

**V302**

# USER MANUAL

AUTOMOBILE OBD DIAGNOSTIC INSTRUMENT



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## **1. Product introduction**

This is a gasoline car code reader , which supports nine standard protocols of OBD II/EOBD. Plug and play, can quickly read the car's fault information and vehicle parameters, is a more comprehensive function of the fault diagnosis instrument. Please read the product manual carefully before using this product, thank you.

## **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. The OBD plug is connected to the OBD connector of the vehicle.
2. 2.8 color display screen, resolution: 240\*320
3. Fault code shortcut key
4. OK

5. ESC to return.
6. Battery voltage reading
7. Up
8. down

## **4. Product parameters and accessories**

### **4.1 Product parameters**

- Working voltage: 12V
- Working current: 51mA
- Operating environment: -30 ~ 70 °C
- Storage temperature: -30 ~ 70 °C
- Dimensions: 152\*87.5\*22mm
- Eight languages: English, German, Italian, Dutch, French, Spanish, Chinese, Russian.

### **4.2 Product accessories**

Accessories              Host \*1              Manual \*1

### **4.3 Support Agreement:**

1. SAE J1850 PWM (41.6Kbaud)
2. SAE J1850 VPW (10.4Kbaud)
3. ISO9141-2(5 baud init, 10.4Kbaud)
4. ISO14230-4 KWP (5 baud init, 10.4 Kbaud)
5. ISO14230-4 KWP (fast init, 10.4 Kbaud)
6. ISO15765-4 CAN (11bit ID, 500 Kbaud)
7. ISO15765-4 CAN (29bit ID, 500 Kbaud)
8. ISO15765-4 CAN (11bit ID, 250 Kbaud)
9. ISO15765-4 CAN (29bit 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

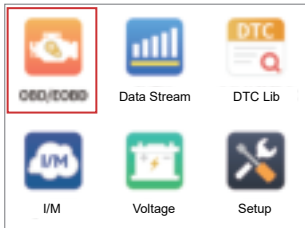
When you need to inspect a car, directly plug this product into the car's OBD connector to start the inspection.



## 6. Page menu introduction

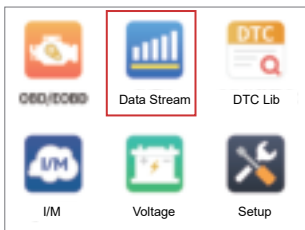
### 6.1 Car inspection menu

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

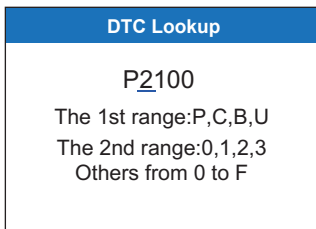
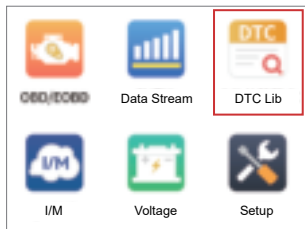
After connecting to the vehicle, go to the homepage, select the "Data Stream" menu, and press OK to enter the data stream view page



Data Stream		1/13
FUELSYS2		CL
LOAD_PCT(%)		59.6
ETC( °C )		40
SHRTFT1(%)		1.6
LONGFT1(%)		-46.4
SHRTFT2(%)		-43.0

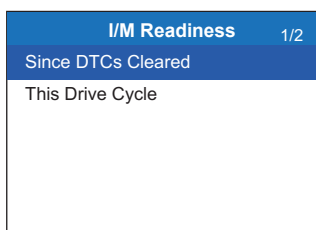
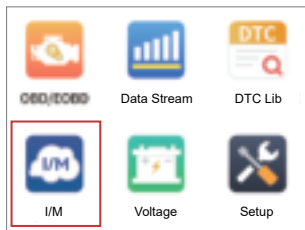
### 6.3 Fault code query

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

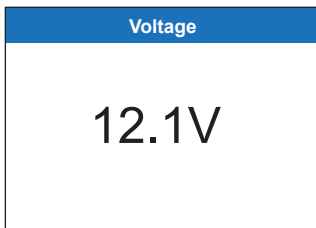
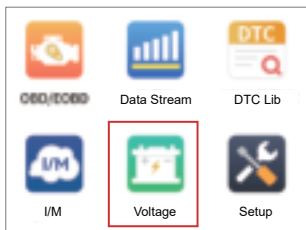
After connecting the vehicle, enter the home page, select the "I/M" menu, and press the OK button to enter the setting page. This menu has 2 functions, and you can use the up/down function keys to turn pages.





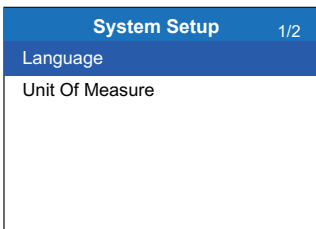
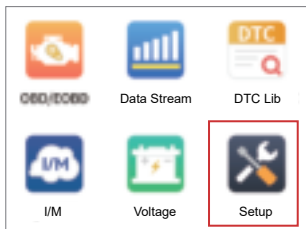
## 6.5 Voltage test

After connecting the vehicle, go to the home page, select the "Voltage" menu, and 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.



Language	3/8
Deutsch	
Dutch	
English	
Español	
Français	
Italiano	

## 7. Matters needing attention

The product is not compatible with new energy vehicles, hybrid vehicles, and models that do not comply with the OBD2 protocol.

## 8. Disclaimer

We are committed to providing customers with unparalleled customer support before and after sales. The following provides our products with our exemption conditions:

If any of the following conditions are met, the customer shall not enjoy the policies within the scope of this limited warranty:

- a) Abnormal use of the product, abnormal conditions, improper storage, exposure to moisture or humidity, unauthorized modification, unauthorized maintenance, misuse, negligence, abuse, accident, alteration, improper installation or other actions that are not malfunctions, Including damage caused by transportation.
- b) The product is damaged due to external reasons (such as collision with objects) or fire, flood, sand, dust, storm, lightning, earthquake or weather conditions, irresistible acts of natural disasters or battery leakage, theft and damage, blown fuse, Our company is not responsible for any product damage caused by incorrect use of any power supply.