THINKCAR

Version: V1.00.002

1 Quick Start

1.1 initial use

The first time you use this tool, you will need to complete the following settings.

1.1.1 Power on

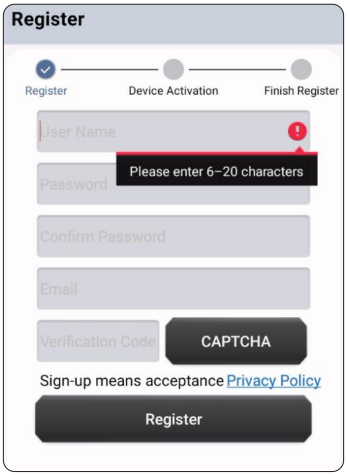
Press and hold the power button to turn it on, and the device power-up screen displays as follows:

1.1.2 user agreement

Read all the terms and conditions of the User Agreement carefully according to the device prompts, check "Agree to the above terms" and click "Next" to enter the THINKCAR account creation.

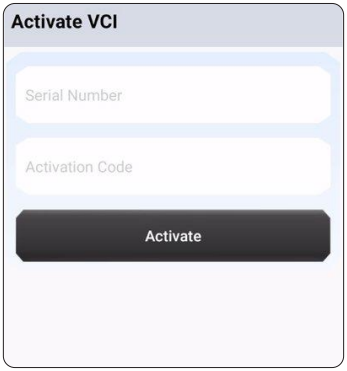
1.1.3 Create an account

You need to enter your cell phone number to register an account. If you already have other THINKCAR products and have registered them, you can directly use your existing account to log in.



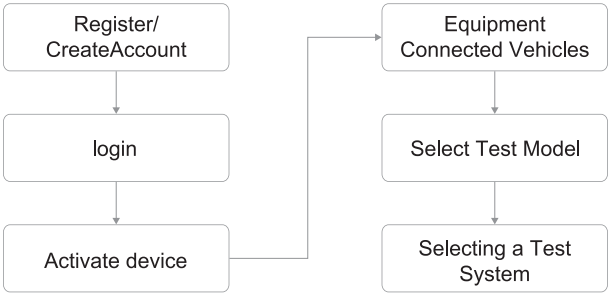
1.1.4 Device Activation

Enter the device number and activation code to activate and bind the diagnostic device.If you have not activated the device, you can click "Settings" in the main interface and select "Activation".



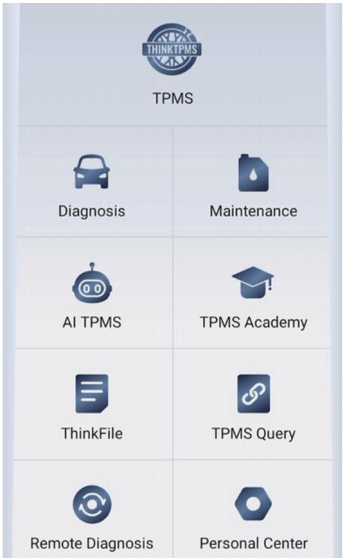
Tip: The activation code is an 8-digit number and is attached to the "code letter" included in the product package.

1.2 diagnostic process



1.3 Menu

After opening the diagnostic host, the system automatically enters the function menu selection interface:



1.4 Charging the main unit

Follow the steps below to charge the main unit:

- Connect one end of the power cord to the charging jack on the side of the main unit;
- Then insert the charging power plug into the power outlet to start charging;
- If the battery status icon dynamically displays , Indicates that charging has begun. When the battery icon shows , Indicates that charging has been completed, at which time disconnect from the main unit's power outlet.

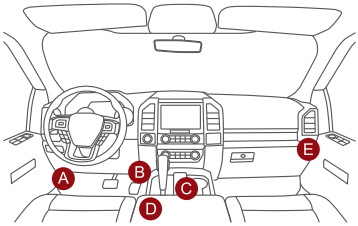
1.5 Use of batteries

- If the battery has not been used for a long time or if the battery is depleted, it may not turn on normally while charging, which is normal.Please charge the battery for a certain period of time before turning it on.
- Please use the supplied charger for charging. We will not be responsible for any damage or loss caused by charging with a charger other than the one specified by us.
- The battery can be recharged repeatedly.However, since the battery is a consumable product, the standby time of the device will be shortened after a long time of use.Avoid frequent recharging to prolong the life of the battery.
- Battery charging time varies depending on temperature conditions and battery usage.
- When the device is low on battery power, the system will pop up a prompt to connect the charger.When the battery power is too low, the device will turn off automatically.

1.6 Diagnostic equipment connection

The main diagnostic cable connects the THINKCAR VENU 701 main unit to the vehicle's OBDII diagnostic cradle. The vehicle OBDII port is usually located under the dashboard, on

the driver's side above the pedals.The following are the five most common OBDII port locations.



2 Basic Introduction

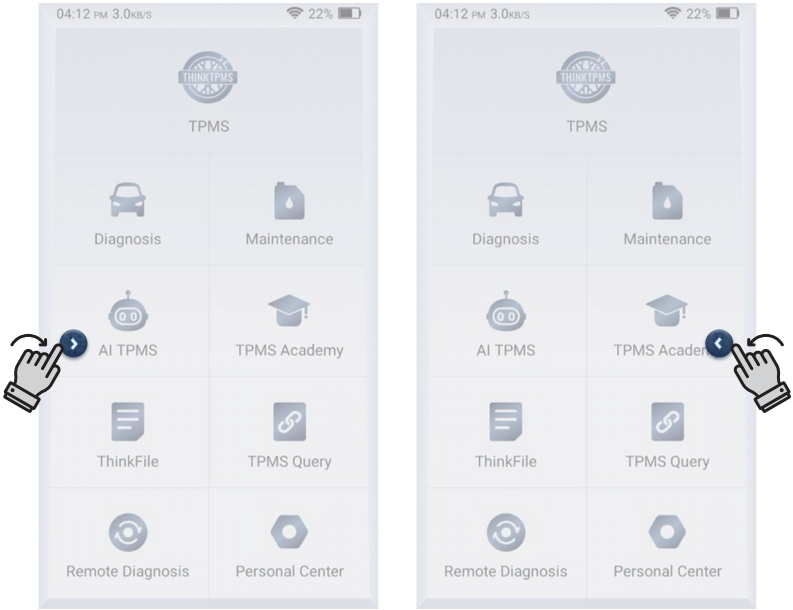
2.1 Products

THINKCAR VENU 701 Tire Maintenance Remote Service Terminal(hereinafter referred to as THINKCAR VENU 701) supports dual diagnostic modes, in addition to local diagnostics also supports super remote diagnostics.The device supports CAN2.0, DoIP, CANFD and other mainstream protocols covering 32 comprehensive automotive maintenance functions.The device has a full system full-featured diagnostics, support for reading code, clear code, read data stream, action test support intelligent tire pressure diagnosis, automatic reading of VIN code; AI tire pressure knowledge quiz; with a wealth of real-vehicle tire pressure operation cases worry-free tire pressure matching.

2.2 Diagnostic Host Introduction

① Diagnostic line interface
② Microphones
③ Screen
④ Power/Lock Button: Press this button to turn on the power; click this button to hibernate or wake up.
⑤ Type C port: for connecting to a computer for data transfer for device charging.
⑥ Ethernet interface
⑦ Surveillance camera
⑧ Heat Sink
⑨ Speakers

The device returns to the previous level using the swipe in the bezel to screen gesture to return, as shown in the following figure.



2.3 Technical Parameters

Operating system	Android 10.0
Micro SD	4G
Storage capacity	64G
Batteries	3150mAh/3.8V
Monitor	5 inch

Surveillance camera	Rear 13-megapixel camera
Network connection	Wi-Fi / Ethernet interface
Bluetooth	Dual mode 5.1
Operating temperature	-10°C ~ 50°C
Storage temperature	-20°C ~ 60°C

3 Function Introduction

3.1 Intelligent Tire Pressure Diagnostics

THINKCAR VENU 701 supports intelligent tire pressure scanning, when the device is connected to the car's diagnostic interface, it automatically reads the vehicle's VIN code when it enters the tire pressure system, and after successful reading, it can directly enter into the vehicle's menu.

THINKCAR VENU 701 supports tire pressure sensor activation, reading, learning and programming functions.

- Accurately read tire pressure sensor ID, pressure, temperature and battery status.
- Activate 315MHz & 433MHz dual frequency tire pressure sensors.
- Supports various forms of ID creation and programming of all THINKCAR sensors to achieve OEM level functionality.
- Support key detection, sensor OE query, prompt learning process and many other auxiliary functions.
- Cover more than 98% of the car models

3.2 Intelligent diagnosis

When using the diagnostic function, the user can use the intelligent parse model and enter the system for diagnosis, or through the diagnostic interface hand .You can also manually select the model and system for diagnosis through the diagnosis interface.

3.2.1 Automatic VIN Recognition

Automatic VIN recognition allows you to enter the test vehicle system faster, eliminating the need to manually select models and sub-models.

Click on "Diagnostics" on the home page of the unit, then click on the "VIN Recognition" button to enter.

A. intelligent diagnosis: Users can connect the vehicle through the diagnostic cable to read the VIN from the vehicle ECU, and then compare the read VIN with the server side, so as to obtain the vehicle information for rapid diagnosis, which solves the problem that in the past, only through the step-by-step selection of the menu to test the vehicle.

B. Scanning: This function is easy to select the wrong one and other disadvantages. Click to start reading the VIN of the test vehicle.

C. Manual Entry: Click to enter the VIN manually, then click OK to enter the diagnostic software.

3.2.2 Select Diagnostic System

A. Select the test system: click on the electronic control system module, the screen will enter the function selection interface.

B. Click to perform the function to be diagnosed.

1) Version Information: Click "Version Information" to read the current version information of the ECU.
2) Read Fault Codes: This function is used to read the fault codes stored in the ECU memory of the system under test, which helps the maintenance personnel to quickly find out the causes of vehicle faults.
3) Clear Fault Code: This function is used to clear the fault code stored in the ECU of the system under test.
4) Read Data Stream: This function is mainly used to read and display the real-time operation data and parameters of the ECU.
5) Motion Test: This function is mainly used to test whether the executive components of the electronic control system can work normally or not.

3.3 Video Remote Diagnostics

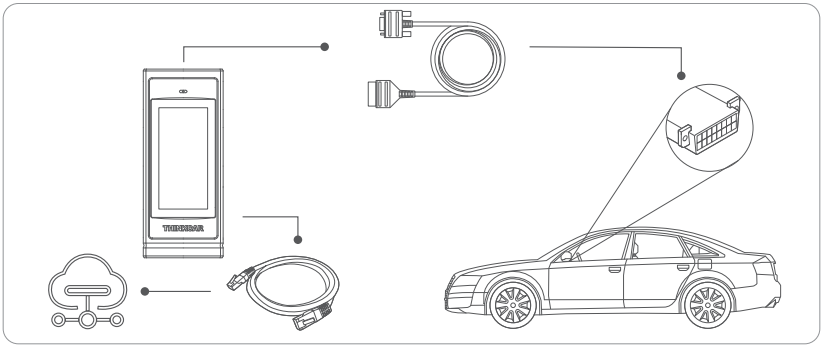
THINKCARTech Video Remote Diagnostic Service provides remote diagnostics, remote programming, remote anti-theft configuration, remote ADAS calibration, remote consulting and answering of questions and problems.The platform is based on a safe, stable and efficient cloud data channel, which can quickly solve the problems of automobile maintenance that cannot be completed locally by customers.

The platform is based on a safe, stable and efficient cloud data channel to quickly solve automotive maintenance problems that customers cannot complete locally.At present, it supports CAN, CAN FD, DoIP, J2534 and other protocols, covering Mercedes-Benz, BMW and Volkswagen Audi,

Volkswagen, Audi, General Motors, and many other mainstream vehicles.

3.3.1 Video Remote Diagnostic Process

a. Please connect the device to the vehicle



b. Posting Order Requests
1) Get vehicle information: Manual Selection, Diagnostic Report, Scanning) All the above three ways can get vehicle information.
2) Complete the order information Select the service type and service time, and fill in the details of the service you need.
c. Communicate service requirements
After the expert technician receives the order, you can communicate with the expert technician about your needs through messages or video voice.
d. Start remote diagnosis service
Ensure that both sides of the equipment connection is complete, start remote diagnostic services.During the process of remote connection, please turn on the ignition switch of your vehicle. Keep the wired network smooth.
e. Order Completion and Evaluation
After the expert technician completes the order, please provide your valuable suggestions and comments.

3.4Maintenance function
THINKCAR VENU 701 has 34 automotive maintenance functions

3.5 AI TPMS
THINKCAR VENU 701 can be quizzed on tire pressure knowledge via AI TPMS.

3.6 Databases
Provide abundant tire pressure repair operation cases.

3.7 Diagnostic report
Used to document and create a file for diagnosing vehicles.It will be created based on the vehicle VIN and time of inspection and will contain diagnostic reports, data stream records, pictures and all other VIN related data.

3.8 Query connection
This is where you can look up the vehicle information supported by the device and the model menu and year corresponding to the original sensor part number.

3.9 Personal center

3.9.1 THINKCAR Archives

Used to document and create a file for diagnosing vehicles.It will be created based on the vehicle VIN and time of inspection and will contain diagnostic reports, data stream records, pictures and all other VIN related data.

3.9.2 Software upgrade

In order to ensure that you can enjoy better functions and upgrade services, it is recommended that you perform software upgrades from time to time.You will be prompted to upgrade when a newer version of the software is available.

3.9.3 synopsis (of a play or film)

Provide a detailed functional description of the product.

3.9.4 Orde

For viewing order details.

3.9.5 My equipment

Support for viewing information about devices bound to an account.

3.9.6 Device Activation

For activating diagnostic devices and viewing activation help information.

3.9.7 Firmware Repair

Used to repair device firmware.Do not power off or switch interfaces during the repair process.

3.9.8 Personal Information

Used to set and manage personal information.

3.9.9 Change user password

Used to reset the user password.

3.9.10 Wi-Fi

Set the Wi-Fi network to which you can connect.

3.9.11 set up

This option is used to make system settings.

3.9.12 Customized standard data streams

Used to manage recorded sample data stream files.

3.9.13 Diagnostic feedback

If the diagnostic encounters an unsolvable problem or diagnostic software issue, the user can send the most recent 20 test records back to THINKCAR.Once we receive your feedback, we will follow up and process it in a timely manner in order to improve our product quality and user experience.

3.9.14 Shortcut Key Setting

Drop-down menu shortcut settings, including: Wi-Fi, Recording, Screenshot, Brightness and Sound.

3.9.15 Remote assistance

Enter remote assistance to view the device remote assistance ID, the ID feedback to

customer service for remote assistance.

3.9.16 Diagnostic Software Cleanup

Clean up downloaded diagnostic software.

3.9.17 Photo album

Store device screenshots and screen-recorded videos that can be shared via Bluetooth or e-mail.

3.9.18 Upload Log

Upload device usage log feedback to THINKCAR Technology.

4 Warranty Terms

This warranty applies only to users and distributors who purchase THINKCAR products through normal procedures. Provide free warranty within one year. THINKCAR TECH warrants its 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, operational 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 TECH does not bear any indirect and incidental losses. THINKCAR TECH will judge the nature of the equipment damage according to its prescribed inspection methods. No agents, employees or business representatives of THINKCAR TECH are authorized to make any confirmation, notice or promise related to THINKCAR TECH products.

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Customer Service Email: support@thinkcar.com
Official Website: www.thinkcar.com
Products tutorial, videos, FAQ and coverage list are available on Thinkcar official website.

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/productcbec

PS: VENU 701 is the model number of THINKCAR TPMS products