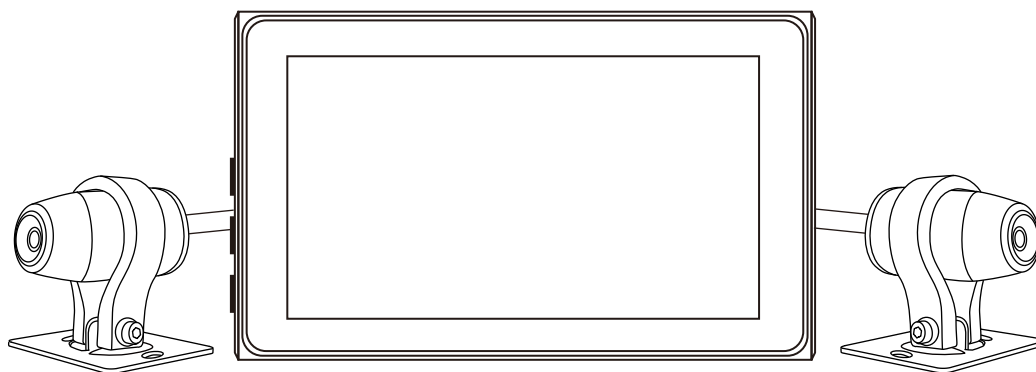


D2 Motorcycle Dash Cam

User Manual V1.0



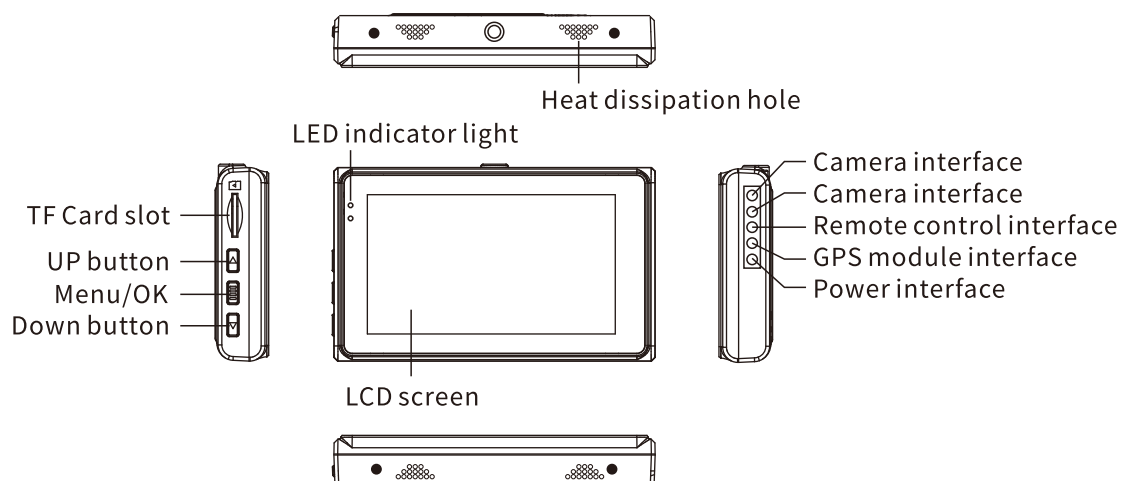
Packing List

After opening the package, please confirm whether the driving recorder is in good condition and the accessories are complete.

- | | |
|-------------------------|---|
| 1) Main Unit x1 | 2) Camera x2 |
| 3) Power Cable x1 | 4) USB Test Cable x1 |
| 5) Tie x8 | 6) Bracket x1 |
| 7) TF Card(Optional) x1 | 8) GPS Module(Optional) x1 |
| 9) Wire Controller x1 | 10) Tire Pressure Sensors(Optional) x 2 |

"Optional" mean it is not a standard configuration. Please refer to the product description on the platform you purchased!

Product Appearance Diagram



※With the advancement of technology, the product structure and parameters will continue to be improved. The pictures and texts in this book are for reference only. If there are pictures or descriptions that do not match the actual product, please refer to the actual display of the product.

How to use

1.Quick Test and Installation

Please refer to the "Quick Installation Guide".

2.Insert the Memory Card

Insert the memory card into the card slot until you hear "Da". If you want to take out the card, gently press the memory card and slowly release it after hearing "Da".

Tips:

- ※Please insert the memory card in the correct direction.
- ※Please do not pull out or insert the card when it is turned on to avoid damaging the video file and recorder.
- ※Please use the high speed Class 10 or above genuine card.
- ※Please format the memory card regularly to keep it in good condition.

3.Power on/off

After the recorder is properly installed, when you turn on the motorcycle power with the key, the recorder turns on. Pull out the key, the recorder turns off.

Video Recording

1)Normal Recording Mode

After the motorcycle power is turned on, the recorder will automatically start recording, and the LED indicator on the remote controller will slowly flash. When the motorcycle power is off, the recorder will automatically stop recording.

▶Loop Recording: The recorder will save a file after recording for a period of time (the default setting is 3 minutes). When the memory card is full, the system will delete the oldest file. You can manually set the time of video recording in APP. 1/2/3/5 minutes can be set, and front and rear camera files are saved in F and R folders respectively. The normal recorded video file is named "REC-xxxx".

2)Emergency Recording Mode

▶G-Sensor emergency recording mode: When the motorcycle collides with other vehicles or the vibration is strong, the built-in G-Sensor will automatically activate the emergency recording mode. The LED indicator on the remote controller flashes rapidly. The emergency video file is named "GSR-xxxx". You can set the sensor sensitivity level in the menu or APP. The higher the sensitivity, the easier to trigger G-Sensor.

▶Manual emergency recording mode: When the recorder is recording, short press OK button of wired remote controller to lock the current recorded video, and the front and rear cameras will capture a photo at the same time. The manually locked video file is named "KEY-xxxx".

Tips:

- ※If the memory card is not inserted or is faulty, the video cannot be saved.
- ※"KEY" and "GSR" emergency video files can be saved 20 totally. After more than 20, the system will automatically delete the earliest one.

Mobile Phone APP Installation and Operation

The APP is a mobile phone control software used with VSYSTO DVR device. This software is connected to the DVR device via Wi-Fi, it can directly preview and playback the video on the mobile phone, easily realize that viewing the camera documents on the screen of mobile phone, setting or other operations. Subverting the control method of traditional cameras, bring you a new experience.



iOS



Android

Method 1: Scan the corresponding QR code to download the latest APP from software download link of your browser.

Method 2: You can search "VSYSTO" on Google Play or APP Store to download and install it.

DVR WiFi Default Name: VSYSTO-D2-XXXX

Default password: 1234567890

Connection Steps: ① Turn on the recorder

② Enter the WiFi setting interface of the phone, find the corresponding WiFi name, and enter the password to connect to WiFi

③ Open mobile APP, connect the recorder

⚠ Tips:

※ If "No network connection" is displayed when connecting to WiFi, please turn off the mobile data network first, and then connect to the recorder WiFi according to the steps. If the prompt "Current WLAN is unavailable, whether to switch to another network?" appears, you must click "No".

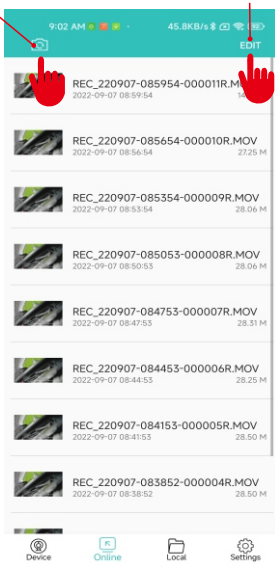
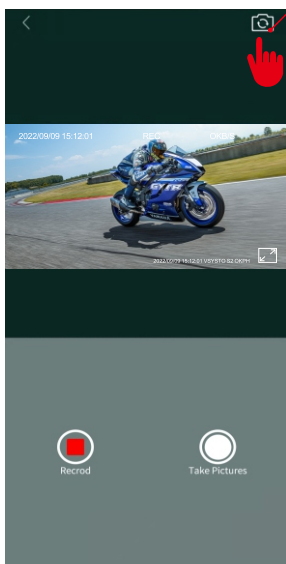
※ After entering the APP, the recorder will pause recording. Please click the red recording button on the APP to start recording. After exiting the APP, the recorder will start recording in 30 seconds.

※ You don't need to connect to WiFi for daily riding. Connect when you need to watch the video.

※ In case of connection failure, please contact customer service.

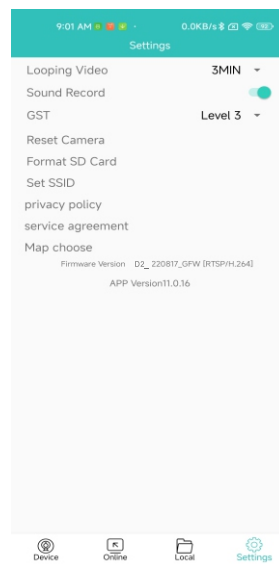
Click it to switch the front and rear cameras

Click "Edit" to select the file to download or delete



APP Setting Interface

※ Pause recording video and then set it; It is recommended to set Level 0 or Level 1 for GST (G-sensor sensitivity). Do not set it too high.



Video File Format

REC_220525-173957-00053F.MOV

Recording Mode: Year-Month-Day
 Video Recording Time: 173957
 Number: 00053
 Video Format: F-Front camera, R-Rear camera

W5T Wire Controller Operating Instructions

◆ Function operation

• Up Button:

- ① In the video recording interface and in the split screen mode of the front and rear cameras, short press the up button to switch to a single full front camera screen. Short press the up button again to switch to a single full rear camera screen. Then short press the up button again to return to the front and rear camera split screens.
※ The software defaults to split screen images for front and rear cameras. When you select which display mode, the recorder will remember it. Next time you turn on the recorder, it will be the previous display mode you selected.

• OK Button:

- ① In the video recording mode, short press the OK button once to enter the emergency recording mode, and the front and rear cameras will capture a photo at the same time. The emergency recording locked video filename is: KEY-xxxx.
- ② In the video recording mode, long press the OK button to enter the setting interface. You can use the up/down button to choose the settings required by the main unit. When the required functions are set, long press the OK button to return to the video recording interface.

• Down Button:

- ① In the video recording interface, short press the down button once to switch to the full screen mode of the rear camera, which can be used as a backup camera. Then short press the down button once to return.

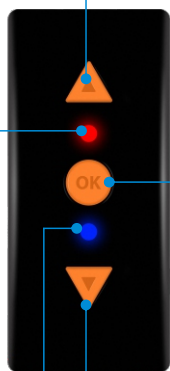
• LED Blue Light:

After connecting the GPS module:

- ① Blue light-Slow flashes-GPS is searching for satellites, the satellite icon in the upper left corner of the display is white.
- ② Blue light-Constant lights-The GPS positioning is successful, and the satellite icon in the upper left corner of the display is green.

• LED Red Light:

- Red light slow flashes-Camera is recording normally, the video file name is REC-XXXXXXX.
- Red light constant lights- Camera pauses recording.
- Red light fast flashes- Camera triggered the gravity sensor to record emergency video, the video file name is GSR-XXXXXXX.



Connect to the main unit



◆ Recorder Video Playback Operation

In the video recording interface, long press the OK button once to switch to the setting interface. Use the up/down buttons to select the player icon. After selecting, short press the OK button once to enter the playback mode. Then select the video you want to play, and short press the OK button once to start the video. The default is the front camera video, long press the up button to switch to the rear camera video file.

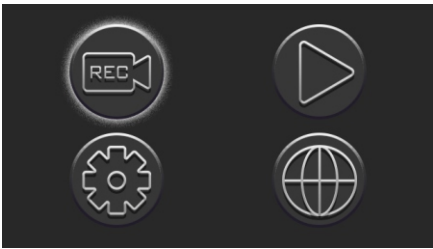


ATTENTION!

- ※ There is a temperature sensor inside the remote control. If the remote control is operated, it is normal to find that the temperature of the recorder rises.
- ※ The built-in temperature sensor has a deviation of 2 degrees Celsius.

Images Information and Menu Description

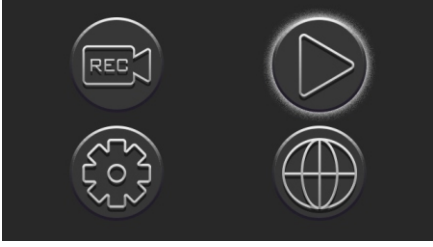
1. After selecting, press [OK] to enter **Video Mode**.
2. The icon becomes larger to indicate that the function is selected.



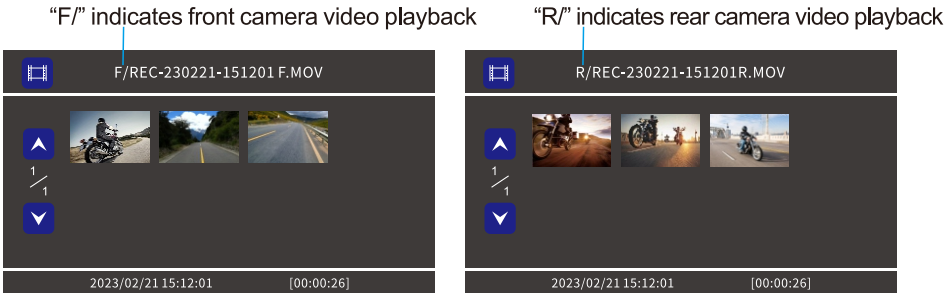
1. Character description on the display in video mode



1. After selecting, press [OK] to enter **Playback Mode**.
2. The icon becomes larger to indicate that the function is selected.



1. Press ▲ ▼ to select the video to playback

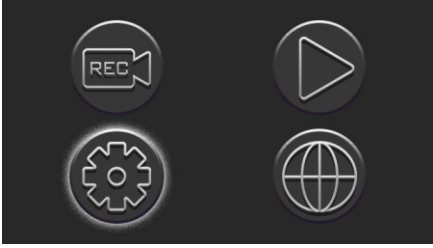


Long press ▲ for 3 seconds in the Playback Mode to switch to the video files list of front and rear camera

1. Front camera video files name identification: REC_ The year, month and time of current video F.MOV

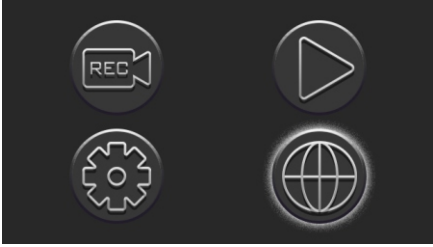
2. Rear camera video files name identification: REC_ The year, month and time of current video R.MOV

1. After selecting, press [OK] to enter **Setting Mode**.
2. The icon becomes larger to indicate that the function is selected.



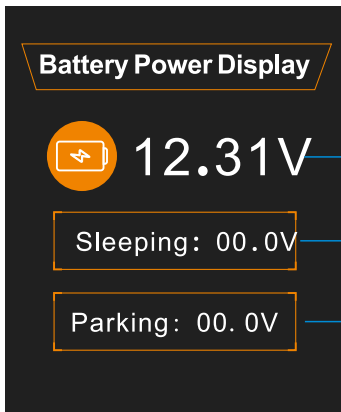
1.Video clip time	1/2/3/5 minutes can be selected
2.Sound record	Set whether the recorded video needs sound
3.MIC sensitivity	Set the sound level of MIC
4.LCD Power Save	Set the display screen backlight to be off, or off after 1 min/3min
5.Parking monitoring	On/Off
6.Parking sensitivity	Set the vibration sensitivity when parking
7.Movie off time	Set recording time of continue recording after turning off motorcycle power
8.Date format	3 options, YYYY MM DD/MM DD YYYY/DD MM YYYY
9.Clock setting	Day&Time
10.Time zone select	Time zone selection around the world
11.Speed stamp	Whether it is necessary to turn on/off the driving speed display when playing video
12.Overspeed warning	Set the overspeed alarm value. When the driving speed exceeds the preset value, the recorder will issue an alarm prompt.
13.GPS status	Display the current number of satellites, longitude, latitude and other information
14.Unit system	Set the speed and temperature unit selection displayed when driving
15.TPMS tire pairing (Optional)	Whether the tire needs to be paired with tire pressure sensors
16.Tire pressure unit (Optional)	2 unit options (bar/psi)
17.TPMS alarm sound (Optional)	On/off
18.TPMS threshold (Optional)	Set the the lowest and highest values of tire pressure, an alarm will sound when it exceeds the range
19.R-Cam mirror	Whether mirror selection is required for the rear camera display
20.Protect Level	G-Sensor sensitivity level adjustment
21.Beep	Turn on/off button sound
22.Voice guide	On/off
23.Reset setup	Delete all files from the memory card
24.WiFi mode	On/off
25.Format TF card	Restore to the factory default settings
26.FW version	The current software version of the recorder

1. After selecting, press [OK] to enter **Language Choosing Mode**.
2. The icon becomes larger to indicate that the function is selected.

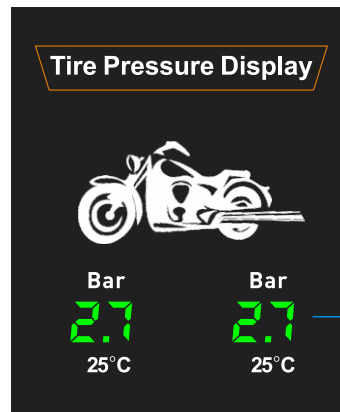


1. Language identification — Corresponding to the selected language
 2. The number of language choices depends on the actual model!
- ※The specific function depends on the actual situation.

Auxiliary Display Mode



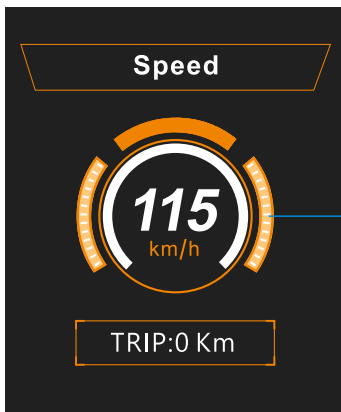
- Current Voltage
- The voltage after flameout for one hour
- The voltage after flameout for one minute



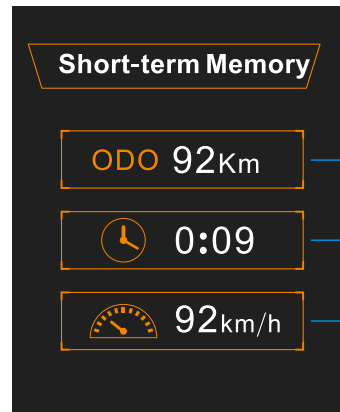
- Tire Pressure and Temperature

③ Long press the down button of the wire controller to enter the auxiliary display mode, and the battery power is displayed on the first interface.

② Short press the down button again to enter the tire pressure monitoring interface (optional)



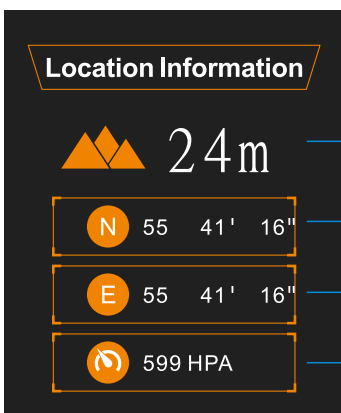
- Current speed while driving



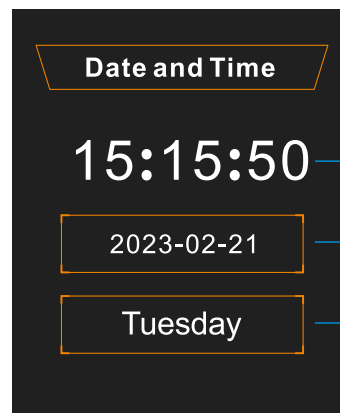
- Short-term mileage
- Time of short time driving
- Average speed of short-term

① Short press the down button again to enter driving speed interface.

④ Short press the down button again to enter short term memory interface.



- Altitude
- GPS Latitude
- GPS Longitude
- Atmospheric pressure



- Current Time
- Year Month Day
- Current day

⑤ Short press the down button again to enter GPS information interface.

⑥ Short press the down button again to enter the year, month, and day interface

⚠ Tips:

- ※ Speed, short-term memory, and location functions require GPS support.
- ※ Battery voltage display requires parking monitoring ACC power cable support.
- ※ If the recorder you purchased is not equipped with tire pressure sensors, the functions related to tire pressure will not be available.

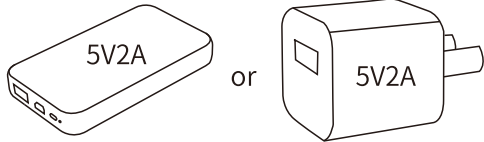
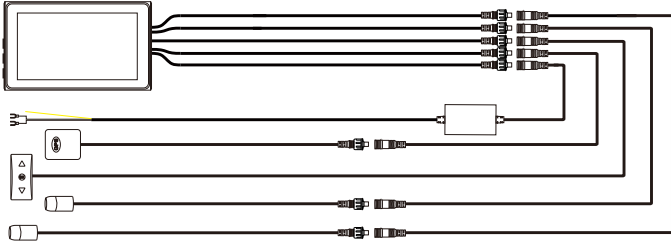
Installation Guide

1. Quick Test

- 1) Connect the front and rear cameras to the host of the recorder.
- 2) Find the USB test cable from the accessories and connect the recorder with a 5V 2A power bank or USB charger.

After the recorder is turned on, test the function of the recorder.

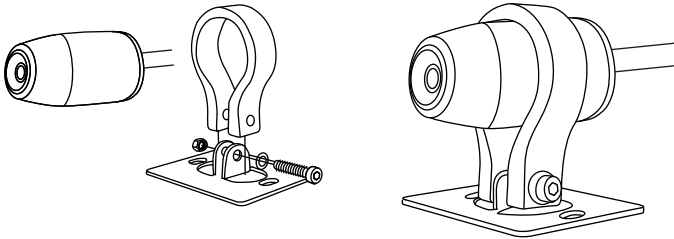
- 3) After the test shows that the recorder is normal, you can install it.



⚠ If the output voltage exceeds 5V, the recorder may be burnt.

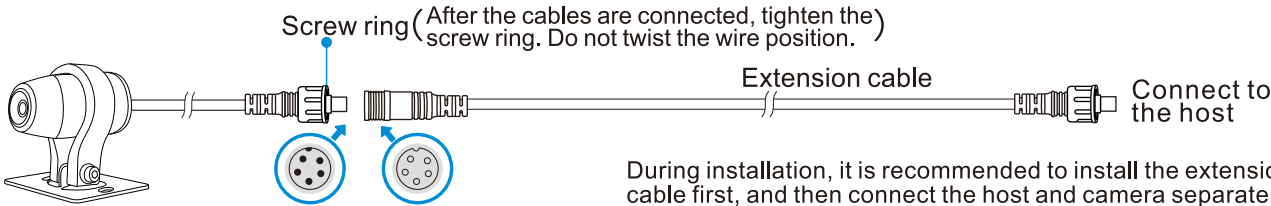


◆ Camera Bracket



Install the camera body on the bracket, and tighten the screws to fix it after adjusting the proper angle.

◆ Camera



The concave and convex bayonet of the joint shall be matched correctly

During installation, it is recommended to install the extension cable first, and then connect the host and camera separately (so that the installation is easier). If the distance between the host and the camera is less than 0.5 meters, it is recommended not to use the camera extension cable (please keep the camera extension cable for future needs).

2. Install Power Cable

ACC Power Cable Connection Method: The red wire is connected to the positive pole of the motorcycle battery, the black wire is connected to the negative pole, and the yellow wire is connected to the positive pole of motorcycle key control (12V ACC power source).

Tips:

The power cords configured for different models are different. Please refer to the products actually purchased.

※ Test is required after connection. After the motorcycle power is turned on, the recorder will turn on automatically. After the motorcycle flameout, the recorder is turned off. If you do not know the circuit of the motorcycle, it is recommended to find a professional person to install it.

Notes

- ▶ This product is an auxiliary (vehicle driving recorder) product for safe driving. Any loss caused by malfunction, information loss or using this product is irrelevant to our company.
- ▶ This product is an auxiliary device for recording external images of vehicles. Due to the different driving environment and vehicle environment, some functions will not support. The unscheduled firmware upgrade in order to improve the product will change the performance of the product, and sometimes the camera will cannot record due to the environment, so the driving images recorded in this product is for reference only. The state of memory card will also lead to camera cannot record.
- ▶ Although this product can record and save the videos of accidents, it does not guarantee that all the accident videos can be recorded. Slight collision accidents can't start the collision sensor, so the video may not be recorded in the specialized folder.
- ▶ Be sure to disconnect the power supply when inserting or pulling out memory card. For the stable use of the product, it is recommended to format the memory card twice a week.
- ▶ Generally memory card has a service life. Long-term use of memory card may cause the new data to be unable to save. In this case, it is recommended to buy a new memory card to use. Our company will not be liable for data destruction caused by the long-term use of memory card.
- ▶ Do not use high-pressure water gun or chemical solvent to clean the host, camera, power module and other parts (otherwise, no warranty will be given).
- ▶ Please do not use it in an environment with excessive dust density, so as to prevent cameras and other parts from being contaminated with dust, which will affect the video effect.
- ▶ Do not twist cables or cable connector during installation, and keep the recorder host and wires away from high-pressure areas.
- ▶ Please replace the spark plug with a spark plug with appropriate R value if there is interference in some motorcycle models.
- ▶ Do not disassemble, modify or repair this equipment by yourself. If the recorder fails due to this, we will not provide after-sales service.
- ▶ Some pictures, functions and specifications may change due to product or software upgrading. Please understand that we cannot notify you separately.
- ▶ For your safety, please do not install or operate this product while driving. Please use it within the scope permitted by law
- ▶ Disclaimer: Tire pressure sensors may not fit all vehicle tires. Please consult your vehicle manual or a tire professional whether the tire pressure sensors are fit your car. If they affect your vehicle's performance, driving, or insurance coverage, do not install it!