1. THINKCAR1S Introduction

There are 2 main components in the THINKCAR1S diagnostic system: THINKCAR1S dongle and THINKCAR App. The following illustration explains how the THINKCAR1S system works.

THINKCAR1S dongle

Sends the collected vehicle data to the App via Bluetooth for analysis

Mobile terminal installed with THINKCAR App

Wifi 3G/4G

Internet

2. Download THINKCAR App

The THINKCAR App for Android & iOS operating system is free to download.
1. Open Google Play (For Android) or App Store (For iOS).
2. Input the keyword "ThinkCar" in the search bar.
3. Download and install it. After the installation is completed, a new icon "ThinkCar" will appear on the home screen.

3. Initial use

3.1 App sign up

For initial use, you need to go through product registration. Follow the on-screen App prompts to complete it and login.

3.2 Job menu

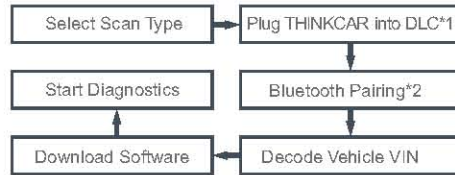It mainly includes the following function modules:

Check the real-time running conditions of the vehicle (including speed, DTCs, water temperature, oil consumption, battery voltage etc) when the THINKCAR1S dongle keeps plugged into the vehicle's DLC.

Include Full OBD functions, Full vehicle modules scan health report, Real-time remote diagnostic, Black box (OBD Live Data recording) and Reports.
- Full OBD functions -- EOBD diagnosis and I/M readiness.
- Full vehicle modules scan health report -- Health checks for all vehicle systems.
- Real-time remote diagnostic -- This feature makes it possible for professional technician to remotely diagnose vehicles.
- Black box (OBD Live Data recording) -- Record the real-time vehicle OBD data running parameters and frame data.

Discover all latest and hot posts released from registered THINKCAR users.

Manage personal profile, check transaction records, update firmware etc.

4. Start diagnostics

4.1 Preparation

1. Turn on the vehicle ignition key.
2. Vehicle battery voltage range should be 9~18V.
3. Locate the vehicle's DLC: The DLC (Data Link Connector or Diagnostic Link Connector) is a typical standard 16-pin connector which links diagnostic code readers interface with the vehicle on-board computer. The DLC is usually located 12 inches from the center of the instrument panel (dash), under or around the driver's side for most vehicles.

4.2 Start a diagnostic session

Select Scan Type → Plug THINKCAR into DLC*1

Start Diagnostics ← Bluetooth Pairing*2

Download Software ← Decode Vehicle VIN

*Notes:
1. The LED definitions of the THINKCAR1S dongle:
   - Solid RED: indicates the dongle is powered ON.
   - Solid BLUE: indicates that the dongle is paired with the phone via Bluetooth.
   - Illuminate BLUE and flash: indicates that the dongle is communicating with the phone.
2. The Bluetooth ID of THINKCAR1S dongle is 98********** (where ********** stands for 10 digits).

5. Diagnostic software purchase

1. Yearly subscription fee is required for full vehicle module scan health report, please check price from APP.
2. Real time remote diagnostics will be free after purchasing full vehicle module scan health report.
3. The function of black box is included in the THINKCAR1S. For the THINKCAR1, one-time fee is required to unlock this function, please check the price from APP.

6. Firmware update

Firmware update is free via smartphone Bluetooth.

7. Disclaimer

1. Thinkcar has full intellectual property rights of the hardware and software which used in this product. Thinkcar will deactivate the product and reserve the right to pursue its legal liability for any reverse engineering or cracking activities.
2. Thinkcar reserves the right to change product design and specifications. Physical appearance and color may be different from the info in the user manual. We try our best to keep the accuracy of the description, but Thinkcar does not bear any responsibilities caused by misunderstanding or info inaccuracy.
3. We provide limited one year warranty after the date of purchase. Any abuse, violation or misoperation is not covered by this warranty.

1. Q: What is OBD-II port?
   A: It can detect the working status of the electronic control system and other functional modules of the vehicle in the running process. By using the OBD interface of the automobile and interconnecting with the computer, it can view the automobile data in real time, detect the automobile fault, and provide convenience for the automobile repair, the development of automobile related functions and the transformation of automobile equipment.

2. Q: How do I know if my device is compatible with my vehicle?
   A: OBD testing supports vehicles after 1996 that support the OBD standard. Enter "Full vehicle modules scan health report" and select the vehicle to see if it is supported.

3. Q: Can I put the device in the car all the time?
   A: of course.

4. Q: Does the device need internet to connect with?
   A: No, it doesn't. It only needs to connect with the Bluetooth on user's phone.

5. Q: How to connect the device with my phone?
   A: Through Bluetooth. It also supports Android and iOS system.

6. Q: Does the sensor interfere with other Bluetooth devices in my car?
   A: No, it doesn't. Our Bluetooth module was tested strictly to make sure it won't affect other Bluetooth devices.

7. Q: Does the device need to be upgraded? How to do the upgrade?
   A: Sometimes, the device will need to upgrade the firmware. If a newer firmware version is detected before testing, the App will download and install the latest one automatically. Alternatively, you can also upgrade the firmware manually via "Firmware upgrade" menu in the App.

8. Q: Does my car need a Bluetooth?
   A: No, it doesn't.

9. Q: Does the equipment need to be charged?
   A: No, it doesn't.

10. Q: Is my phone or tablet compatible?
    A: We support most mobile and tablet devices, but we prefer to use mobile phones, which are more adaptable.

11. Q: Can I connect the device with my laptop?
    A: We don't support laptop connection operation temporarily.

12. Q: Does the Bluetooth need to be opened on the phone?
    A: Yes, it does.

13. Q: Do I need Internet to use the App?
    A: You don't need the Internet if you only need to check the car condition and full OBD functions. But it needs Internet for more abundant functions!

14. Q: Sign up before using?
    A: You don't need to sign up to experience those functions, but there are more functions waiting for you to explore after signing up.

15. Q: Does the App need to bond with the device? Can it bond with multiple equipments?
    A: There is no bonding relation between device and App, but the full vehicle modules scan health report needs to be purchased. Every single VIN needs to be purchased to use.

16. Q: Can I sign up if I don't have this device?
    A: Of course, we have abundant content in our community waiting for you.

17. Q: How to update my App?
    A: You can update the App through App Store and Google Play, or you can tap on "Upgrade" in the App manually.

18. Q: Where can I download the App?
    A: In Apple Store or Google play.

19. Q: Can I use multiple phones for one device?
    A: Of course, as long as you use the same account to sign in.

20. Q: What is sensor code?
    A: Car fault codes are codes that are stored by the on-board computer diagnostic system in response to a problem found in the vehicle. It mainly results from sensor failure/ malfunction. In this case, some basic trouble spots will be shown on the dashboard, but that's only a small part of it. The main thing is to use the device to read.

21. Q: Whether the device can be used in multiple cars or not?
    A: The device can be used in multiple cars. We also support full OBD functions check and full vehicle modules scan health report check. Full OBD functions check can be used in multiple cars, but full vehicle modules scan health report check needs to be purchased individually.

22. Q: What is freeze frame data?
    A: When there is a fault code in the system, the ECU will store the data when the fault code appears, which is the freeze frame data.

23. Q: How to activate the function of full vehicle modules scan health report?
    A: We support full OBD functions and full vehicle modules scan health report check, the full OBD functions check is totally free. The full vehicle modules scan health report check is for the purchase of a single vehicle. The App connects the device and click the "Full vehicle modules scan health report" in the diagnosis page to purchase the function.

24. Q: What system problem can be found by the sensor?
    A: We have the world's smallest & most powerful functions OBD connector, supporting almost all kinds of cars' systems.

25. Q: How do I turn on black box function?
    A: The function of black box is included in the THINKCAR1S. For the THINKCAR1, one-time fee is required to unlock this function.

26. Q: How to check the smoke detection?
    A: Check -OBD and -SMOG Check.

27. Q: How to operate Model 6?
    A: Check -OBD and Model 6.

28. Q: How to operate I/M Readiness?
    A: Check -OBD and I/M Readiness.

29. Q: How can I contact Thinkcar's representative?
    A: You can submit questions on mythinkcar.com, or dial the number to our representatives.

30. Q: Is there any guarantee for repairing?
    A: Limited one year warranty.

FCC Requirement

changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) this device may not cause harmful interference, and

(2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy, and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

– Reorient or relocate the receiving antenna.

– Increase the separation between the equipment and receiver.

– Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

– Consult the dealer or an experienced radio/TV technician for help.

THINKCAR (FCC ID: 2AUARTHINK) complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20cm between the radiator & your body. This transmitter must be co-located or operating in conjuction with any other antenna or transmitter.

Hereby, THINKCAR TECH CO., LTD. declares that this THINKCAR (Model THINKCAR 1&THINKCAR 1S) is in compliance with the essential requirements and other relevant provisions of Radio Equipment Directive 2014/53/EU.

Operation frequency: Bluetooth 2402-2480MHz,

Max. RF outut power: 0.77dBm,

The RF frequencies can be used in Europe without restriction.