LNCOON LN-D41

LNCOON GPS Tracker User Manual

Model: LN-D41

1. Product Overview

The LNCOON LN-D41 GPS Tracker is a 4G LTE real-time car tracking device designed for precise location monitoring, speed tracking, and fleet management. It features an OBD Plug & Play design for easy installation and offers multiple alert functionalities through an intuitive mobile application and web platform.

- **Pinpoint Accuracy:** Leverages advanced GPS technology for precise real-time location tracking.
- **Long Battery Life:** Equipped with a high-capacity rechargeable battery for extended tracking periods.
- **Compact and Discreet:** Sleek, portable design allows for easy concealment or attachment.
- **Geofencing and Alerts:** Set virtual boundaries and receive instant notifications for entry/exit.
- **User-Friendly App:** Access location data, historical routes, and customizable settings via mobile application.

2. Package Contents

Please ensure all items are present in your package:

- LNCOON LN-D41 GPS Tracker
- Cable
- Battery

3. Setup Guide

3.1. Device Installation (OBD Plug & Play)

The LNCOON LN-D41 GPS Tracker is designed for simple plug-and-play installation into your vehicle's OBD-II port. This port is typically located under the dashboard on the driver's side.

Image: The LNCOON GPS Tracker is shown being plugged into a vehicle's OBD-II port, demonstrating its easy plug-and-play installation. The image also highlights compatibility with various vehicle types including trucks, RVs, and cars, and a 9-36V operating voltage.

3.2. App Download and Account Creation

To utilize the full features of your LNCOON GPS Tracker, download the official LNCOON IOT app from your mobile app store (Android & iOS) or access the PC Webpage.

Your browser does not support the video tag.

Video: This video provides a step-by-step guide on how to sign up for an account and add your device using the IMEI number or by scanning the QR code within the Lncoon app. It also demonstrates how to edit device information.

1. Search for "LNCOON IOT" in your device's app store and install it.
2. Open the app and follow the on-screen instructions to create a new account.
3. Once logged in, add your device by entering the IMEI number or scanning the QR code located on the device.

4. Operating Instructions

4.1. Real-Time Tracking

The LNCOON GPS Tracker provides real-time location data accessible through the mobile app or web platform. You can view the current position of your vehicle on a map with high precision.

Image: A smartphone screen shows a map with a vehicle's real-time location and a notification about driving duration. The LNCOON GPS tracker device is positioned next to the phone, emitting sound waves, indicating active tracking and alerts.

The device utilizes INS (Inertial Navigation System) aided GPS tracking, which helps maintain accurate trajectories even in areas with weak GPS signals, such as tunnels or parking garages.

Image: This diagram illustrates how the LNCOON GPS tracker maintains constant tracking in challenging environments like tunnels and parking lots by using INS-aided GPS technology, ensuring continuous location data even when satellite signals are weak.

4.2. Driving Behavior Monitoring and Alerts

The tracker monitors various driving behaviors and provides alerts for safety and efficiency. These include overspeeding, fatigue driving, harsh braking, harsh acceleration, and sharp turns.

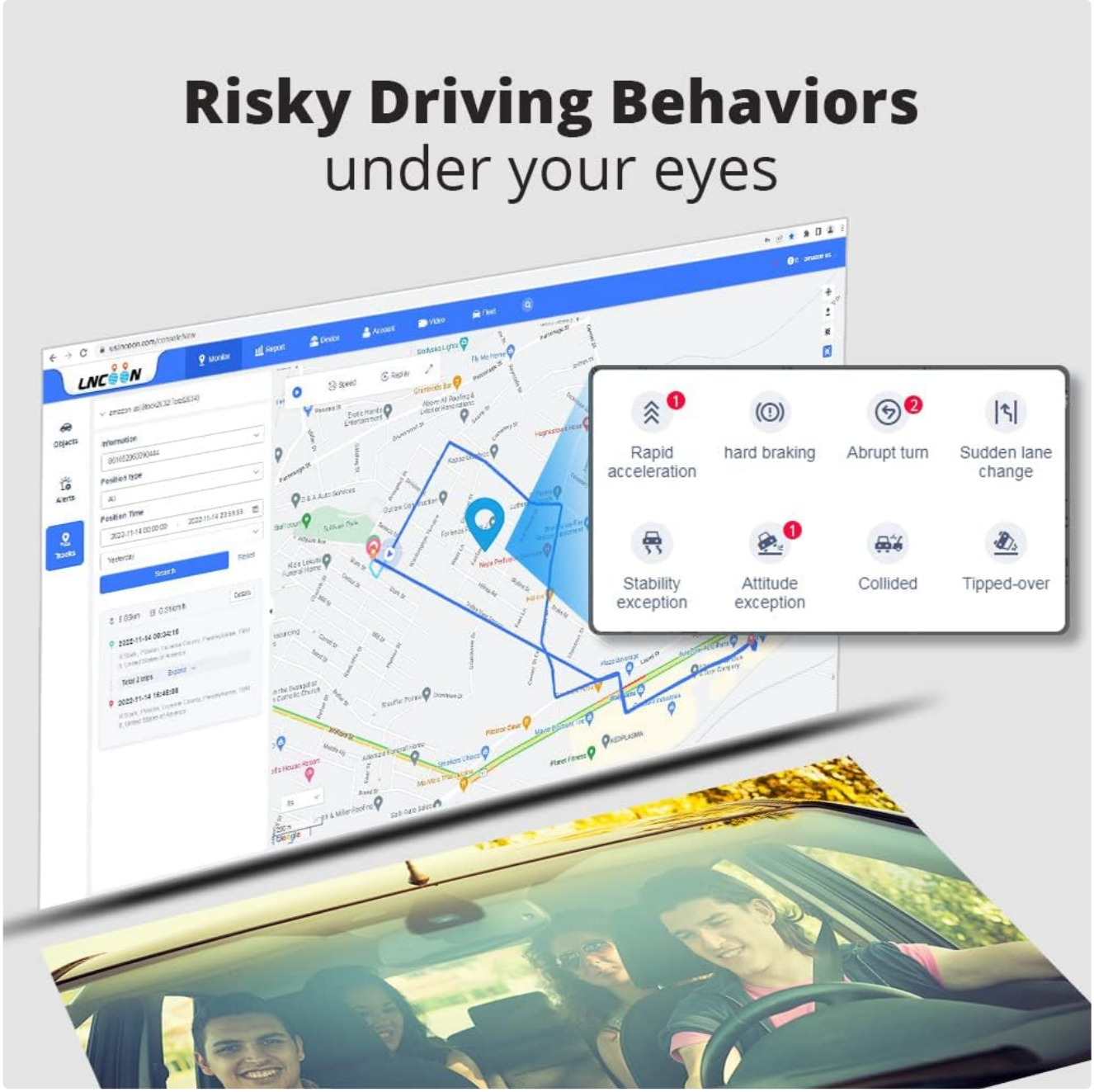

Image: This image displays a computer screen showing a map with a vehicle's route and icons representing various risky driving behaviors detected by the tracker, such as rapid acceleration, hard braking, abrupt turns, sudden lane changes, stability exceptions, attitude exceptions, collisions, and rollovers.

Your browser does not support the video tag.

Video: This video demonstrates the LNCOON GPS tracker's alert features, including overspeeding alerts with voice prompts and fatigue driving alerts, showing how the device notifies the driver and sends alarms via the app and web platform. It also illustrates geofencing entry and exit alerts.

- **Overspeed Alert:** Receive notifications if the vehicle exceeds a set speed limit.
- **Driving Fatigue Alert:** Alerts the driver if driving continuously for an extended period.
- **Harsh Braking/Acceleration/Sharp Turn:** Identifies and reports aggressive driving patterns.

4.3. Geofencing

Set up virtual boundaries (geofences) on the map. You will receive instant alerts when the vehicle enters or exits these predefined areas.

Image: This image shows the LNCOON IOT web platform interface, highlighting features like report export and irregular fence creation, indicating its utility for professional fleet management and detailed tracking analysis.

4.4. History Playback

Review past routes and driving data for up to 180 days. This feature allows you to analyze travel patterns, stops, and parking durations.

4.5. Mileage Calculation

The device provides accurate mileage calculation, with a precision rate of over 98%, useful for trip logging and expense tracking.

4.6. Multi-Device Management

Manage multiple LNCOON GPS trackers from a single account on the app or web platform, ideal for fleet or family vehicle tracking.

5. Alerts and Notifications

The LNCOON GPS Tracker provides various alerts to keep you informed about your vehicle's status and activities:

- **Insufficient Car Battery Alert:** Notifies you if the vehicle's battery voltage drops too low.
- **ACC On/Off Alert:** Informs you when the vehicle's ignition is turned on or off.
- **Unplug Alert:** Notifies you if the device is removed from the OBD-II port.
- **Dangerous Driving Behavior Report:** Summarizes instances of harsh driving.
- **Push Alerts:** Receive instant notifications directly to your mobile device.

6. Specifications

Feature	Detail
Product Dimensions	2.36 x 1.97 x 0.98 inches
Item Weight	2.89 ounces
Model Number	LN-D41
Connectivity Technology	Cellular (4G LTE)
Supported Application	LNCOON IOT (Android & iOS & PC Webpage)

Special Features	Share Tracking Link, 3D Street View, Push Alerts, Plug & Play, Speed & Mileage Monitoring
Specific Uses For Product	Intelligent Voice Prompt (Optional), Car Tracking, Driving Behavior Analysis
Manufacturer	LNCOON
Country of Origin	China

7. Troubleshooting

If you encounter issues with your LNCOON GPS Tracker, please refer to the following common troubleshooting steps:

- **No Signal/Offline Status:**
  - Ensure the device is securely plugged into the OBD-II port.
  - Verify that the SIM card (if applicable) is correctly inserted and has an active data plan.
  - Check for network coverage in the vehicle's current location.
- **Inaccurate Location:**
  - Ensure the vehicle is in an open area with clear sky view for optimal GPS signal reception.
  - Allow a few minutes for the device to acquire a stable GPS lock after installation or power-on.
- **Alerts Not Received:**
  - Check your app's notification settings and ensure they are enabled for LNCOON IOT.
  - Verify that alert conditions (e.g., geofence boundaries, speed limits) are correctly configured in the app.
- **Device Not Powering On:**
  - Confirm the vehicle's ignition is on and the OBD-II port is receiving power.
  - Ensure the device is fully inserted into the OBD-II port.

For further assistance, please contact LNCOON customer support.

8. Warranty and Support

LNCOON is committed to providing high-quality products and customer satisfaction. For any product-related inquiries, technical support, or warranty information, please contact LNCOON customer service through the contact details provided on the official LNCOON website or within the LNCOON IOT application.
Solving the difficulties encountered by customers is our greatest motivation. We not only solved the customer's demand for tracking, but also continued to improve the activation experience.