

1. Product Introduction

This is a code reader for gasoline vehicles that supports nine standard OBDII/EOBD protocols. It is a plug-and-play tool that quickly reads fault codes and key vehicle parameters, providing comprehensive basic diagnostics. Please read this manual carefully before using the product.

2. Matters Needing Attention

- ⚠️ 1. Do not use abrasive cleaners to clean this product
- ⚠️ 2. Do not let this product be heated or close to the source of the fire
- ⚠️ 3. Do not expose this product to direct sunlight for a long time
- ⚠️ 4. Do not try to disassemble this product to make any modifications, because it does not contain any maintenance components
- ⚠️ 5. Do not use this product in the room
- ⚠️ 6. If you do not plan to use this product for a long time, please store it in a dry environment to avoid extreme temperature and dust

3. Product Appearance and Function Key Introduction



3.1 Tool Description:

- 1. OBD Plug:** Connected to the OBD connector of the vehicle
- 2. Display Screen:** 2.8" color display screen, resolution: 240×320
- 3. DTC Shortcut:** Fault code shortcut key
- 4. OK Key:** OK button to confirm selection
- 5. ESC Key:** ESC to return to previous screen
- 6. Voltage Key:** Battery voltage reading shortcut
- 7. Up Key:** Navigate up in menus
- 8. Down Key:** Navigate down in menus

4. Product Parameters and Accessories

4.1 Product Parameters

Working Voltage	12V
Working Current	51mA
Operating Environment	-30 to 70°C
Storage Temperature	-30 to 70°C
Dimensions	152 × 87.5 × 22 mm

4.2 Product Accessories

- Main Unit × 1
- Manual × 1

4.3 Supported Protocols (9)

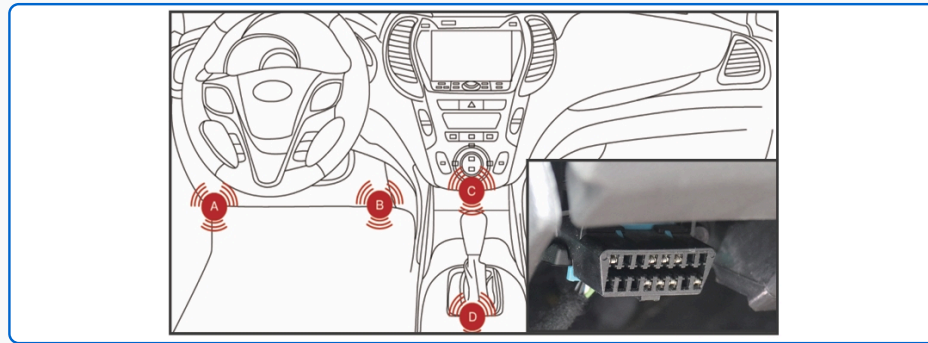
- ☑️ SAE J1850 PWM (41.6Kbaud)
- ☑️ ISO9141-2 (5 baud init, 10.4Kbaud)
- ☑️ ISO14230-4 KWP (fast init, 10.4 Kbaud)
- ☑️ ISO15765-4 CAN (29bit ID, 500 Kbaud)
- ☑️ ISO15765-4 CAN (29bit ID, 250 Kbaud)
- ☑️ SAE J1850 VPW (10.4Kbaud)
- ☑️ ISO14230-4 KWP (5 baud init, 10.4 Kbaud)
- ☑️ ISO15765-4 CAN (11bit ID, 500 Kbaud)
- ☑️ ISO15765-4 CAN (11bit ID, 250 Kbaud)

4.4 Main Functions

- ☑️ Support nine standard protocols of OBD II/EOBD
- ☑️ Support car battery voltage test
- ☑️ Support gasoline model reading, clearing vehicle fault code, reading data stream, freezing frame information, checking MIL status, reading vehicle information, oxygen sensor test, fuel evaporation system (mode 8) test
- ☑️ Support fault code information query
- ☑️ Support data stream playback function, view/delete fault code, data stream, and freeze frame information
- ☑️ Support eight languages: English, German, Italian, Dutch, French, Spanish, Chinese, Russian

5. Product Operation Instructions

When you need to inspect a car, directly plug this product into the car's OBD connector to start the inspection.

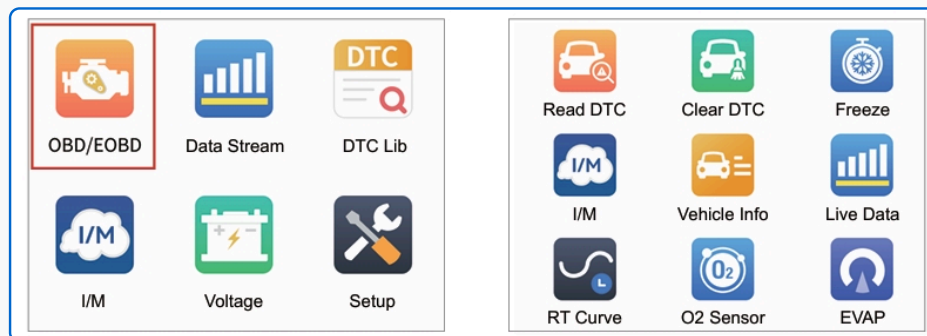


Connect device to vehicle OBD2 port

6.1 Page Menu Introduction

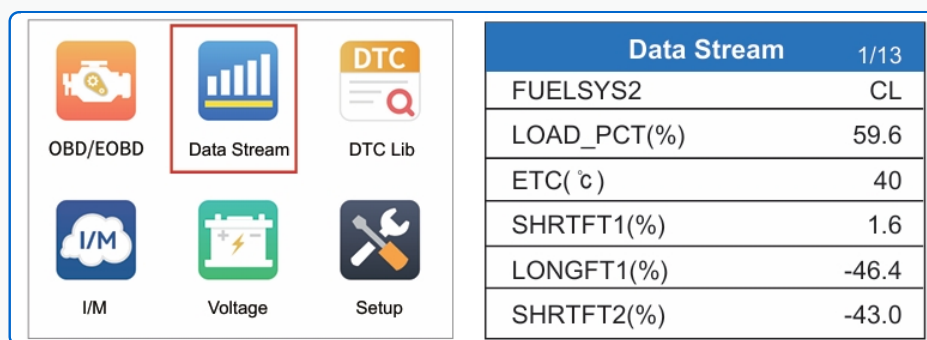
6.1 Car Inspection Menu

After connecting the vehicle, go to the home page, select the "OBD/EOBD" menu, press the OK button to enter the test function page. This menu has 9 test functions, you can use the up/down function keys to turn pages.



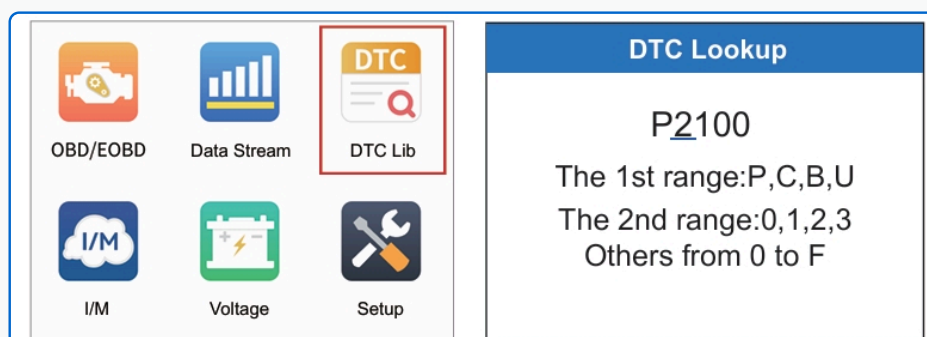
6.2 Read Data Stream

After connecting to the vehicle, go to the homepage, select the "Data Stream" menu, and press OK to enter the data stream view page.



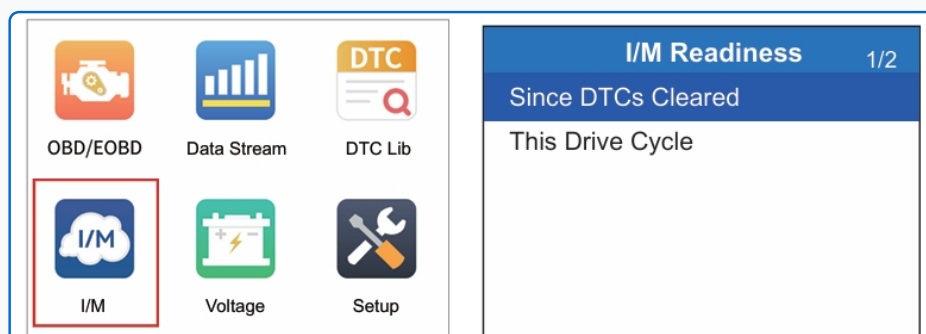
6.3 Fault Code Query

After connecting the vehicle, go to the home page, select the "DTC Lib" menu, press the OK button to enter the fault code query page. Support the query of the vehicle fault code, and explain the reason.



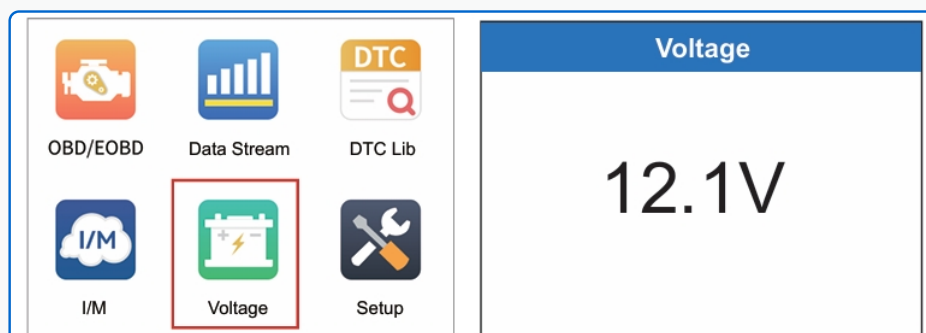
6.4 I/M Ready State

After connecting the vehicle, enter the home page, select the "I/M" menu, and press the OK button to enter the setting page. This menu has 2 functions, and you can use the up/down function keys to turn pages.



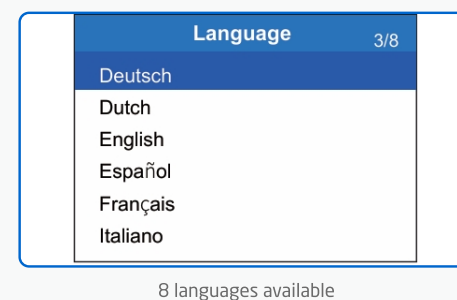
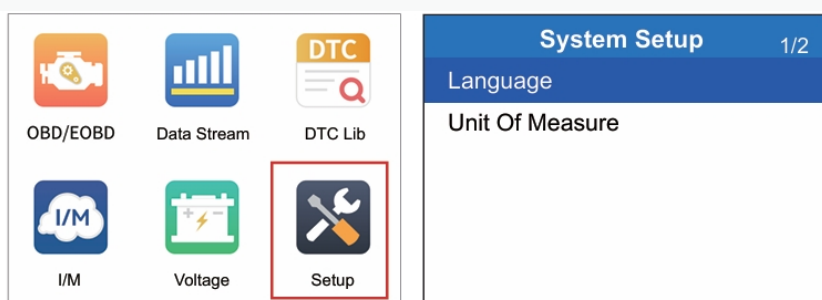
6.5 Voltage Test

After connecting the vehicle, go to the home page, select the "Voltage" menu, press the OK button to enter the voltage test page, and check the voltage value.



6.6 Product Settings

After connecting the vehicle, go to the home page, select the "Setup" menu, and press the OK button to enter the setting page. This menu has 2 setting functions, and you can use the up/down function keys to turn pages.



Supported Languages (8):

- ✘ English
- ✘ Deutsch (German)
- ✘ Italiano (Italian)
- ✘ Nederlands (Dutch)
- ✘ Français (French)
- ✘ Español (Spanish)
- ✘ 中文 (Chinese)
- ✘ Русский (Russian)

7. Matters Needing Attention

- This product is designed for 12 V gasoline passenger vehicles only. It must not be used on 24 V systems, heavy-duty trucks, or non-OBDII equipment.
- The product is not compatible with new energy vehicles, hybrid vehicles, or vehicles that do not comply with the OBDII/EOBD standard.
- Always perform diagnostics when the vehicle is safely parked with the parking brake engaged.
- Do not use the tool while driving.