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› Winnes 4G TK816 OBDII GPS Tracker Instruction Manual

Winnes 4G TK816 OBDII GPS

Winnes 4G TK816 OBDII GPS Tracker User Manual

Model: 4G TK816 OBDII GPS

1. PRODUCT OVERVIEW

The Winnes 4G TK816 OBDII GPS Tracker is a compact, plug-and-play device designed for real-time vehicle tracking and fleet management. It utilizes 4G/2G cellular networks and GPS technology to provide accurate location data, accessible via a dedicated mobile application or web platform. The device features a built-in backup battery and offers various alert functions to enhance vehicle security and monitoring.



Image: The Winnes 4G TK816 OBDII GPS Tracker is a plug-and-play device, shown being inserted into a vehicle's OBD-II port for quick and convenient installation. It requires no complex wiring or external charging.

2. PACKAGE CONTENTS

Please verify that all items are present in the package:

- Winnes 4G TK816 OBDII GPS Tracker
- User Manual (this document)
- Internal Backup Battery (pre-installed)

3. SETUP GUIDE

3.1 SIM Card Installation

The device requires a 4G/2G SIM card with a data plan (minimum 30MB per month) for communication. Ensure the SIM card is active and has sufficient balance if it's a prepaid plan.

1. Locate the SIM card slot on the side of the tracker.
2. Carefully insert the activated SIM card into the slot with the metal contacts facing down, ensuring it clicks into place.
3. The device supports standard SIM card sizes.

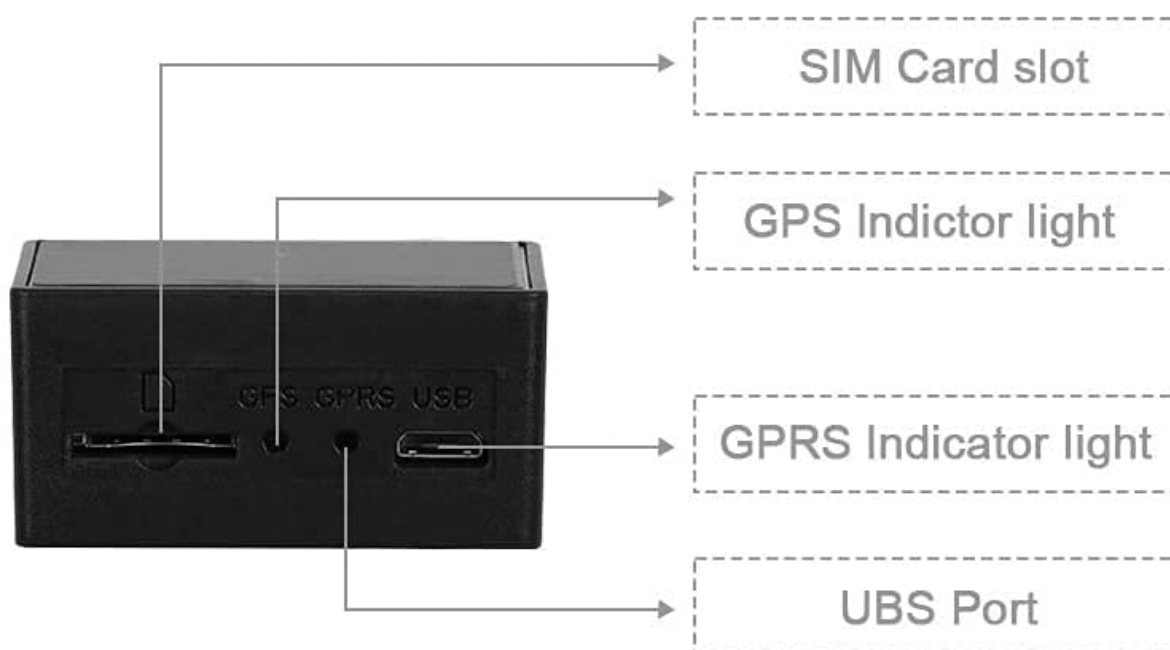
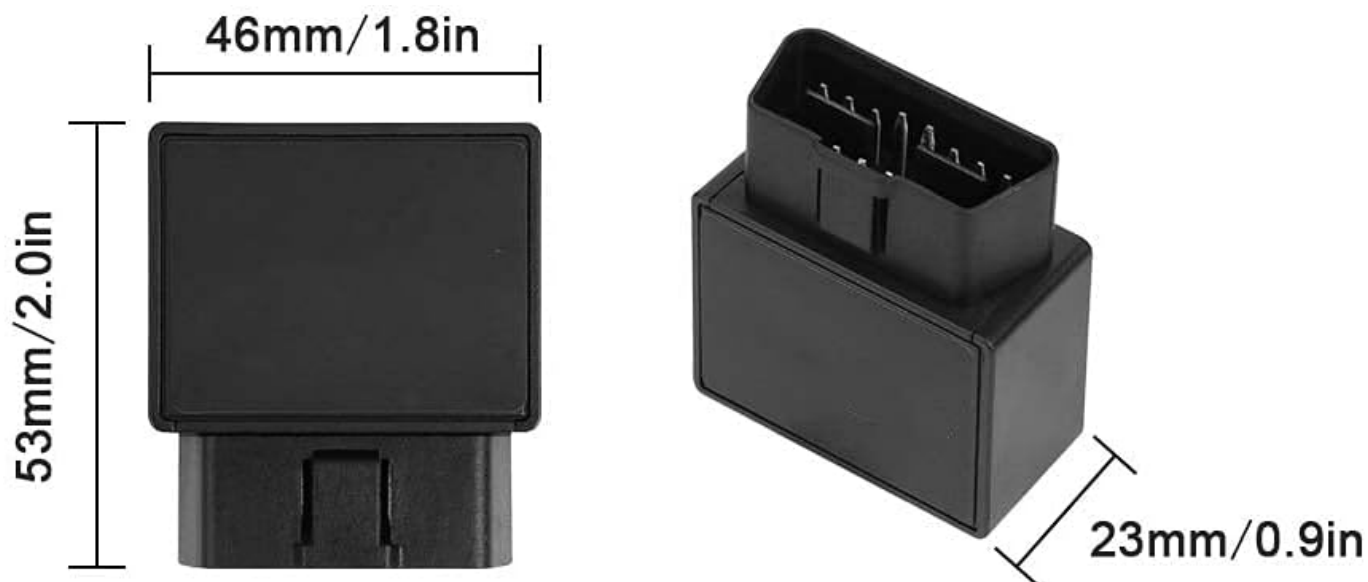


Image: Detailed view of the tracker showing its dimensions (46mm x 53mm x 23mm) and the location of the SIM card slot, GPS indicator light, GPRS indicator light, and USB port.

3.2 Device Installation

The Winnes 4G TK816 is designed for easy installation into your vehicle's OBD-II port.

1. Locate the OBD-II port in your vehicle. This port is typically found under the dashboard on the driver's side, but its exact location may vary by vehicle model. Refer to your vehicle's owner's manual if you cannot find it.
2. Plug the Winnes 4G TK816 OBDII GPS Tracker directly into the OBD-II port. Ensure a firm connection.
3. Once plugged in, the device will power on automatically. Observe the indicator lights for proper operation (refer to Section 3.3 for indicator light status).

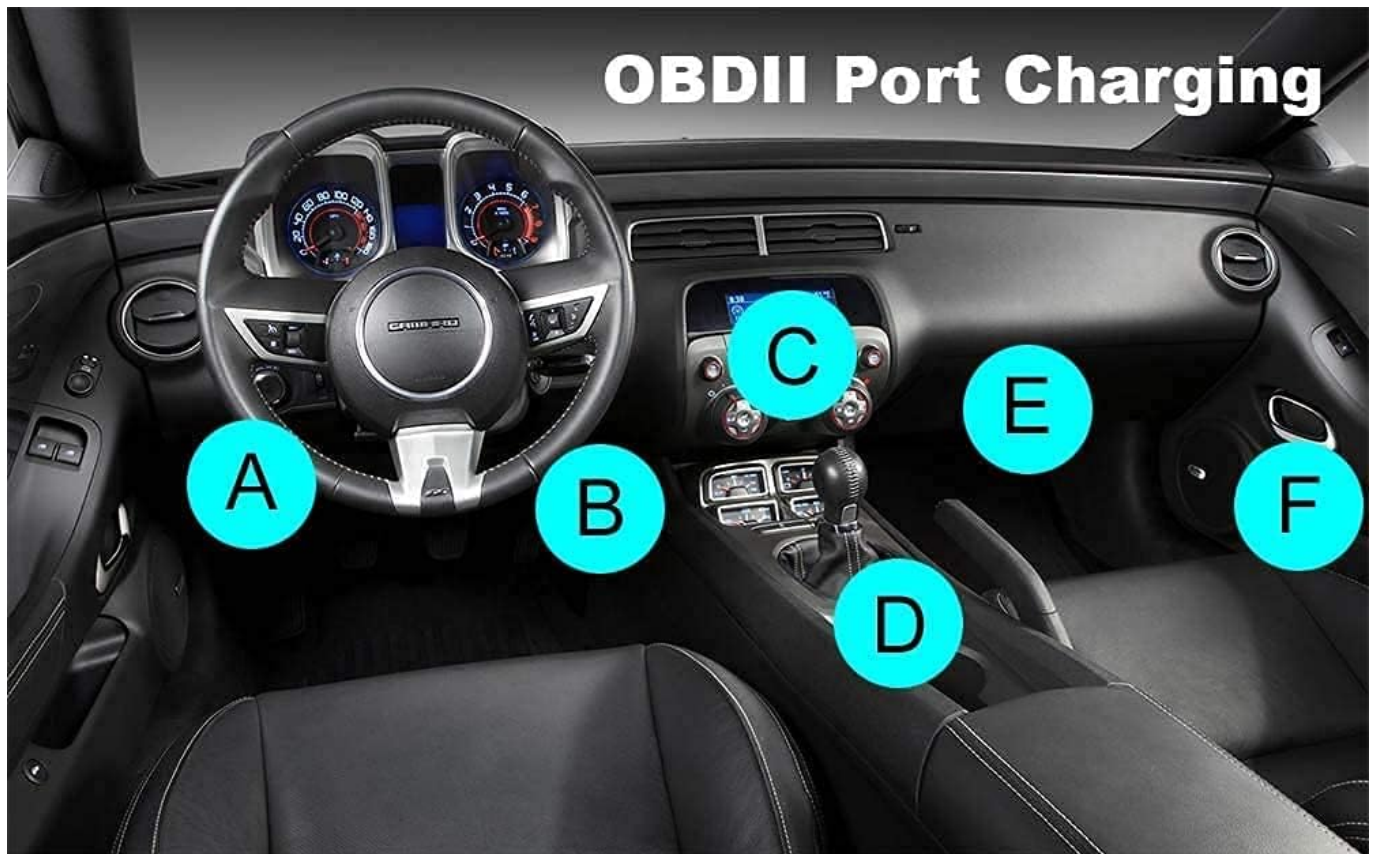


Image: Examples of common OBD-II port locations within a vehicle's interior, highlighting the ease of plugging in the tracker.

3.3 Indicator Lights

The device has indicator lights to show its status:

- **GPS Indicator Light:** Indicates GPS signal status. A solid light typically means a strong GPS signal.
- **GPRS Indicator Light:** Indicates cellular network status. A solid light typically means a stable connection to the cellular network.

4. OPERATING THE DEVICE

4.1 Accessing the Tracking Platform

The Winnes 4G TK816 offers a lifetime free tracking platform accessible via a mobile app or web browser.

1. **Mobile App:** Download the official tracking app from the App Store (iOS) or Google Play Store (Android). Search for "Winnes Tracker" or scan the QR code provided in the product packaging.

2. **Web Platform:** Access the web tracking platform via <http://www.mytkstar.net/download.htm>.
3. Log in using the device ID (usually found on the tracker itself) and the default password (refer to your product packaging or contact support if not provided).



Image: The tracking software interface displayed across various devices (mobile, tablet, computer), illustrating real-time tracking capabilities and alarm settings.

4.2 Key Tracking Functions

The tracking platform provides several features for monitoring your vehicle:

- **Real-time Tracking:** View the current location of your vehicle on a map with positioning accuracy up to 16ft/5m. The minimum upload interval is 10 seconds.
- **Geo-fence:** Set up virtual boundaries on the map. You will receive an alert if the vehicle enters or exits these predefined areas.
- **History Route Playback:** Review past travel routes of the vehicle for a specified period.
- **Over-speed Alarm:** Configure a maximum speed limit. An alert will be sent if the vehicle exceeds this limit.
- **Movement Alarm:** Receive alerts if the vehicle moves from a parked position.
- **Low Power Alarm:** Notifies you when the device's internal backup battery is running low.
- **Multi-Device Management:** Manage multiple trackers from a single account, suitable for fleet management.



Image: Visual representation of key features: Geo-Fence for boundary alerts, History Route Playback for reviewing past trips, Overspeed Alarm for speed monitoring, and Multi Devices Management for tracking multiple vehicles.

5. MAINTENANCE

To ensure optimal performance and longevity of your Winnes 4G TK816 GPS Tracker, follow these maintenance guidelines:

- **Keep Clean:** Periodically wipe the device with a soft, dry cloth to remove dust and debris. Avoid using harsh chemicals or solvents.
- **Secure Connection:** Ensure the tracker remains firmly plugged into the OBD-II port. A loose connection can interrupt power and data transmission.
- **Battery Care:** The device has a built-in 120mAh polymer Lion-battery providing approximately 30 minutes of backup power if the vehicle's power is off. This battery is not user-replaceable.
- **Environmental Conditions:** Avoid exposing the device to extreme temperatures, direct sunlight for prolonged periods, or excessive moisture.

6. TROUBLESHOOTING

If you encounter issues with your Winnes 4G TK816 GPS Tracker, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Device not powering on	Loose OBD-II connection, vehicle's OBD-II port fuse blown, vehicle not powered on.	Ensure the device is securely plugged in. Check your vehicle's fuse box for a blown fuse related to the OBD-II port or cigarette lighter circuit and replace if necessary. Ensure the vehicle's ignition is on.
No GPS signal / Inaccurate location	Device in an area with poor GPS reception (e.g., indoors, underground parking), GPS indicator light off.	Move the vehicle to an open area with a clear view of the sky. Wait a few minutes for the device to acquire a GPS signal.
No GPRS (cellular) connection	SIM card not inserted correctly, SIM card not activated, no data plan, poor cellular network coverage, GPRS indicator light off.	Reinsert the SIM card. Verify the SIM card is activated and has an active data plan. Move to an area with better cellular coverage. Contact your SIM card provider if issues persist.
Tracking platform not updating	No GPRS connection, server issues, incorrect login credentials.	Check GPRS connection (see above). Verify your internet connection. Ensure you are using the correct device ID and password. Try logging in again.

7. SPECIFICATIONS

Technical specifications for the Winnes 4G TK816 OBDII GPS Tracker:

- **Model Number:** 4G TK816 OBDII GPS
- **Dimensions:** 2.1 x 1.8 x 0.9 inches (53mm x 46mm x 23mm)
- **Weight:** 3.84 ounces
- **Connectivity:** Cellular (4G/2G)
- **Positioning Accuracy:** Up to 16ft/5m
- **Backup Battery:** 120mAh Lithium Ion (provides approx. 30 minutes of power)
- **Supported Applications:** Alarm, GPS
- **Specific Uses:** Vehicle tracking, Fleet management
- **Manufacturer:** Winnes

8. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation included with your purchase or contact Winnes customer service directly. Details regarding warranty periods and claims procedures are typically provided by the manufacturer or seller at the time of purchase.

For further assistance, you may visit the official Winnes website or the platform support page at

<http://www.mytkstar.net/download.htm>.

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question