

# 4K Dual-Lens WiFi Dash Cam with Night-Vision and 360 Rotatable Lens



## Technical Specifications

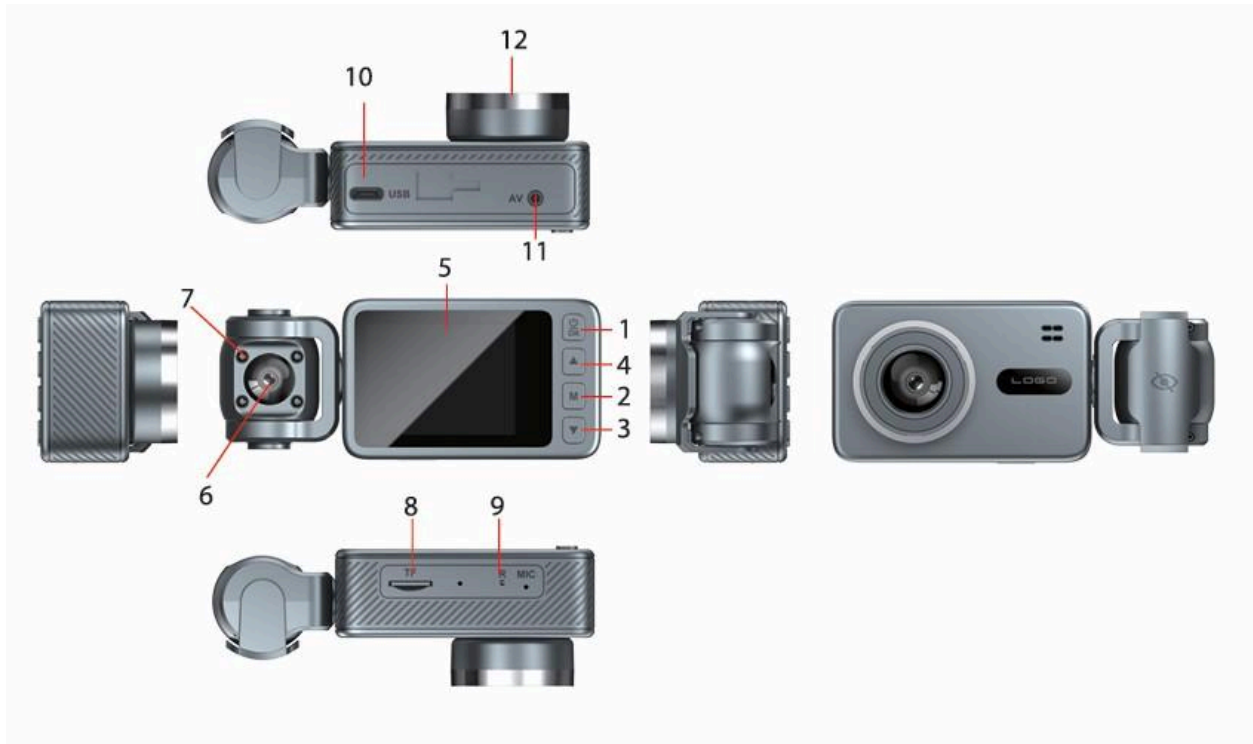
- Chipset: Novatek 96670; Sensor: Sony IMX415 1/2.9" 2 MP
- Resolutions: 4K (Front) / 1080 p (Interior) @ 25fps
- Lens Angles: 170° front + 120° cabin, 6-layer & 4-layer glass optics
- Display: 2.0" IPS touch screen, 820 × 320 px
- Storage: microSD (Class 10) 16 - 128 GB (not included)
- Connections: 2.4 GHz Wi-Fi 802.11 b/g/n; Type-C 5 V power;
- Operating Range: -20°C to +65°C; Humidity 10-90 % RH
- Specials: Seamless loop-record, 360° rotatable lens & cover, multilingual UI

## Download the App and Pairing

Scan the QR code to download and install the Viidure app. Turn on Wi-Fi on your phone, then press and hold the camera's Up button to access the Wi-Fi settings. SSID: Starting with CDR. WPA2 password: 12345678.



## Product Overview



1. Power/confirm/OK button
2. Menu button
3. Flip down button
4. Flip up button
5. Display
6. Car interior camera
7. Night vision lamp
8. TF card slot
9. Reset button
10. Power interface
11. Rear view camera (optional)
12. Front camera

## Video Menu

1. Resolution  
Select the video resolution: 4K / 2K / 1080P / 720P
2. Loop Recording  
Set the recording length: Off / 1 minute / 2 minutes / 3 minutes
3. HDR (High Dynamic Range)  
Turn HDR On or Off to improve image quality and enhance visual performance.
4. Exposure Compensation  
Adjust the exposure level: -3 / -2 / -1 / 0 / +1 / +2 / +3

5. Motion Detection

Turn this function On or Off. In standby mode, the camera will automatically start recording when motion is detected.

6. Sound Recording

Turn audio recording On or Off.

7. Time Stamp

Turn the date and time display On or Off in recorded videos.

8. License Plate Number

Turn this function On or Off to display the vehicle license plate number on the recording.

9. G-Sensor

Select sensitivity: High / Medium / Low.

In the event of a collision or sudden impact, the current video file will be locked to prevent it from being overwritten.

10. Parking Monitor

Turn this function On or Off.

When enabled, the camera monitors the vehicle while it is parked and unattended.

11. Date/Time

Set the year / month / date / hour / minute / second.

12. Auto Shut-Down

Set the automatic power-off time: Off / 3 minutes / 5 minutes / 10 minutes

13. Keypad Tone

Turn the button sound On or Off.

14. OSD Language

Select the on-screen display language.

Multiple languages are supported.

15. Light Source Frequency

Select the light source frequency: 50 Hz / 60 Hz.

16. Format

Select Confirm or Cancel to format the TF card.

17. Screen Saver

Set the screen saver time: Off / 30 seconds / 1 minute / 2 minutes

18. Default Settings

Select Confirm or Cancel to restore the device to its default settings.

19. Version

Displays the device software version number.

## Photo Menu

### 1. Shooting Mode

Select the shooting mode: Single Shot / 2-Second Timer / 5-Second Timer / 10-Second Timer

### 2. Resolution

Select the photo resolution: 1M / 2M / 3M

### 3. Continuous Shooting

Turn this function On or Off.

### 4. Picture Quality

Select the image quality: High / Standard / Economy

### 5. Sharpness

Select the sharpness level: Strong / Standard / Soft

### 6. White Balance

Select the white balance mode: Auto / Sunlight / Cloudy / Tungsten Lamp / Fluorescent Lamp

### 7. ISO

Select the ISO setting: Auto / 100 / 200 / 400

### 8. Exposure Compensation

Adjust the exposure level: -3 / -2 / -1 / 0 / +1 / +2 / +3

### 9. Time Stamp

Select Off or Date.

## Buttons and Functions

### Power / OK Button

- Press to power the device on or off.
- In the menu interface, short press to confirm a selection.
- During video recording, short press to start or stop recording.

### Menu Button

- Short press to enter the menu interface.
- Use it to select setting options.
- Long press to switch to another menu section.
- In recording mode, long press to turn the night vision light on or off.

### Up Button

- Press and hold to enable the Wi-Fi function.
- In recording mode, short press to switch camera functions.

### Down Button

- Short press to switch the camera interface.

### Rear View Lens (Optional)

When the rear view camera is connected, insert the 4-pin plug of the rear view lens into the device's AV-IN port. If the connection is successful, a rear view image icon will appear in the top right corner of the screen.

- Short press the OK button to pause.
- Long press the designated button to switch between the front and rear camera views.
- When the vehicle is shifted into reverse gear (R), the full rear view image will be displayed automatically.

**Note:** This device supports recording from two cameras at the same time, not three channels simultaneously.

Supported combinations are:

- Front + inside camera, or
- Front + rear camera

If a rear camera is installed and the front + inside view mode is selected, the full reversing image will be displayed automatically when the vehicle is shifted into R gear, but the front + inside video recording will stop. After exiting reverse gear, the device will automatically return to the previous mode. Because the system does not support 3-channel recording at the same time, this is normal operation.

### **Reset**

If the recorder freezes or operates abnormally due to accidental operation, press RESET to shut down the device, then press OK to restart it.

## **Installation Notes**

1. Please test the rear view camera first. If it works properly, then install it. (For models without a rear view lens, this step can be ignored.)
2. Turn off the car engine.
3. Insert the TF card into the recorder slot.
4. Use a high-speed TF card (Class 10 or above) with a capacity of at least 4 GB. The device supports TF cards up to 32 GB.
5. Mount the recorder securely to the front windshield of the vehicle using the bracket.
6. Connect the car charger to the vehicle's cigarette lighter / power outlet.
7. When routing the charging cable, run it along the edge of the door frame and under the vehicle trim where possible.
8. Install the rear camera near the rear of the vehicle. Pay attention to the routing direction and wiring path along the roof lining.

There are two installation methods for the rear camera:

A. Attach to the glass above and behind the vehicle

- Rear view display while reversing is not available.
- Only real-time rear video recording is supported.

B. Install near the license plate and connect to the reversing light power supply

- The reversing view function can be enabled.

9. Adjust the lens position to ensure the best viewing angle.

10. Start the engine and check that the device is operating properly.

## Features

### 1. Automatic Recording

After the car engine is started, the recorder will automatically power on and begin recording.

When the engine is turned off, recording stops and the video files are saved to the TF card.

When the TF card is full, the system will automatically overwrite the oldest unlocked video files.

Note:

- The loop recording time can be set to 1 / 2 / 3 minutes in the menu.

- Video files are saved to the folders DCIMA and DCIMB on the TF card (depending on the camera view used).

### 2. Motion Detection

In standby mode, enable Motion Detection in the menu. When movement is detected in front of the lens, the recorder will begin recording automatically.

Recording continues for about 30 seconds after motion stops. To exit motion detection mode, disable it in the menu while in standby mode.

### 3. G-Sensor

The built-in G-sensor (gravity sensor) detects strong impacts or collisions. If a serious collision occurs, the recorder will lock the current video file so it cannot be overwritten. Locked files are saved as protected files.

Note: The G-sensor sensitivity may need to be adjusted in the setup menu depending on actual driving conditions.

### 4. File Lock

The device includes a file lock function that protects important video files from being overwritten during loop recording. In video mode, short press the Menu button to lock the current video file.

### 5. Date and Time Setting

In shooting mode, press the Menu button to enter the menu settings and find the Date/Time option. Press the OK button to confirm. After completing the settings, press the Menu button again to exit the menu.

Note: To record accurate date and time information for traffic safety or accident evidence, set the correct date and time before use.

### 6. File Playback

In playback mode, press the OK button to play the selected file. To exit playback mode, press the Mode button again.

## 7. Reversing Visual Function

To use the rear view function:

- Connect the DVR to the car charger.
- Connect the rear view camera to the reversing light power supply.
- Insert the car charger.

The device will automatically start recording. When the vehicle is shifted into R (reverse) while in recording mode, the screen will automatically switch to the rear camera image. After reversing is complete, the device will automatically return to video mode.

Reminder: Please test the rear view camera before final installation.

## 8. Parking Monitor

To enable unattended surveillance, the device must remain connected to power. Enable Motion Detection and Parking Monitor in the main menu. When the vehicle is parked, if vibration or movement is detected in front of the vehicle, the recorder will automatically power on and begin recording. The device records for about 30 seconds and saves the video file automatically. After that, it returns to monitoring mode.

**Note:** This function is intended for parking use only. Please turn off Motion Detection and Parking Monitor during normal driving.