

ANCEL DS300

User Manual

01 Product Overview

1. Charging Port: TYPE-C charging port & development system debugging USB port which can support USB device.

2. PowerScreen Lock Button: Long press for 3 seconds to turn on or off, single press to lock/unlock the screen.

3. VIN Button: Read vehicle VIN code shortcut button.

4. Settings Button: System settings shortcut button.

5. Report Button: Diagnostic report shortcut button.

6. Home Button: Switch to home page.

7. Custom Button: Press to custom.

8. Selection Buttons: Up, down, left and right direction selection.

9. Return Button: Return to the previous page.

10. Touch Screen: 7 inches touch screen (1284*720 resolution).

11. VCI: Vehicle Communications Interface, connect VCI to car OBD port for diagnosis.

02 Technical Specifications

Product host

Environment: 0°C ~ 50°C (32°F ~ 122°F)

Storage Environment: -20°C ~ 60°C (-4°F ~ 140°F)

Working Voltage: 12V

Working Current: <2.5A

VCI

Working Voltage: 0-16V

Working Current: <1.330A

Approved Protocols

SAE J1850 PWM, SAE J1850 VPW, ISO 9141-2 ISO, ISO 14226-4 KWP, ISO 15765-4 CAN.

03 Connect the Ancel DS300 with your vehicle through the OBDII port

Usually, the OBD port is located under the dashboard, above the pedal on the driver's side. The first location shows the first place we connect OBDII port location.

04 Turn on the Ancel DS300

When the power button is long pressed and the product is turned on, the product interface above will be displayed.

05 Choose a language

First, please select the language you need. After selecting, the operation page will display the language you selected.

06 Connect to Wi-Fi

The system will automatically search all available Wi-Fi networks and you can choose the "Wi-Fi" needed. Notice that "Wi-Fi" must be set before use.

07 Choose privacy agreement

Please read carefully and check the box to agree to the agreement. You need to agree to the agreement before you can use the product.

08 Functions Description

The Ancel DS300 home page has the following functions:

8.1 Autoscan:

Automatic scanning of car module VIN. Automatically identify vehicle make, model and year.

8.2 Diagnose:

Automatic scanning of car module VIN. Automatically identify vehicle make, model and year.

ORDIAM: 9 interconnected module diagnosis.

Demo: Experience the diagnosis process through demo.

History: Diagnostic records.

8.3 OBD:

Support OBDII and EOBD protocols after 1996. You can check the protocols supported by the vehicle.

8.4 Maintenance:

Real-time oil maintenance and reset functions, namely: Maintenance light reset, Steering angle reset, Battery charging, ABS oil reset, Vehicle stability, Brake pad reset, EPF regeneration, Anti-lock braking, steering coil, Tire pressure reset, Suspension level calibration, Headlight leveling, Directional steering, Gear Shift calibration, CO2 emission, Gear Learning, OBD Reset, Airbag Reset, Transport Mode, AP Reset, StopStart Reset, VCI Sensor Reset, Airflow Reset, Exhaust Gas Reset, Fuel Reset, Fuel Calibration, Control Steering, Tire Reset, Wheelers Calibration and Language Setting.

8.5 File:

It is used to record and edit the file of the diagnosed vehicle. The files are created based on the vehicle VIN and the check item, including all diagnostic-related data such as diagnostic reports, data stream records and screenshots.

8.6 Consult:

OBDD Fast Code Library:

The OBDD fast code prompted during the diagnosis process can be used to query the fault description.

Coverage Note:

Quickly check the modules and functions supported by the current device.

Learning:

Vehicle owner guidelines for equipment use, maintenance, and diagnosis.

Video:

The training course demonstrates how to operate the tool.

User Manual:

Help users learn quickly grasp the usage of equipment and efficiently interpret diagnostic capabilities.

8.7 Module:

A variety of internal function modules can be connected. For example, USB printer, USB oscilloscope, USB endoscope, Bluetooth battery tester, Bluetooth tire pressure stick (TPMS), etc.

8.8 Feedback:

If you use the built-in feedback function to us during the diagnosis process, the feedback record will be displayed here.

8.9 Update:

This module allows you to update the diagnostic software & App and not frequently used software. If you did not download the software at registration or some software is newly updated, you may use this option to download it or keep it synchronized with the latest version.

8.10 Settings:

Common system settings can be made here to modify and add information.

09 Settings

You can do some basic set up in this page, include Wi-Fi, screen brightness, language, time zone, and so on.

Feedback: You can feedback the diagnostic software/App bugs to us for analysis and improvement.

Update: This module allows you to update the diagnostic software & App and set up frequently used software.

Screen Resolution: Turn on this switch to take a screen capture.

Network: Set for connectable Wi-Fi network.

Pressure: Set for connectable tire pressure.

Language: Select the tool language.

Time zone: Choose the time zone of the current location, then the system will automatically configure the time according to the time zone you choose.

10 FAQ

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

1. Q: Why does it have no responses when connected to a vehicle?

A: Check whether the connection with the vehicle diagnostic port is proper, whether the ignition switch is on, and whether the tool supports the vehicle.

11 Warranty Terms

The warranty applies only to users and distributors who purchase ANCEL products through normal procedures. Within one year from the date of delivery, ANCEL warrants its electronic products for damage caused by defects in materials or workmanship. Damages to the equipment or components because of abuse, unauthorized modification, use for non-designed purposes, operation in a manner not specified in the instructions, etc. are not covered by this warranty. The compensation for accidental damage caused by the defect of the equipment is limited to repair or replacement. ANCEL does not bear any indirect and incidental losses. ANCEL will adjust the value of the equipment damage according to its prescribed inspection methods. No agents, employees or business representatives of ANCEL are authorized to make any confirmation, notice or promise related to FCC products.

DESIGNER: Tech Co., Ltd.
Service Line: 0755-41711322
Customer Service Email: support@anceltech.com Official Website: www.anceltech.com
Products manual, videos, GMA and coverage list are available on ANCEL official website.

12 RF exposure statement:

Federal Communications Commission (FCC) Statement

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 the equipment and/or 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.

Warning: Changes or modifications made to this device not expressly approved by OCEANFIRE TECHNOLOGY Co., Ltd. may void the FCC authorization to operate this device.

Note: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

RF exposure statement

For Product Use: This device has been evaluated to meet specific RF exposure requirement. The device can be used in portable exposure condition without restriction.

For VCI: The equipment must also be designed to operate in accordance with any other interference or restriction. The equipment complies with the FCC RF radiation exposure limits set forth for an uncontrolled environment. The equipment should be installed and operated with a minimum distance of 30cm between the radiator and any part of your body.

PANTONG 1665C