

# **L1 SMS mini Tracker**

## Product Information

Model: LR8M11

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## Overview

L1 SMS mini tracker allows the user to track the location of L1 by SMS with smartphones that have L1 app installed. The app can be installed on both Android and iOS smartphones, and tracking can be completed with simple operations. The security mode safeguards your car, scooter, or bicycle. When you put L1 on the vehicle and anybody moves it, L1 will serve as your dutiful dedicated security guard that immediately displays the current location of your vehicle on the map, and will keep sending the moving route and direction on the app.

The thoughtful L1 satisfies the needs of multi-user tracking. Through a matching process, up to four smartphones with L1 app installed can track the same L1 at any time at will. The security setting that the administrator assigned can apply to all of the smartphones, so that all users will be notified when the security is triggered. With your car granted extra care, you are giving yourself peace of mind.

L1 provides the location of the tracker and displays it on the map with industry's unique SMS communication mechanism. The introduction of prepaid cards eliminates the need of the monthly fee of the SIM Card commonly used for GPRS or 3G communication mechanism. Users not only save big bucks but also enjoy three major functions: "mobile surveillance", "mobile security", and "multi-user surveillance".

## Features

1. Tiniest ever, L1 is only 4 x 4 x 1.4 cm in size, and only 27g in weight. Coin-sized, ultra-portable, high-privacy, and easy to install, it completely satisfies users' demanding requirements for a tracker.
2. The app can be installed on both Android and iOS smartphones; with clear screen and easy operation, it is ready for instant tracking.
3. "Mobile surveillance" provides users with intuitive operation to query the current location of L1. "Mobile security" uses motion-detection technology to continuously notify matched smartphones of the location and direction of L1. "Multi-user surveillance" allows your family and friends to keep an eye on your car with you. It is a solution with three major functions, repeated care, and triple satisfaction.
4. Prepaid cards replaced the all-you-can-eat contract SIM Card used in other trackers that rely on GPRS or 3G. You only pay for what you used; no monthly fees and no contract to worry about.

5. Tiny in size but high in power; no power supply required but with up to 120 hours standby time. When the battery is low, it will automatically notify the user to charge.

## Important Product Safety and Information

### Certification Information



**R33004**



**FCC ID: I21LR8M11**

### **To reduce electromagnetic impact, please use it properly.**

L1 has been tested and found to comply with the international radio wave emission exposure guidelines. Since L1 is a radio wave transmitter and receiver, it is designed not to exceed the limit of the radio wave based on the guideline developed by an independent scientific organization, ICNIRP. This guideline contains the safety margins designated to assure the protection of people of all ages and conditions of health. The Max BODY SAR for 850 baseband is 0.209(W/KG), for 1900 baseband is 1.16(W/KG).

### **FCC Regulations:**

15.19(a)(3):

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

15.105(b):

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off

and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/ TV technician for help.

## **General Information**

1. The operation and positioning accuracy of the Global Positioning System, GPS, is maintained by the Defense Department of the United States of America. Based on its public policy and national security, the US government reserves the right to alter the GPS system and its accuracy without forewarning.
2. Although L1 has undergone several safety tests and conforms to a number of national security standards, using the device could become risky in certain abnormal climatic or seismic conditions without correct operation. Please read the manual carefully before operating the device.
3. As with other GSM mobiles, the electric magnetic wave may affect the functioning of medical instruments. If you wear heart-rate monitor, do not position L1 in front of the chest. It is best to keep a distance of at least 6 inches between L1 and the monitor. When close to other medical instruments, turn L1 off.
4. For your safety, when aboard on an aircraft follow the L1 power off procedure.
5. In restricted areas such as gas stations or in the vicinity of explosives, please shut down L1. Under no conditions should you use L1 near fuel or flammable materials.
6. Only Leadtek service providers have the authority to repair L1.
7. As L1 is not water-proof, make sure to take appropriate precautions in humid or rainy weather and keep it dry at all times.
8. Before connecting any other device to L1, please read detailed instructions in the user manual. To avoid any possible damage do not connect L1 to any incompatible product.
9. It is normal for the L1 to become warm during operation.
10. Specification and functions vary in different areas.
11. A different network setup, various makes of SIM card, and different modes of operation could be the cause of varying rates of L1's power consumption.
12. L1 is GSM 900/1800 ready. Before using the device you should purchase an SIM card from a local telecommunication service provider. This service should include at least the GSM short message service.
13. Try to use L1 with its face up and avoid metal covering its surface, which will cause bad or no GPS reception.
14. L1 uses an app that can be installed on both Android and iOS smartphones. The app can be used for free within one year from the date it was purchased and installed. Once it expires, the app will send out an automatic reminder. To extend the period of use, please follow the app reminder to complete the purchase and you can continue to use it.



## Battery Safety Notices

Failing to use the battery correctly could be hazardous. Please pay attention to the following.

1. Please use the included power adapter and USB cable to charge the battery. Please refer to the manual for charging instructions.
2. If any of the following occurs during charging, stop charging immediately and unplug the power adapter:
  - Power cord or power adapter has wears or ruptures.
  - The power adapter produces high temperature, heat, smoke, and other abnormalities.
  - L1 produces high temperature, heat, smoke, swell, deformation, battery leakage, and other abnormalities.
  - The power adapter becomes damp due to water, liquid, or moisture.
3. Your L1 is powered by a rechargeable battery that can be frequently charged and discharged.
4. Do not attempt to replace the battery in L1. The battery can only be replaced by Leadtek authorized service providers or dealers.
5. Do not apply any steel tools or any other hard objects to L1 and avoid stepping on it. Any of the latter could cause battery leakage with adverse results.
6. Do not heat L1 or place it close to the source of fire, a stove, or any heated environment over 80°C; short circuiting could result in smoke emission or a fire.
7. Charge the battery in normal temperature conditions. Avoid direct exposure to the sun, stove, or any other environment where the temperature exceeds 80°C. Follow the manual for proper battery charging procedure and pay close attention while this takes place.
8. If the battery is charged in an abnormal environment the battery protection device will fail. An adverse chemical reaction will result as well as a potentially hazardous surge in electrical current.
9. Charging the battery for longer than the recommended charging time will shorten battery life. If the battery does not fully charge in the set time, stop charging immediately to avoid fire.
10. Avoid direct physical contact with any battery leakage. If there is any contact with battery leakage, make sure there is no contact between hands and eyes. Wash eyes with running water and consult with a doctor immediately if any contact accidentally occurs.

## Technical Specifications

Brand: LEADTEK

Product name: L1 SMS mini tracker

Model: LR8M11

Specifications:

<b>Chipset</b>	MTK
<b>Internal storage</b>	64Mbit Serial Flash
<b>GPS</b>	SiRF
<b>GSM band</b>	Dual band 850/1900MHz
<b>Voltage</b>	5V
<b>Current</b>	400mA
<b>Sensor</b>	3-Axis Acelercometer
<b>Charging</b>	Micro USB
<b>Button</b>	Power Key
<b>Battery</b>	Built-in 320mAh Li-Polymer rechargeable battery pack
<b>Interface</b>	GSM/GPRS SMS
<b>Temperature</b>	Operating range : 0°C to 50°C Storage range: -10°C to 60°C
<b>Dimension</b>	4x4x1.4cm
<b>Weight</b>	27g
<b>Platform</b>	Android/iPhone APP
<b>Standby time</b>	120hr(standby mode)