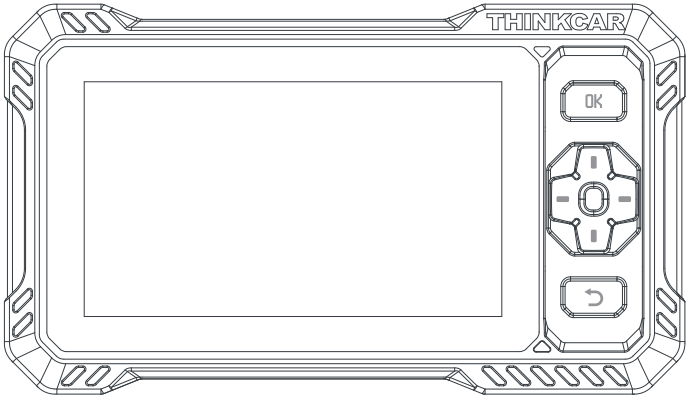
THINKCAR

LEADING TECH IN DIAGNOSTICS



ThinkTool Reader 8

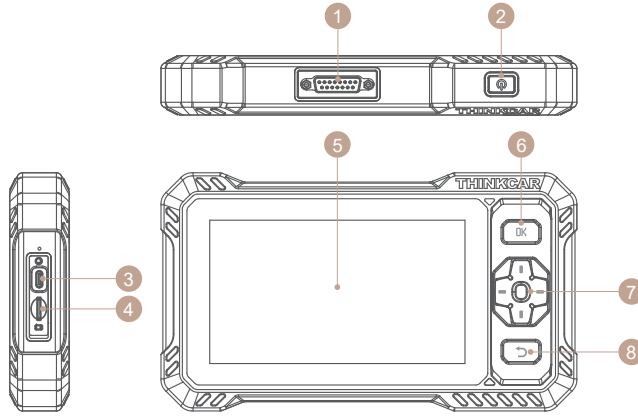
Quick Start Manual

THINKCAR

1 Product Overview

ThinkTool Reader 8 is a next-generation intelligent diagnostic device powered by Android 8.1. Featuring both touch and button operation, it delivers exceptional, professional and comprehensive diagnostic features, including reading and clearing DTCs, real-time data reading, actuation tests, etc.

2 Components & Controls



NO.	Name	Descriptions
1	Diagnostic Cable Interface	Connect to vehicle's OBD port for diagnosis.
2	Power/Screen Lock Button	Press and hold for 3 seconds to turn on or off; Press once to lock or unlock the screen.
3	Charging Port	Type-C charging port for charging or data transmission.
4	TF card slot	Expandable storage slot supporting up to 128GB.
5	Touch Screen	6.2-inch display for user interaction.
6	Confirm button	Execute the selected function.
7	Direction button	Control cursor movement for selection.
8	Return button	Cancel the current action or return to the previous menu.

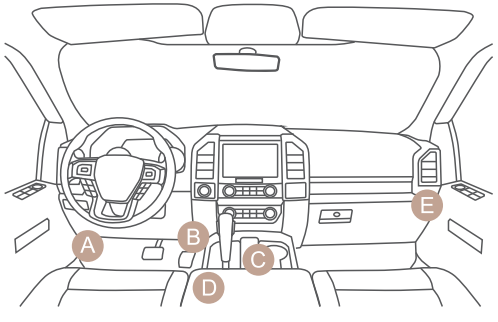
3 Technical Specifications

Host Computer	
Screen	6.2 inches
Resolution	1024*600 pixel
Working Voltage	9~18V
Workding Current	≤1.2A
Working Environment	32°F~122°F(0°C~50°C)
Storage Environment	-4°F~140°F(-20°C~60°C)
Supported Protocols	
SAE J1850 PWM, SAE J1850 VPW, ISO 9141-2 ISO, ISO 14230-4 KWP, ISO 15765-4 CAN, CANFD.	

4 How To Use

4.1 Find Data Link Connector (DLC) Location, plug in the connector.

The DLC (Data Link Connector or Diagnostic Link Connector) is typically a 16 pin connector where diagnostic code readers interface with the vehicle's onboard computer. Connect the Reader 8 with your vehicle through the OBDII port/diagnostic cable. Usually, the OBDII port is located under the dashboard, above the pedal on the driver's side. The five locations shown in the picture are common OBDII port locations.

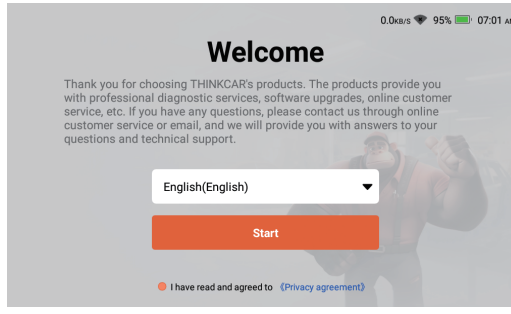


4.2 Turn on the device

After pressing the power button, image will be shown on the screen as follow.

4.3 Language Setting

Select the tool language from the languages displayed on the page, If you do not select a language, the default language is English. Please read and agree to the privacy agreement. Click the Start button to start using this product.



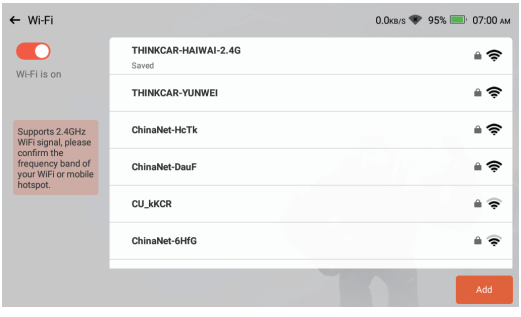
4.4 Connect Wi-Fi (Recommend)

This product only supports 2.4GHz frequency band WiFi.

For a better product experience, we recommend that you connect to Wi-Fi and check and update to the latest software version before you start using the product. If there is no Wi-Fi, you can connect to the mobile hotspot, but please

note that some software has a large capacity, so please pay attention to the data consumption in a non-Wi-Fi environment to avoid additional data consumption and incurring fees.

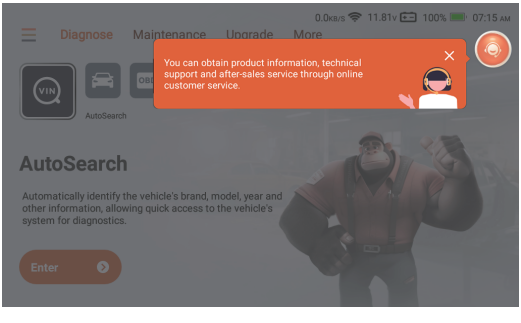
Tips: All diagnostic software is pre installed when the product leaves the factory, and it can be used for the first time without internet connection.



4.5 Start Using

When you enter the product homepage, you can use the product functions. Our products provide online customer service functions. If you have any product-related questions, you can get technical support through online customer service. We have a professional team to provide you with services.

Tips: If you want to diagnose a vehicle, remember to turn the ignition switch to the ON.



5 Function Descriptions

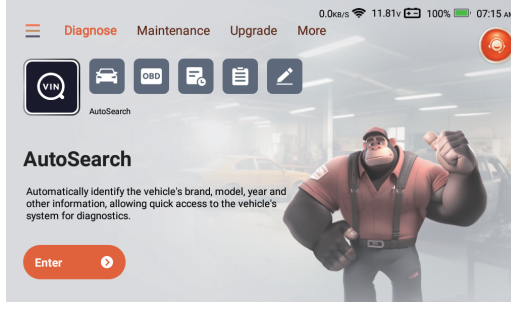
The ThinkTool Reader 8 provides 4 functional modules, including Diagnose, Maintenance, Upgrade, More. In addition, there are shortcuts to the above functions.

Tips: Please note that manual and product pages may differ due to version updates.

Tips: Different models of products display different product names.

5.1 Diagnose

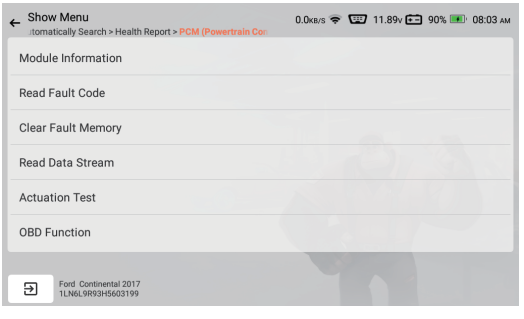
Full system diagnosis: it supports more than 110 automobile brands, smart diagnosis, read fault codes, clear fault codes, read real-time data streams, action tests, etc. A diagnostic report will be automatically generated after the diagnosis.



5.1.1 AutoSearch

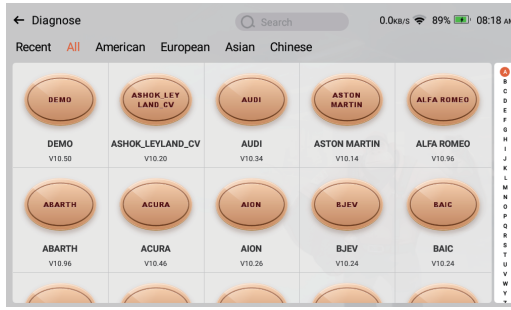
Autosearch can automatically read the car's VIN number, manufacturer and year of manufacture. If the vehicle information cannot be read, you can enter it manually and continue the diagnosis.

After scanning the vehicle's ECU system and selecting the ECU, a diagnostic function menu is generally obtained, as shown below. By executing the corresponding function, the system can ultimately obtain the vehicle's faults or dynamic data from various sensors. The machine has action testing function.



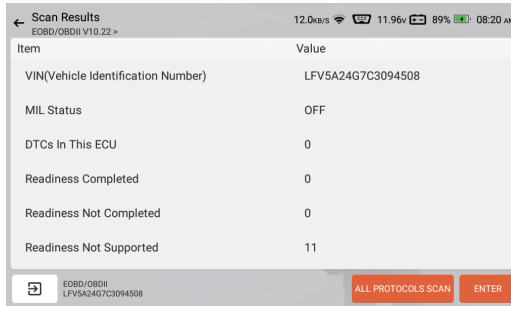
5.1.2 Diagnose

The diagnose module supports manual vehicle selection. You can filter by vehicle region, brand, model, etc. Using this function requires you to have a full understanding of the diagnostic vehicle information. If you do not know enough about the vehicle information, it is recommended that you use Autosearch to automatically identify the vehicle information and perform diagnosis.



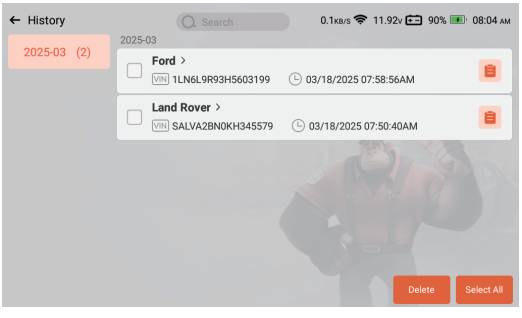
5.1.3 OBD

OBD (On-Board Diagnostics) is a system found in most modern vehicles that monitors and diagnoses the performance of various components. It allows mechanics and car owners to access real-time data and troubleshoot issues more efficiently. OBD can provide information about engine speed, fuel efficiency, emission levels, and sensor readings. Additionally, it can detect and display fault codes, enabling technicians to identify and fix problems quickly. Overall, OBD plays a crucial role in vehicle maintenance and helps ensure optimal performance and reduced emissions. When you click the OBD button, the connection will automatically start. After the connection is successful, you will enter the OBD diagnostic page.



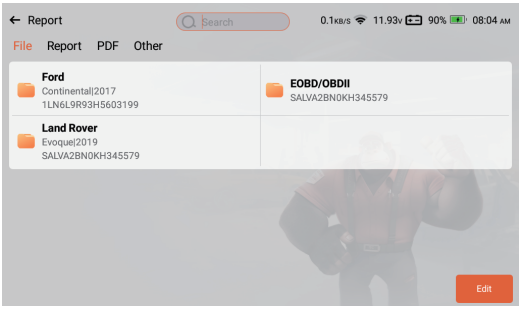
5.1.4 History

The diagnosed vehicle records will be displayed here. Click to view the diagnosis records. If you diagnose a vehicle that has been diagnosed in the history records again, click the arrow in the history records to quickly diagnose the vehicle again.



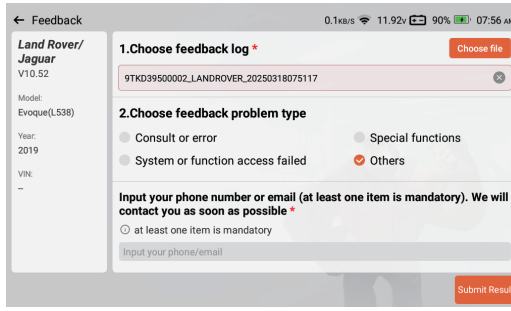
5.1.5 Report

Historical vehicle diagnostic reports can be found here.



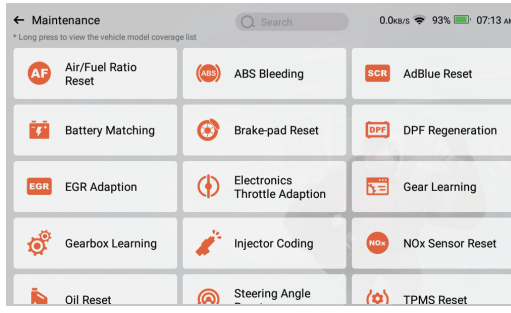
5.1.6 Feedback

You can feedback the diagnostic software/app bugs to us for analysis and improvements. Your submitted questions will be analyzed and provided with solutions by professionals.



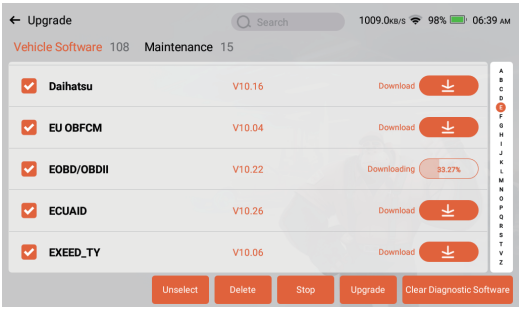
5.2 Maintenance

The reset function in car maintenance refers to the ability to reset certain maintenance indicators or parameters in a vehicle's onboard computer system. This feature allows users to clear or restart specific maintenance-related notifications or tracking systems.



5.3 Upgrade

This module supports you to download and update vehicle model software and maintenance software. And you can delete the software you no longer use in this module to save memory. The search box is at the top of the page, through which you can quickly find the software you need.

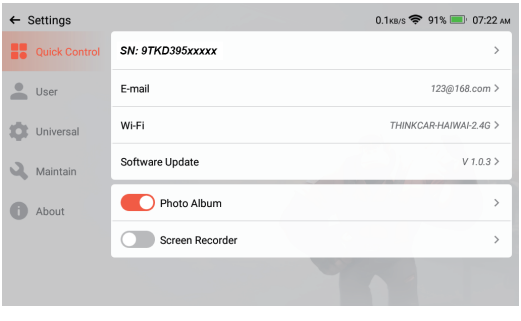


5.4 More

This module provides a variety of functions related to diagnosis, including query function, system settings, online Service etc. The following is a brief explanation of each function to help you quickly understand and use the product.

5.4.1 Settings

System settings for the product host. After the initial setting is completed, the user can modify or add related information here. All auxiliary functions are placed under this menu.



[Quick Control]: This menu includes settings for email, WiFi, Android system upgrade, image and video queries.

[User]: This menu contains the benefits and attributes of the device, such as gateway unlocking and setting of personal information.

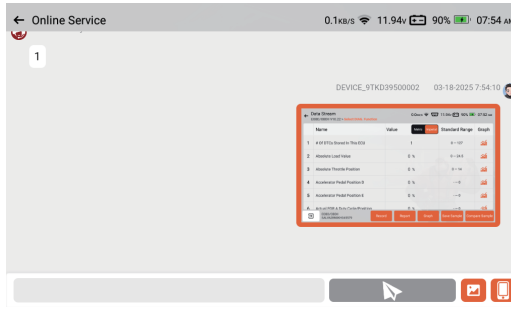
[Universal]: This menu contains all settings such as brightness, time, time zone, etc.

[Maintain]: This menu includes remote assistance, screen casting, clearing cache(for resetting local settings).

[About]: This menu mainly displays hardware and software information, such as storage capacity, product name, etc.

5.4.2 Online Service

Online manual customers provide you with product-related consultation and services.

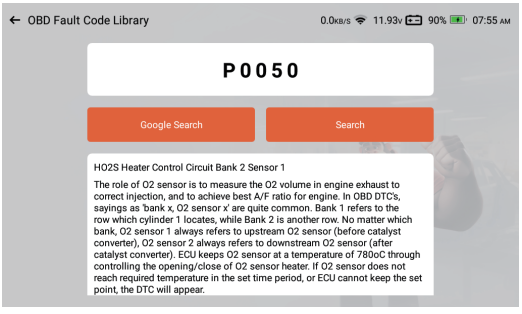


5.4.3 User Manual

Electronic manual of the product. If you lose the paper manual, you can view the electronic version here.

5.4.4 OBD Fault Code Library

If you encounter a fault code that you do not understand during the diagnosis process, you can check the detailed explanation of the fault code here.

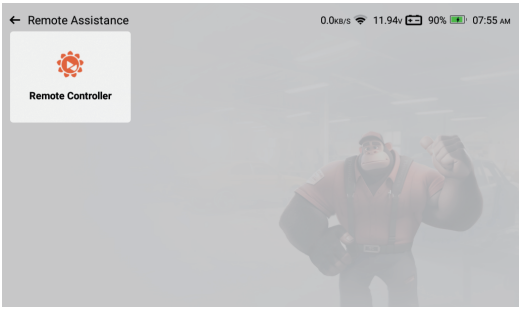


5.4.5 Coverage List

Check the models and functions supported by this product.

5.4.6 Remote Assistance

Provide service support through the use of remote assistance software. Please note that before using the remote assistance software, please communicate with the staff through the online customer service to arrange the assistance time so that the technical staff can provide assistance.



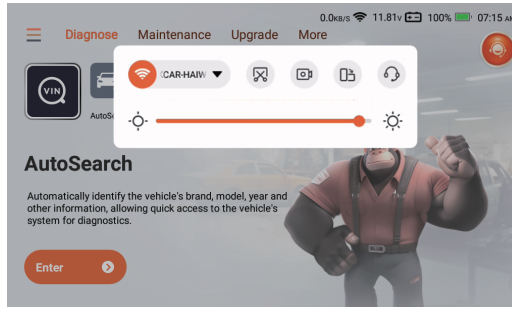
5.4.7 Gadget

Provide tools such as chrome.

5.5 Quick access

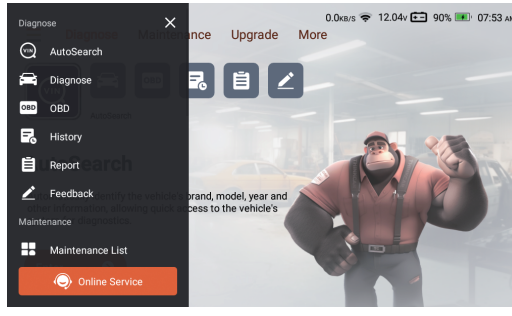
5.5.1 Quick Access to Settings

Swipe down from the screen to display the system settings shortcut keys. Supports Wi-Fi, Bluetooth, screenshot, screen recording, screen flip, screen brightness adjustment, and volume adjustment.



5.5.2 Function shortcuts

Click the icon in the upper left corner of the home screen to display the shortcut menu of product functions. Click the corresponding product function to quickly enter the function.



6 Q&A

Here we list some common questions and answers related to this tool.

Q: Why does the software upgrade fail?

A: Please check whether the device is stably connected to the internet.

Q: Why does it have no responses when connected to a car computer?

A: Check whether the connection with the vehicle diagnostic seat is normal, whether the ignition switch is on, and whether the car supports the tool.

Q: Why does the system stop while reading the data stream?

A: This may be caused by loose connectors. Please turn off the tool, connect the connector firmly, and then turn it on again.

Q: Why does the host screen flash when the engine ignition starts?

A: It is normal and caused by electromagnetic interference.

Q: How to upgrade the system software?

A: 1. Start the tool and ensure a stable Internet connection.
2. Set up: select "Setting->About->System Update", and then click "Check Version" to enter the system upgrade interface.
3. Complete the process by following the instructions on the screen step by step. It may take a few minutes depending on the internet speed. Please be patient. After successfully completing the upgrade, the tool will automatically restart and enter the main interface.

Q: Why does it have no diagnostic results for my car?

A: This may be caused by the incompatibility of the vehicle model. Please use the online customer service to inquire whether your vehicle model is supported.

7 Warranty Terms

This warranty applies only to users and distributors who purchase THINKCAR products through normal procedures. Provide free warranty within one year. THINKCAR warranty including electronic products for damages caused by defects in materials or workmanship. Damages to the equipment or components caused by abusing, unauthorized modification, using for non-designed purposes, operation in a manner not specified in the instructions, etc. are not covered by this warranty. The compensation for dashboard damage caused by the defect of this equipment is limited to repair or replacement. THINKCAR does not bear any indirect and incidental losses. THINKCAR will judge the nature of the equipment damage according to its prescribed inspection methods.

SIMPLIFIED EU DECLARATION OF CONFORMITY

Hereby, THINKCAR TECH CO., LTD. declares that this equipment is in compliance with Directive 2014/53/EU.
The full text of the EU declaration of conformity is available at the following internet address:
https://h5.mythinkcar.com/update_app/productlist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