

USER MANUAL

C16



⚠ Please note that this product may update without prior notice.
If you have any question while using this product, please contact us:
vicdreamservice@outlook.com

1. Product Overview

This product utilizes a high-performance chip to deliver high-definition video and seamless dynamic footage. Please carefully read this manual before use and keep it for future reference. We hope this product will meet your needs and provide you with long-lasting service!



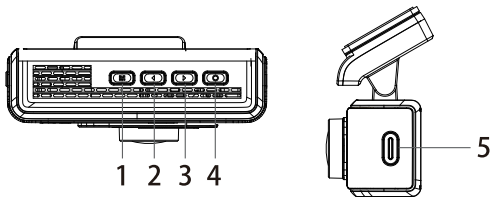
- 1. Power interface
- 2. TF card
- 3. Rear camera jack

- 4. Front camera
- 5. Screen
- 6. Power on/off button

2.performance parameter

Front image sensor	4K(3840*2160)
Option Language	English/Chinese multiple languages
TF storage card slot	Micro TF
Storage compression method	H.264
Video Format	MP4
Video Format	JPEG
Storage temperature	-22°F to 158F/-30 C to 70 C
Operating temperature	32°F to 122°F/0C to 50 C
Operating humidity	15-65%RH
Storage card capacity	Max support 256GB

3. Key Function Description



- 1.**Menu button:** Short press enter main UI, while short press enter playback interface.
- 2.**Up button:** Short press switch to front or rear recording video when in preview interface. In menu and playback interface, when you press the button, it will go up.
- 3.**Down button:** Short press it will turn on/off the audio recording in the preview interface. In menu and playback interface, when you press the button, it will go down.
- 4.**OK button:** Short press the button to start on/off recording, while long press to lock the current video. It's confirm items when in other interface.
- 5.**Power button:** Long time press for power ON/OFF.

4.Preview Interface Introduction

4.1 Main Interface Introduction



In the preview interface, short press the Menu button in the preview interface to enter the main interface. The main interface includes icons for "Dash cam," "Smart Driving ," " Files Explorer ," and "System Settings," allowing you to select and configure various options.

4.2 Preview Interface Introduction

Upon starting the car, the dashcam defaults to this interface and starts recording.



1. Recording Status Icon:

- Blinking indicates normal recording, hidden when not recording.

2. Recording Time:

- Displays recording time during normal recording, default is 1 minute, can be changed in the settings interface by selecting loop recording. Hidden when not recording.

3. Resolution: 4K

4. System Time:

- Displays the current RTC time, which can be set in the settings menu.

5. GPS Icon: 📍

- A red GPS icon will appear when a GPS module is inserted. If not connected, the icon will be turned off. Once the GPS receives a signal, the icon will turn green.

6. Audio Recording:

- Displays the audio recording status.

7. Gravity Sensor Status:



Indicates gravity sensor is off.



Indicates gravity sensor is on.

8. TF Card Status:

- Showing card presence and absence card identification.

9. Wi-Fi Icon:

- A white Wi-Fi icon will appear when Wi-Fi is enabled. Wi-Fi can be turned on or off in the settings interface. If connected to the mobile app, the icon will turn green.

10. Wi-Fi Name and Password:

- SSID indicates the Wi-Fi name.
- PSD indicates the Wi-Fi password.

11. Day of the Week Display:

12. GPS Speed:

- When the GPS receives a signal, the GPS icon will turn green and display the GPS speed. Please note the difference between the units km/h and mph.

4.3 Playback File List Interface

In the main interface, short press the menu key to enter the system main interface, then select "File Management" to enter the playback interface. Use the direction keys to select different videos (Video-Front, Video-Front-Lock, Image-Front, Video-Back, Video-Back-Lock, Image-Back).



Once in the interface, you can select and play the corresponding video or picture. Use the left and right direction keys to navigate to the previous or next file. Short press the menu key to return to the previous layer or exit playback.

4.4 Settings Interface Overview

From the preview main interface, short press the menu button to enter the settings mode.



1. Video Resolution:

Change the video resolution. Currently available options are 4K and 2.5K, which correspond to 3840x2160 resolution and 2560x1440 resolution, respectively. The default is 4K

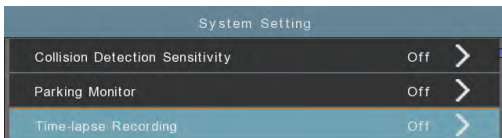
2. Loop Recording:

Indicates the recording time length and file segmentation duration. The recording period can be set to 1, 3, or 5 minutes, with the default being 1 minute.

Note: When the SD card is full, the recorder will overwrite the earliest recorded footage.

3. Frequency

Set to 50Hz or 60Hz to suppress flickering caused by different lighting conditions. The default is 60Hz.



4. Collision Detection Sensitivity

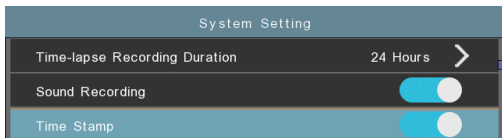
Options: Off, Low, Medium, High. The default is Medium.

5. Parking Monitor

Options: Off, Low, Medium, High. The default is Off. When activated, if a collision occurs after the car is turned off, the recorder will start and record a short video, then turn off.

6. Time-lapse Recording:

Options: Off, 1FPS/S, 2FPS/S, 5FPS/S. "Off" means time-lapse recording is disabled. The other options indicate the time-lapse recording rate. Note: Time-lapse recording and providing monitoring require the installation of a voltage step-down line and long-term power connection.



7. Time-lapse Recording Duration:

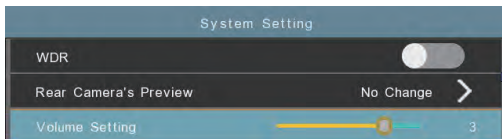
Options: 12 hours, 24 hours, 48 hours, 72 hours. Indicates the duration of time-lapse recording after the car is turned off.

8. Sound Recording:

Options: Off, On. When turned on, the sound from the environment will be recorded along with the video; otherwise, there will be no sound.

9. Time Stamp:

Options: On, Off. When turned on, a timestamp will be added to the recorded video. When off, there will be no timestamp.



10. WDR:

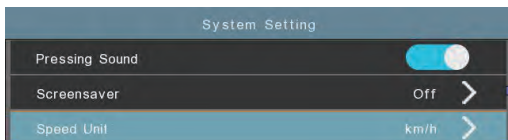
Options: On, Off. When turned on, the exposure effect will be better, and the overall image will be slightly darker.

11. Rear Camera's Preview:

Options: No Change, Video Mirror, Upside down, Upside down & Video Mirror.

12. Volume Setting:

Options: 1, 2, 3, 4 (Off, Low, Medium, High). Sets the volume of the voice prompts.



13. Pressing Sound:

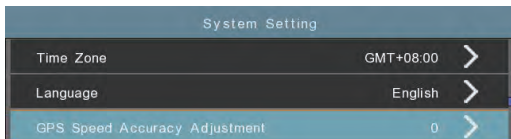
Options: Off, On.

14. Screensaver:

Options: Off, 1 minute, 3 minutes. When set to Off, the screen remains on. Other options specify the time after which the screen will turn off.

15. Speed Unit

The unit of speed displayed by GPS, km/h or mph.



16. Time Zone

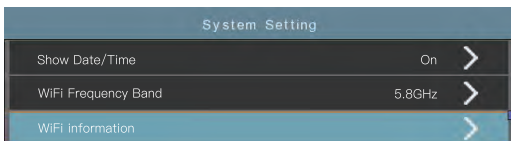
Select from the 24 global time zones as required.

17. Language

Set the language for different countries.

18. GPS Speed Accuracy Adjustment

Adjust this value if there is a discrepancy in the detected vehicle speed.



19. Show Date/Time

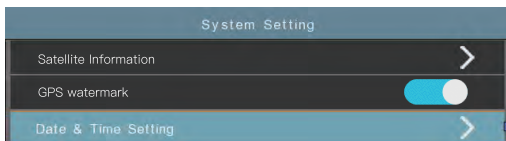
Display the date, time, and day of the week in the preview interface. If turned off, these will not be displayed; if turned on, they will be shown.

20. WiFi Frequency Band

Supports two frequency bands: 2.4G and 5.8G. The advantage of 5.8G is faster download speed.

21. WiFi Information

Manually turn WiFi on and off.



22. Satellite Information

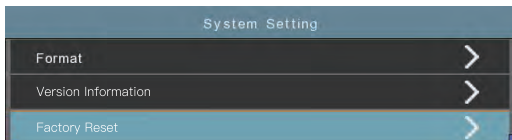
Shows the current GPS signal strength.

23. GPS watermark

Manually turn WiFi on and off.

24. Date & Time Setting

Manually set the system time of the recorder.



25. Format

Format the TF memory card; regular formatting is recommended.

26. Version Information

Displays the firmware version of the recorder.

27. Factory Reset

A dialog box will pop up to confirm if you want to restore factory settings. Confirming will reset all functions to the factory settings interface.

5. Introduction to ADAS & BSD

In the preview interface, short press the menu button to enter the main interface. In the main interface, select the "Smart Driving" icon to enter the ADAS & BSD settings options. Use the direction keys to move the icon and the OK button to confirm operations.

Note:

1. ADAS and BSD can only choose one at a time.
2. When this function is turned on, the recording resolution is reduced to 2K.
3. This function is auxiliary and not a basis for determining whether the product is functioning normally.



5.1 ADAS:

Using the front camera image and a dedicated image recognition algorithm, ADAS detects various conditions that may affect driving safety, such as collisions, lane departures, and pedestrians. It alerts the driver through voice and screen display to pay attention to driving safety.

1. Automatic Calibration: Automatically calibrates based on the actual image.
2. Manual Calibration of ADAS: Enter manual calibration mode to adjust the angle of the front view.
3. ADAS On/Off Switch: Note: Turning it on reduces the recording resolution to 2K.
4. ADAS Sensitivity Settings: (After entering the options.)
 1. Forward Collision Warning (Off, Low, Medium (default), High); voice prompt: "Attention to collision."

2. Lane Departure Warning (Off, Low, Medium (default), High); voice prompt: "Please do not cross the line."
3. Pedestrian Collision Warning (Off, Low, Medium (default), High); voice prompt: "Attention to pedestrians."
4. Forward Vehicle Start Warning (Off, Low, Medium (default), High); voice prompt: "The car in front has started."
5. Close Distance Warning (Off, Low, Medium (default), High); voice prompt: "Maintain distance."
6. Alarm Sound (Off, On); turning off will disable sound alerts.
7. Display Alarm Area and Prompt Box (On, Off); turning off will disable the prompt box display.



5.2 BSD

Using the rear camera image and a dedicated image recognition algorithm, BSD detects vehicles and pedestrians in the left, center, and right directions that may affect driving safety. It alerts the driver through voice and screen display to pay attention to driving safety.

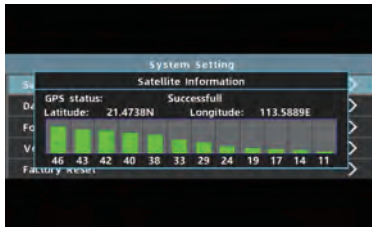
5. Manual Calibration of BSD: Enter manual calibration mode to adjust the angle of the rear view.
6. BSD On/Off Switch: Note: Turning it on reduces the recording resolution to 2K.
7. BSD Sensitivity Settings:
 1. Alarm Sensitivity (Low, Medium, High)
 2. Speed Threshold (0, 30 km/h (default), 50 km/h, 80 km/h, 100 km/h); this function activates above the specified speed.

3. Alarm Tone (On, Off); turning off will disable sound alerts.
4. Display Alarm Area & Color Frame (On, Off); turning off will disable the prompt box display.



Explanation of GPS satellite reception and playback trajectory

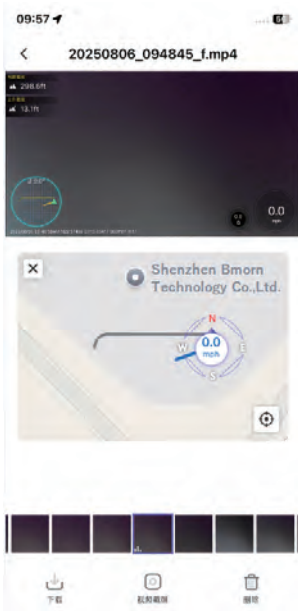
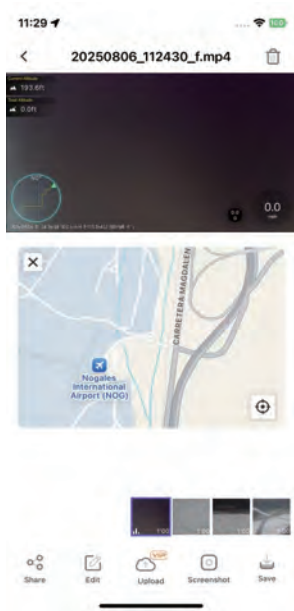
1. When viewing GPS in an open area, the signal-to-noise ratio should reach 3 or above 40



2. After GPS positioning, the recorded video can be viewed for playback trajectory through APP or computer

APP View Trajectory

Android: Search for 'Wind Recorder' in the mobile app store or browser to download and install it. After installation, open the app, click on 'More' -> 'App Settings' -> 'Offline Map' to download the map. After downloading, restart the app and connect to the recorder to play back the video and view the trajectory



Apple: Search for 'Wind Recorder' in the Apple Store to download and install, then open the app to connect to the recorder and enter the playback mode to play files;

Attention: Apple APP tracks online maps, plays video files to keep the network smooth

Viewing trajectories on the computer

TF card is recorded on the recorder and inserted into the computer. A TXT document will be generated in the card, which contains a download link for the player. Enter the link in the browser to download the player and install it. After installation, open and play the video file in the card

三、Wi-Fi Connection And APP Control

1.Download Viidure APP

1) Method 1: Scan the QR code below to download Viidure APP



2) Method 2: You can search for "Viidure" in the Android App Store or the iOS App Store and download it.

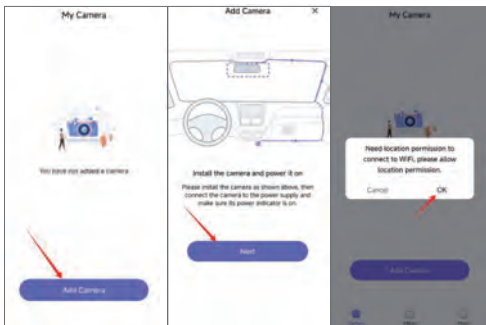


2. Connect to the dash cam

1) Step 1: Enter the video recording mode of the dash cam, then press the ▲ UP button, the dash cam will automatically enter the following wifi connection mode. The dash cam screen will display as follows:



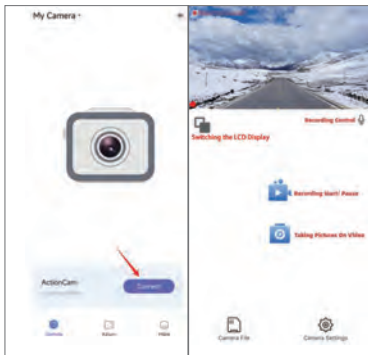
2) Step 2: Open the Viidure APP and operate as shown below:



- 3) Step 3: Enter the WIFI connection page of the mobile phone, find the **WIFI SSID** corresponding to the driving recorder, and enter the **WiFi password: 12345678** to complete the WIFI connection.



- 4) Step 4: Return to the Viidure APP, where you can view recorded videos and set up the dashcam.



3.View recorded videos

- 1) Operation step: Click "Camera File" below to view the recorded video.
- 2) Note: The video played on the mobile phone is compressed. If you want to watch the original high-definition video, please download it to the mobile phone to play



4. Download videos

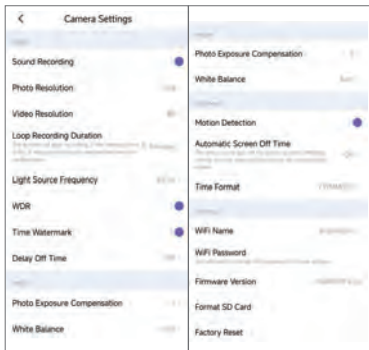
- 1) Operation step: Select the video you need and select the "Download" icon at the bottom of the screen to download the video
- 2) Note: After the video is downloaded to your phone, if you need, you can share it with your friends or social media, or collect evidence to protect your safety and rights.



5. Set up the dashcam through the APP

1) Click "Camera Settings" on the bottom right of the page to set up

2) Specific setting parameters are as follows:



6. Return to key operation

If the dashcam screen shows the following situation (WiFi connection prompt), and you want to restore to the recorder recording screen, you close the Viidure APP and press the ▲ up button of the dashcam at the same time, and wait for 3 seconds to restore.



7. Technical Support

If you encounter any problems in connecting the APP and the dashcam, you can contact our technical team through the email below. Our technicians will help you solve the problem as soon as possible.

FCC Caution.

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.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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 or relocate 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.

*RF warning for Mobile device:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.