Model Number	LM002 (Inferred)
ASIN	B07THBG88R
UPC	669301933181

## WARRANTY AND SUPPORT

Specific warranty information for this product is not provided in the available documentation. Please refer to your purchase receipt or contact the retailer for details regarding warranty coverage.

For technical support or further assistance, please contact LMHOME customer service through the contact information provided with your product packaging or on the official LMHOME website.

You may also find helpful resources, including a video guide, at the following link<https://youtu.be/-GrynlCxygM>

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