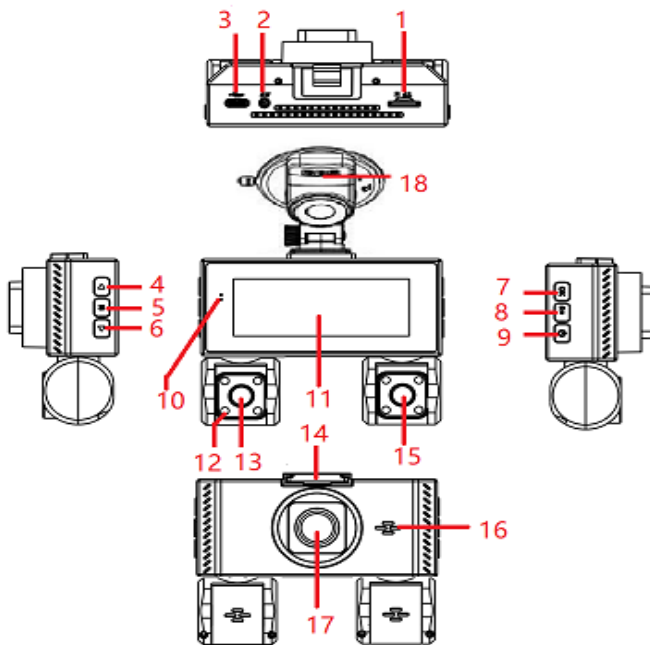# W3 4-Channel WiFi Dash Cam - 2K Front & Rear Cameras

- Supports high-capacity TF (micro SD) memory cards
- Support pulse overvoltage protection function during car startup
- Built in WIFI function
- One click emergency data protection function
- G-sensor impact sensing lock function
- Support GPS trajectory function
- Support voltage reduction line (optional)
- Support rear camera function (optional)

1. TF card slot
2. Rear pull camera interface
3. Power interface/buck line interface
4. Up button
5. Menu key
6. Down key
7. OK key
8. Reset hole
9. Power button
10. Work indicator light
11. Touch screen
12. Infrared light
13. Left camera
14. Bracket opening
15. Right camera
16. Speaker
17. Front camera
18. GPS:Button and Function Description

1. TF card slot: storage card slot
2. Rear camera interface: Rear view camera video input port
3. Power interface/step-down line interface: used to connect external step-down lines or car charging power to provide working power to the machine
4. Up key: Select the function key up from the menu options; In recording mode, this key switches the screen
5. Menu key: Short press this key to bring up the function settings menu; Short pressing this button during the recording process will lock the current video file and save it as an undeliverable file. Long pressing this button will prompt you to delete the file while playing regular videos and photos; When playing a locked video, long press this button to pop up an unlock file prompt
6. Down arrow key: Select the function key down from the menu options; Pressing this key briefly during standby or recording is a one click camera function
7. OK button: Record confirmation button. In camera mode, short press this button to start recording, and short press it again to stop recording. In playback mode and menu mode, it is the confirmation button
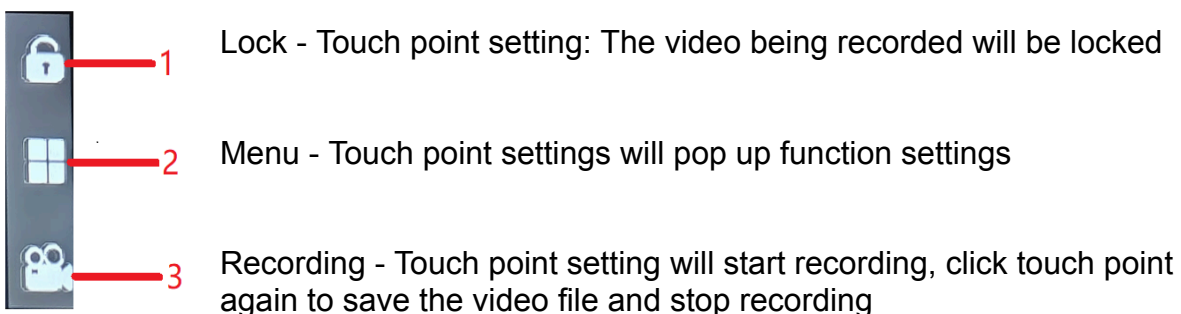
8. Reset hole: crash reset button hole
9. Power button: Short press to turn on, long press to turn off, short press to turn off in standby mode
10. Work indicator light: The red indicator light lights up after turning on the device, and flashes during video recording; The red indicator light is on when charging
11. Touch screen: Touch screen display
12. Infrared light: night vision fill light
13. Left camera: Left viewfinder
14. Bracket mouth: the slot for installing the bracket
15. Right camera: Right viewfinder
16. Speaker: A sound amplifying hole for playing videos or audio files, with operation sound reminders
17. Front camera: Front viewfinder
18. GPS: Receive satellite positioning

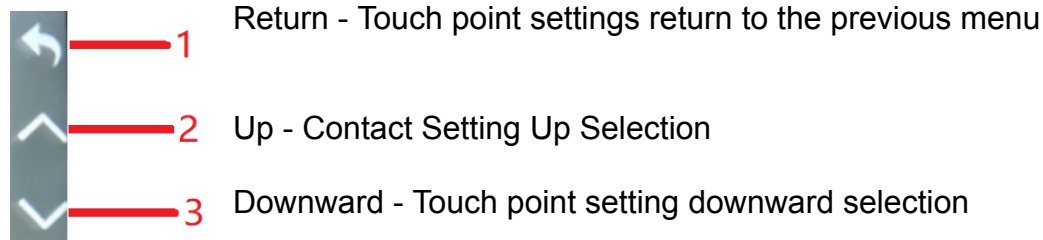## Basic operation instructions for camera/photography:

- Power on and off: Short press the power button to turn on the device, and the power indicator light will turn on when the device is turned on; After turning on, press and hold the power button to turn off the device, and this light will turn off
- Camera mode: Camera mode, press the OK button briefly to start recording. When recording, the red dot on the screen will start flashing, and the blue indicator light will start flashing, entering the recording mode
- Video/Photo Playback: Short press the menu button to enter the file browsing menu, select the camera file to view, and choose the video and image to play in Normal Video/Locked Video/Photo
- Menu settings: Short press the menu button in standby mode to bring up the settings menu; By short pressing the up or down arrow keys, you can cycle up and down through various settings; Select the setting item that needs to be changed and enter the change by short pressing the OK key
- Exit the settings menu: Short press the menu button to exit the settings state

## Touch buttons and their operation instructions:

Note: Swipe the screen left and right to switch the camera display
Click on the icon that appears on the right side of the touch screen as follows



1    Lock - Touch point setting: The video being recorded will be locked

2    Menu - Touch point settings will pop up function settings

3    Recording - Touch point setting will start recording, click touch point again to save the video file and stop recording

Click on the menu and the following icon will appear on the right side of the screen:

 1     Return - Touch point settings return to the previous menu

2     Up - Contact Setting Up Selection

3     Downward - Touch point setting downward selection

## Time and date settings

1. In standby mode, short press the menu key to enter the settings option. Short press the up/down key to select the time and date setting option. Short press the OK key to enter. Short press the OK key to switch between year/month/day/hour/minute/second. Adjust the desired value by pressing the up/down key. Short press the OK key to confirm the modification and exit the time setting.
2. When the machine is connected to the mobile WiFi, the time will be automatically updated
Note: If this product crashes due to improper operation, you can press the reset button and restart it to restore normal operation.

## Special Function Description

- G-sensor function
    - When accelerating by gravity (1g=9.80 meters/second ^ 2), the machine will automatically lock and save the video of the accident as an undeliverable file.
    - G-sensor gravity sensing can be selected from the menu, and the device has four sensitivity options: low, medium, and high. It is set to off by factory default.

- One click lock function
    - During the recording process, short press the menu button, and the machine will lock and save the current video as an undeliverable file.
- Automatic power on/off
    - Support automatic power on recording after the car is started, automatic saving and automatic shutdown after the car is turned off.
- WIFI function
    - Short press the menu button in standby mode to enter the WiFi switch option and set WiFi to on to enter WiFi mode. If you need to exit WiFi mode, enter the menu option again and turn off this function to exit.
    - You can connect and perform mobile operations on this device through a dedicated mobile app.

- Time lapse recording (this option requires a voltage reduction cable to function, and car chargers do not support this feature)

  - Enter the time-lapse recording settings: You can choose to turn off/8 hours/12 hours/24 hours. When this function is turned on, the system will continue to maintain the corresponding recording time after the car is turned off (ACC power off). System default shutdown.
  - Attention: This function cannot be used when the car battery is completely powered off.

- Parking monitoring function (this option requires a voltage reducing line to function, and the car charger does not support this function)

  - After the parking monitoring is turned on, when the vehicle is turned off and the driving recorder enters the automatic shutdown program, if the vehicle body receives vibrations generated by external forces, the driving recorder will start recording for about 20 seconds and then automatically shut down; When the body vibration is detected again, activate the camera function again; When the car battery is completely disconnected, this function cannot be used.

    1. When in standby mode, press the menu button to enter the menu options. Select GPS information to check the GPS star search value.
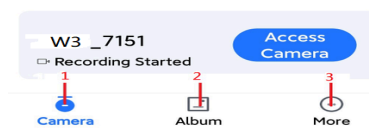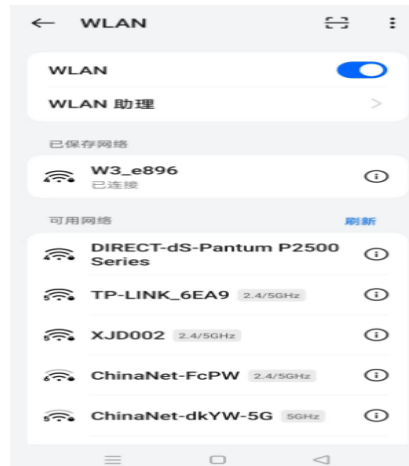    2. The GPS icon on the display screen turns green when a GPS satellite is found.

## Application installation and WiFi connection instructions:

1. Press the menu button in standby mode to enter the menu options, select the WiFi switch option, and press the OK button briefly to confirm and enter WIFI mode.
2. In the menu options, select the APP download screen, which will display the WiFi name/WiFi password/QR code.
3. Scan the QR code below with your phone to download and install the app. For Android phones, please select 'Secure Download', and the IOS system will automatically redirect to the app store for download.
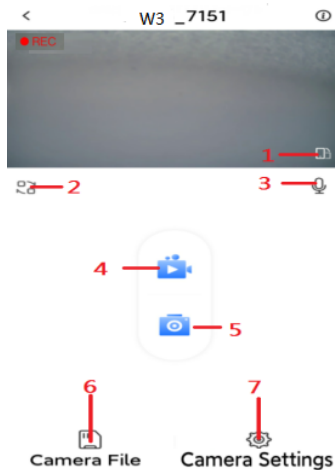
4. Add device
    - iPhone: Enter the system WiFi, select the recorder W3_ * * * *, enter the WiFi password (default password is 1234567890), connect, enter the "Viidure" APP, and complete the addition;
    - Android phone: Enter the "Viidure" app, click "Add Recorder", follow the add wizard to enter the system WiFi interface, select Recorder W3_ * * *, enter the WiFi password (default password is 1234567890), connect, and after the connection is complete, click "Return" to complete the addition;







1. Recorder: This page manages the recorder, allowing you to add, view, delete, and access the recorder's video preview interface.
2. Album: Manage images and videos downloaded from the recorder to your phone;GPS trajectory map playback.
   - Download the videos from Qianlu to the local album on the app
   - Disconnect the recorder from the phone's WiFi connection and use the data network on the phone
   - Enter the local photo album on the APP interface, click on the front road video you want to play, and you can view GPS trajectory details and car driving speed

3. More: language settings, problem feedback, and information about the APP; Introduction to Recorder Functions
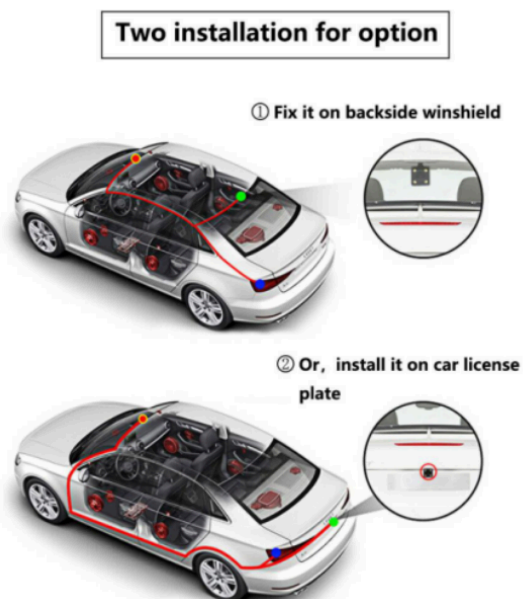


- Full screen display: Click to view the video in full screen.
- Lens switching display: Click to switch the display screen of the lens.
- Microphone: Click to turn on or off the sound of the microphone.
- Video recording: Click to pause/start, and save the video on the recorder after completion.
- Take a photo: Click to complete a photo and save it on the recorder after completion.
- Recorder files: Enter the file list on the recorder and categorize it into circular videos, capture events, emergency events, parking monitoring, and local albums. Recorder file download.
  Click "Recorder File" to enter the file list interface, click the "Select" button, select the image or video you want to download, click "Download" to start downloading the file. After the download is completed, the file will be saved to your phone, and you can view it through "Album".
- Recorder file playback
  Click on "Recorder File" to enter the file list interface. You don't need to download it, you can directly play the video on the recorder, and you can also take photos of the current playing screen of the video.
  Download: Download the video to your phone.
  Delete: Delete the selected file album.
  Enter the "Album" to manage the pictures or videos that have been downloaded to your phone. Click "All" to enter the list of all videos in this category. The file list is arranged by date. Click "Select" to select multiple files for operation.
  Video: All video files.
  Photos: All photo files.
  Urgent: collision sensing files.
  Recorder settings: Enter the recorder settings interface and set the microphone switch, recording resolution, and recording file duration.

# Installation Guide

1. Turn off the car engine.
2. Insert the TF card into the recorder card slot. **Attention** - Please use a high-speed TF card (C10 or above)
3. Fix the recorder on the front windshield of the car.
4. Insert the car charger into the car cigarette lighter. **Attention** - If using a voltage reducing wire, connect the BAT+/ignition ACC/GND -3 interfaces to the corresponding positions on the central control
5. Connect the USB interface of the recorder to the car charger using a charging extension cable. **Attention** - When wiring, the charging extension cable can be laid along the edge of the car windshield
6. Install the rear camera at the rear of the vehicle, paying attention to the direction during installation. Wiring can be laid along the vehicle roof. After installation, connect the rear pull plug to the rear pull interface of the recorder
7. Adjust the lens position to ensure that it is level with the ground
8. Start the engine and check if the machine is installed correctly. **Attention** - When the machine is installed correctly, the system working indicator light will turn on; The machine starts up and enters recording mode, and the recording indicator light flashes. Please pay attention to checking if the image on the display screen is normal

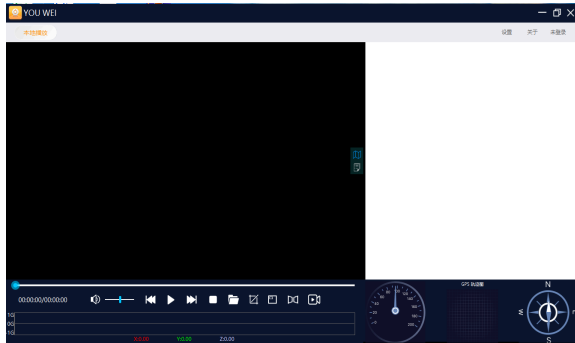## Installation and wiring diagram of rear camera (matching)



Two installation for option

① Fix it on backside winshield

② Or, install it on car license plate

1. PC version enters the website http://www.sunningsoft.com/en/pcgps.html Download;
Note: System requirements: 1 Windows 7/8/10 operating system, 64 bit, 32-bit; (Not supported by Windows XP)
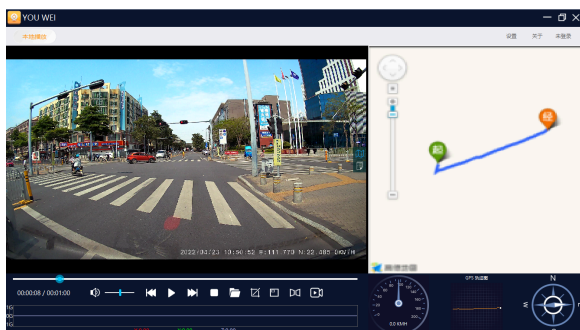
2. For Mac OS systems, search directly in the store for GXplayer download and installation.

After downloading and installing, the following interface appears when opening the player:



3. After installation, open the software, open the video file that needs to be played, or drag the file directly to the player bar, and the GPS trajectory will be displayed after playing.



## Product Specification

- Product characteristics - High Definition Camera, High Definition Video
- G-sensor - Built-in (car emergency save, not deleted)
- LCD display screen - 3.16-inch touch screen
- Language - Support for Multilingualism
- File format - TS stream
- Video Resolution - 1440P / 1080P
- Video encoding format - H.264
- On-board switch - Supporting automobile ignition start, extinguishing delay shutdown
- Year, month and day - Support
- Memory card - TF (maximum support 128GB)
- Photo Mode - 2 million
- Photo format - JPEG
- Microphone - Support
- WIFI function - Supporting Mobile Connection
- Back-pull camera - Support( matching)
- GPS - Support
- Step-down line - Support (matching)
- Power Interface - 5V/ 2A

## Troubleshooting:

Unable to take photos or videos?
- Check if the TF card has sufficient space and is locked.

When recording, will it automatically stop?
- Due to the huge amount of high-definition video data, please use a high-speed TF card that is compatible with SDHC. The high-speed TF card will have a C10 label.

When replaying pictures and videos, there is a "file error" prompt?
- An error occurred while storing data on the TF card, resulting in incomplete image files. Please use the camera's "format" function to reformat the TF card.

The captured image is shrouded in mist?
- Please check the lens for dirt or finger marks; Before shooting, wipe the lens with lens paper.

When shooting scenes such as the sky and water, the image is very dark?
- In large contrast scenes, the exposure function of the camera can be affected, which can be corrected by adjusting the "EV" value in the machine settings menu.

Horizontal stripe interference in the image?
- This is caused by setting the wrong 'light source frequency'. Please set it to '50Hz' or '60Hz' based on the local power supply frequency.

Crash?
- After the machine crashes, please briefly press the reset button to restore and restart.