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- › [thinkcar](#) /
- › **THINKCAR Thinkdiag Mini Bluetooth OBD2 Scanner User Manual**

## thinkcar Bluetooth OBD2 Scanner

# THINKCAR Thinkdiag Mini Bluetooth OBD2 Scanner

## USER MANUAL

Model: Bluetooth OBD2 Scanner

### Introduction

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The THINKCAR Thinkdiag Mini Bluetooth OBD2 Scanner is a compact and powerful diagnostic tool designed for both iOS and Android devices. It provides comprehensive OEM-level full system diagnostics, allowing users to read and clear fault codes, view live data, and perform various maintenance functions. This manual provides detailed instructions for setting up, operating, and maintaining your Thinkdiag Mini scanner.

### Product Overview

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Image: The Thinkdiag Mini device connected to a smartphone displaying the THINKCAR app interface. This image highlights the compact size of the scanner and its wireless connectivity with mobile devices.

The Thinkdiag Mini is a portable OBD2 scanner that connects to your vehicle's OBDII port and communicates wirelessly via Bluetooth with your smartphone or tablet. It offers a wide range of diagnostic capabilities, including:

- **All Systems Diagnostic:** Read/clear fault codes, read live data, and perform actuation tests for various vehicle systems like ECM, BCM, SRS, TCM, BMS, TPMS, SAS, A/C system, and more.
- **Full OBD2 Functions:** Supports all 10 OBD2 test modes, including Read Codes, Erase Codes, MIL Fault Indicator Light, Live Data, EVAP System Test, On-Board Monitor Test, View Freeze Frame, O2 Sensor Test, Vehicle Info, I/M Readiness, and DTC Code Look-up.
- **Easy to Use:** Simple plug-and-play operation with intuitive app interface for quick diagnostics.
- **Wide Vehicle Coverage:** Compatible with US-based OBDII compliant vehicles (KWP2000, ISO9141, J1850 VPW, J1850 PWM, and CAN protocols), including sedans, SUVs, light duty trucks, mini vans, and hybrids.

## Setup Guide

### 1. 1. Download the THINKDIAG App:

Search for "THINKDIAG" in the Apple App Store (for iOS) or Google Play Store (for Android) and download the official application. Ensure your device meets the operating system requirements (Android 5.1 or iOS 9.0 and above).

**COVER**  
**120+**  
**CAR MAKES**

Work for All OBD-II  
& EOBD Car After 1996

**AND**  
**100,000+**  
**VEHICLES MODELS**

**NOTE:** Use and update without any cost

**11+**  
**LANGUAGES**

English Spanish French German Italian Japanese  
Russian Portuguese Polish Chinese Turkish

Google Play  
APP Store

Image: A visual guide illustrating the quick setup process, including downloading the app, connecting the device, and initiating diagnosis.

### 2. 2. Connect the Thinkdiag Mini to your Vehicle:

Locate your vehicle's OBDII port, typically found under the dashboard on the driver's side. Plug the Thinkdiag Mini diagnostic tool firmly into the OBDII port. The device will power on automatically.

# CONFIGURATION & REQUIREMENTS

Android 5.1 or iOS 9.0 and above

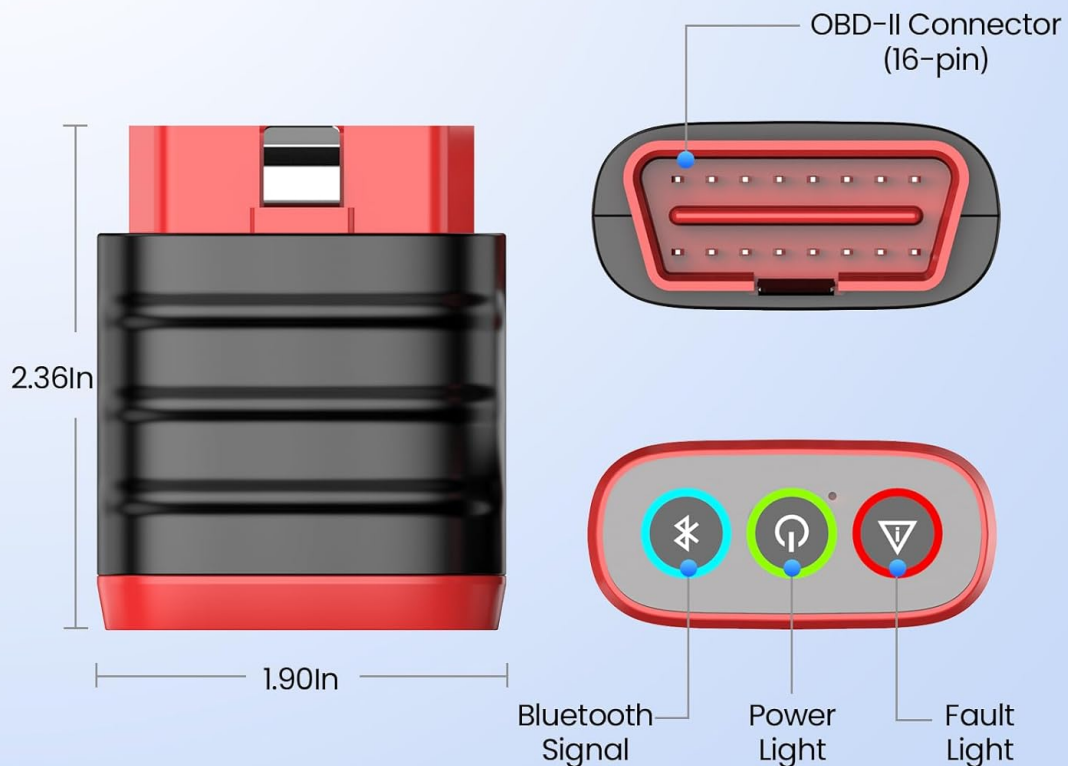


Image: A detailed diagram showing the dimensions of the Thinkdiag Mini and the pinout of its 16-pin OBD-II connector, along with indicators for Bluetooth signal, power, and fault lights.

### 3. Pair with your Phone via Bluetooth:

Turn on your vehicle's ignition (engine can be off or running). Open the THINKDIAG app on your smartphone. The app will guide you through the Bluetooth pairing process. Select the Thinkdiag Mini from the list of available Bluetooth devices. Once connected, the Bluetooth signal light on the device will indicate a successful connection.

### 4. Download Vehicle Software:

After successful pairing, the app may prompt you to download specific vehicle software packages. Download the necessary software for your vehicle's make and model to enable full diagnostic capabilities.

### Setup and Operation Video Guide



Video: This official video from THINKCAR demonstrates the process of connecting the Thinkdiag Mini to a vehicle, pairing it with a smartphone, and performing initial diagnostic scans, including VIN decoding and full system health reports. It visually guides users through the plug-and-play functionality.

## Operating Instructions



Once the Thinkdiag Mini is set up and connected, you can begin diagnosing your vehicle using the THINKDIAG app.

## Full System Diagnostics

The Thinkdiag Mini can access and diagnose all electronic control systems in your vehicle. This includes, but is not limited to, Engine, Transmission, ABS, Airbag, EPB, TPMS, Battery System, Air Conditioning, and more.



Image: An illustrative diagram showcasing the extensive full system diagnostic coverage of the Thinkdiag Mini, including various modules like Engine System, ABS, BMS, SRS, and more, with a smartphone displaying the diagnostic menu.

1. From the app's main menu, select "All Systems Diagnostic".
2. The scanner will automatically identify your vehicle's VIN (Vehicle Identification Number) and initiate a full system scan.
3. Review the health report generated by the scan, which will highlight any detected fault codes across different systems.

## Full OBD2 Functions

For engine-related diagnostics and emissions checks, the Thinkdiag Mini supports all standard OBD2 functions.



Image: A screenshot of the THINKDIAG app interface detailing the full suite of OBD-II functions available, such as Read Codes, Erase Codes, Live Data, and O2 Sensor Test.

- **Read Codes:** Retrieves Diagnostic Trouble Codes (DTCs) from the vehicle's computer.
- **Erase Codes:** Clears DTCs from the vehicle's computer and turns off the Malfunction Indicator Lamp (MIL).
- **Live Data:** Displays real-time data stream from the vehicle's sensors in text or graph format.
- **View Freeze Frame:** Shows a snapshot of the vehicle's operating conditions at the time a fault code was set.
- **I/M Readiness:** Checks the readiness of the emission monitoring systems.
- **O2 Sensor Test:** Retrieves O2 sensor monitor test results.
- **EVAP System Test:** Initiates a test of the vehicle's evaporative emission system.
- **Vehicle Information:** Retrieves the vehicle's VIN, Calibration ID, and Calibration Verification Number.

# THINKDIAG MINI

## WITH INTELLIGENT WIRELESS DIAGNOSTICS

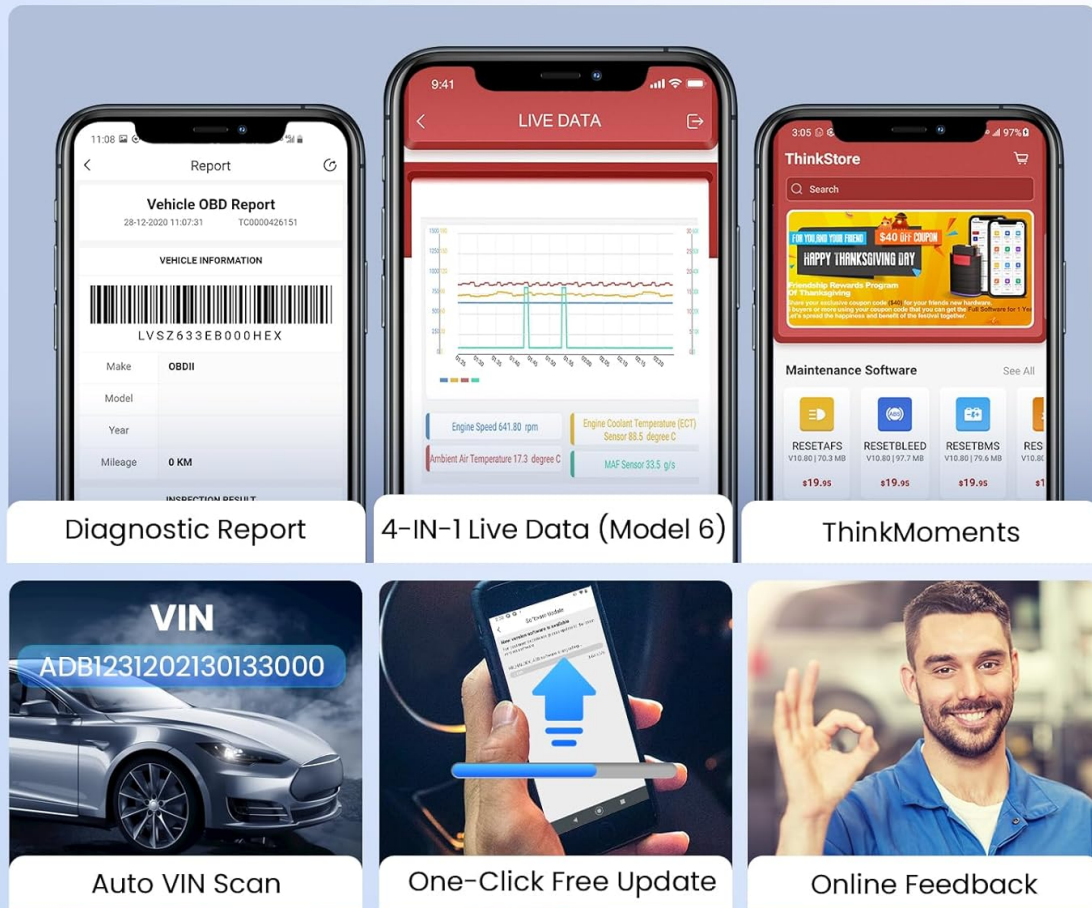


Image: A composite image showcasing various intelligent wireless diagnostic features of the Thinkdiag Mini, including diagnostic reports, 4-in-1 live data display, VIN auto-scan, one-click free updates, and online feedback options.

## Maintenance

To ensure the longevity and optimal performance of your THINKCAR Thinkdiag Mini, follow these maintenance guidelines:

- **Cleaning:** Wipe the device with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Storage:** Store the device in a cool, dry place away from direct sunlight and extreme temperatures.
- **Software Updates:** Regularly check for and install software updates via the THINKDIAG app to ensure compatibility with new vehicle models and access to the latest features. Updates are typically free.
- **Connection Care:** Always plug and unplug the device carefully from the OBDII port to avoid damaging the connector pins.

## Troubleshooting

If you encounter issues while using your Thinkdiag Mini, refer to the following common troubleshooting tips:

- **Device Not Powering On:** Ensure the Thinkdiag Mini is securely plugged into the vehicle's OBDII port.

Check the vehicle's ignition status; some vehicles require the ignition to be on for the OBDII port to be active.

- **Bluetooth Connection Issues:**

- Ensure Bluetooth is enabled on your smartphone.
- Restart the THINKDIAG app.
- Forget the device in your phone's Bluetooth settings and re-pair.
- Ensure the Thinkdiag Mini is within Bluetooth range of your phone.

- **No Communication with Vehicle:**

- Verify the device is correctly plugged into the OBDII port.
- Confirm your vehicle is OBDII compliant (most vehicles from 1996 onwards in the US).
- Check if the vehicle's ignition is on.
- Ensure the correct vehicle software has been downloaded and selected in the app.

- **Fault Code Persists After Clearing:**

If you clear a fault code without addressing the underlying issue, the code will reappear. The scanner clears the code from the vehicle's memory, but it cannot fix mechanical or electrical problems. It is crucial to repair the car first based on the diagnostic information, and then clear the fault code.

- **App Freezing or Crashing:**

- Close and restart the app.
- Ensure your smartphone's operating system is up to date.
- Clear the app's cache (Android) or reinstall the app.

## Specifications

Feature	Specification
Brand	thinkcar
Model	Bluetooth OBD2 Scanner
Item Weight	3.2 ounces
Product Dimensions	2.36 x 1.9 x 0.88 inches
Operating System	Android & iOS (Android 5.1+, iOS 9.0+)
Connectivity	Bluetooth
OBDII Protocols Supported	KWP2000, ISO9141, J1850 VPW, J1850 PWM, CAN
UPC	768297279775
What's in the Box	1* Bluetooth OBD2 Scanner

## Warranty and Support

For specific warranty information regarding your THINKCAR Thinkdiag Mini, please refer to the documentation included with your purchase or contact THINKCAR customer support directly. While protection plans are available for purchase separately, the manufacturer's warranty covers defects in




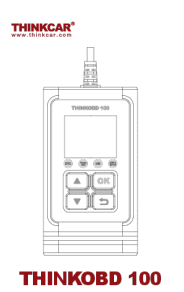
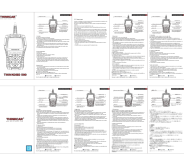
materials and workmanship for a specified period.

For technical assistance, product inquiries, or support, please visit the official THINKCAR website or contact their customer service team. Regular software updates are provided to enhance functionality and compatibility.



Image: Professional technical support is available to assist with any questions or issues you may encounter with your Thinkdiag Mini scanner.

Related Documents - Bluetooth OBD2 Scanner

	<p><a href="#">THINKCAR 2 OBD2 Scanner User Guide</a></p> <p>User guide for the THINKCAR 2 OBD2 scanner, detailing app download, account registration, device binding, and usage for car diagnostics on iPhone and Android devices.</p>
	<p><a href="#">THINKCAR THINKOBD 100 Quick Start Guide</a></p> <p>This document provides a quick start guide for the THINKCAR THINKOBD 100, covering its functions, usage, and warranty information. It details how to diagnose vehicle systems, read and clear DTCs, and update the device software. The guide is available in multiple languages including English, French, Spanish, German, Russian, Italian, Portuguese, and Japanese.</p>
	<p><a href="#">THINKCAR THINKOBD 500 Quick Start Guide and Warranty Information</a></p> <p>Concise guide to setting up, updating, and using the THINKCAR THINKOBD 500 OBD2 diagnostic scanner, including warranty details and FCC compliance information.</p>

