



F8 USER MANUAL

 Please note that this product may update without prior notice.

If you have any question while using this product, please contact us: service@ovaman.com

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Linking Process

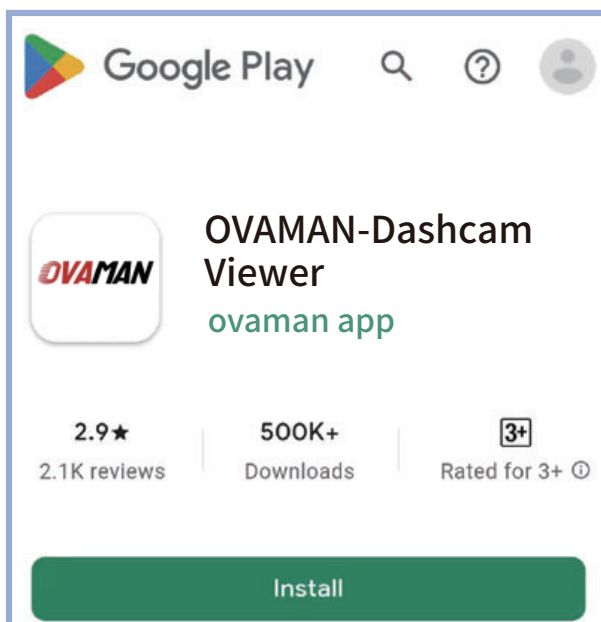
1. **Android:** Use a browser with QR code scanning function on Android phones(Recommended: Edge, Opera) to scan the QR code and download "OVAMAN" **while allowing all permissions.**

IOS: use the built-in camera on iPhones to scan the QR code, and click the yellow button that pops up below the QR code in the camera interface to download it from the Apple App Store.

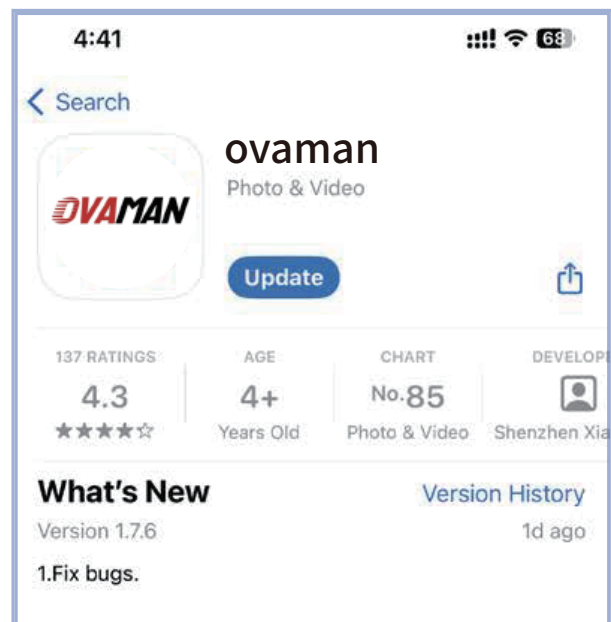


ovaman OVAMAN
Android (Scan with a browser that has QR code scanning functionality.)
IOS (Use the built-in camera to scan the QR code and click to jump)
 GET IT ON Google Play  Download on the App Store

2. OVAMAN app, you can also search and download it by searching for OVAMAN in the Android store or Apple App store (**allow all permissions**).

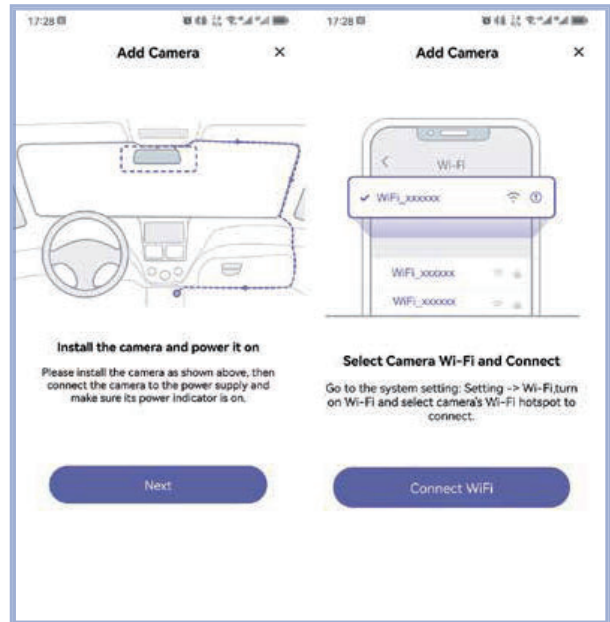
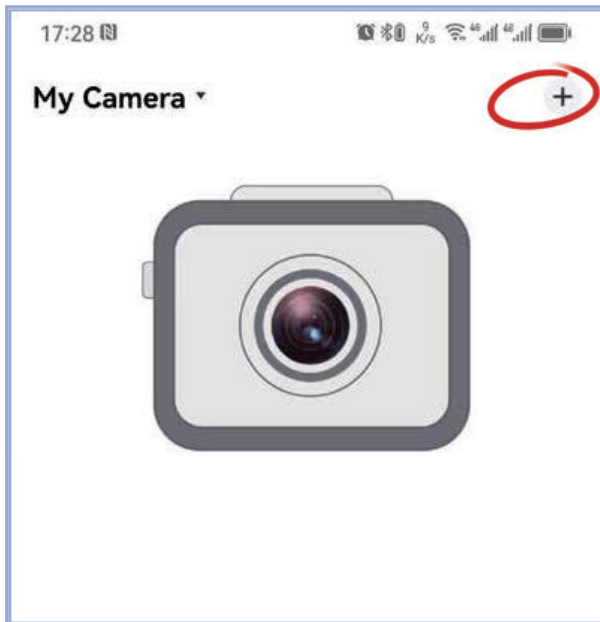


Android (Google play)



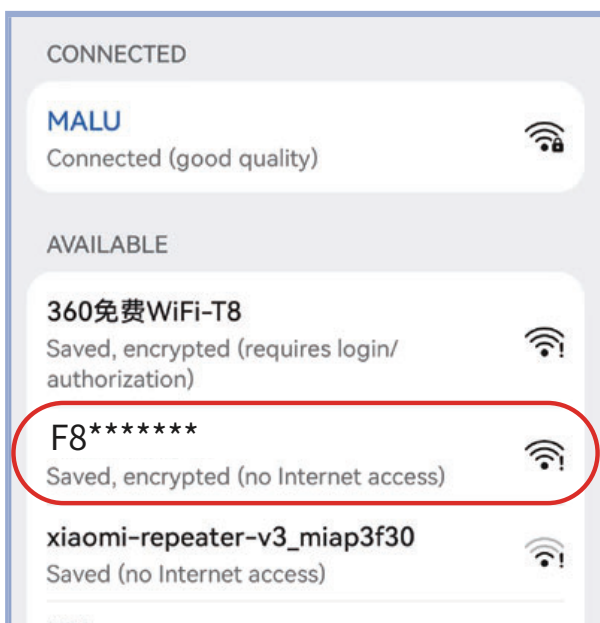
IOS (App Store)

3. click the + sign in the upper right corner of the APP homepage, then select next step to link Wi-Fi.



4. Turn on the dash cam, go to settings and enable the Wi-Fi hotspot. On your phone, click to connect to the hotspot signal starting with “F8 *****.” When a prompt appears stating that the WLAN cannot access the internet, click “Use.” After connecting to the hotspot, return to the app's homepage to complete the app connection.

(For older phones that don't support 5G Wi-Fi, set the Wi-Fi band to 2.4GHz in the settings after connecting to the app)





**Hardwire Kit
Installation Video**



**Dash Cam
Installation Video**



**F8 Connect To Wifi
Operation Guide**



AutoNex mall



**understand the
latest updates**

Whatsapp link:

[https://wa.me/mes-
sage/BQCA2VOM345OB1](https://wa.me/message/BQCA2VOM345OB1)



Email

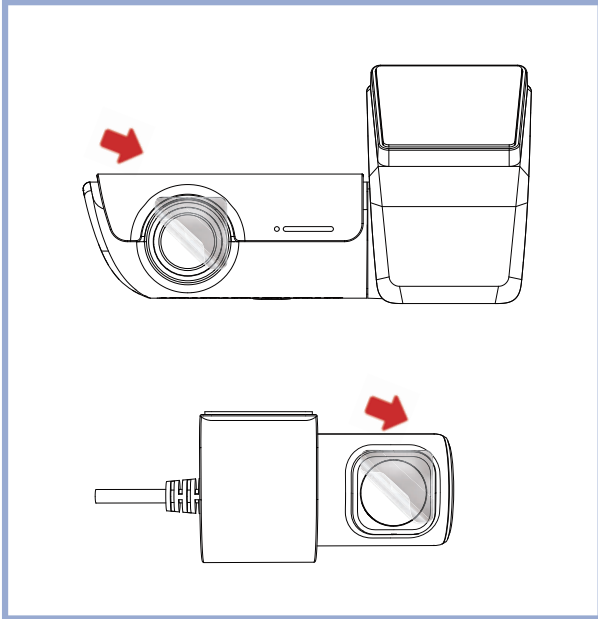


Whatsapp

E-mai:Service@ovaman.com

Important Notes

Before installing the dash cam, please remove the protective film from the front and rear lenses, and apply the included static cling film to the car window.



Hardwire Kit (Necessary for the parking monitoring function) (Not included in the package, please purchase separately if needed.)

**Hardwire Kit Needed
Extra Purchase**

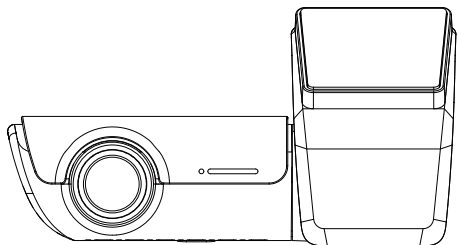
Asin: B0D98CC7L8



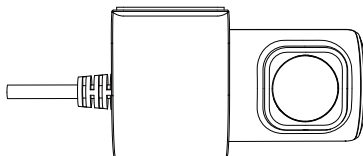
Specifications

Model	F8
Front Lens	4K(3840x2160)
Rear Lens	1080P(1920x1080)
Language	English/Simplified Chinese
Storage Compatibility	MicroSD Card(up to 256GB)
Video Resolution	4K(3840x2160)+1080P(1920x1080)
Photo resolution	4K(3840x2160)+1080P(1920x1080)
Video Compression	H.264
Video format	TS
Image Format	JPEG
Storage Temperature	-30°C~70°C/-22°F~158°F
Operating Temperature	0°C~50°C/32°F~122°F
Operating Humidity	15%~65% RH

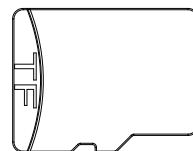
Packing List



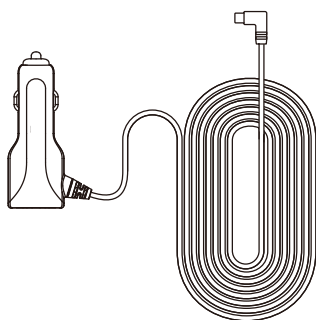
Dash Cam



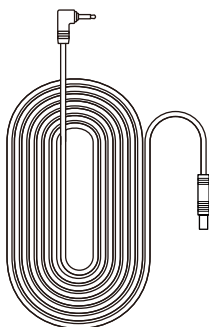
Rear Camera



MicroSD Card



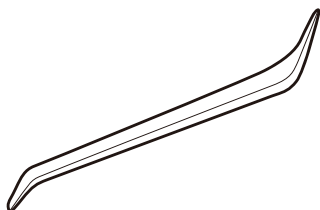
Power Supply Cable
with Car Charger



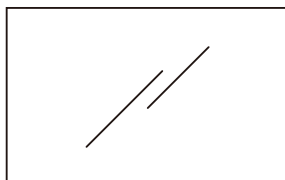
Rear Camera Cable



User Manual



Car Wire Trim Tool



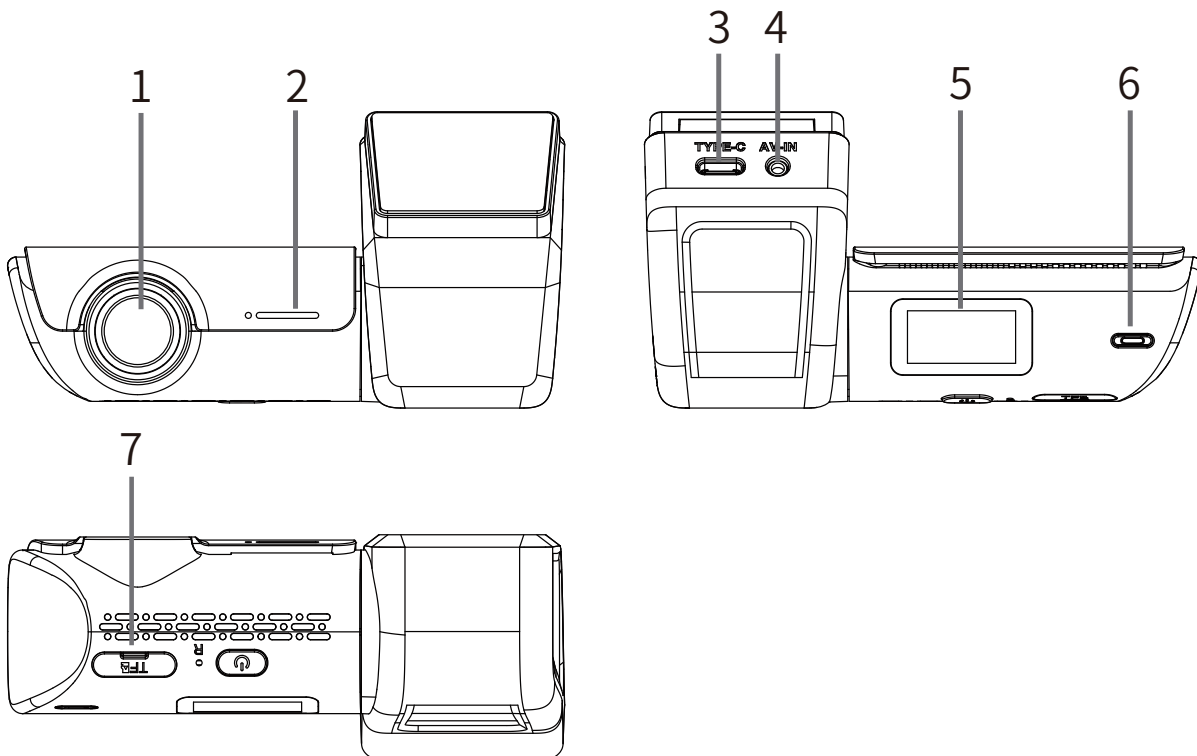
Cleaning Cloth



Electrostatic Sticker

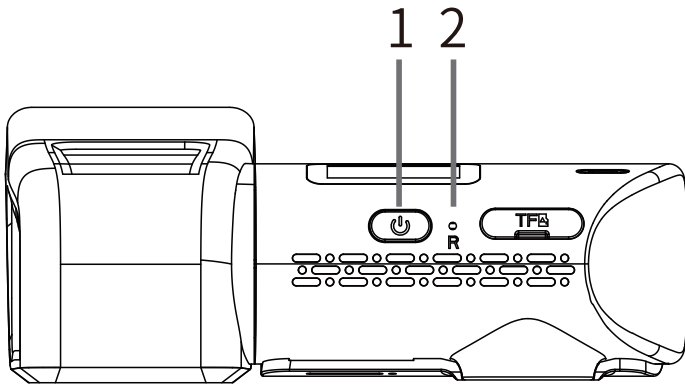
Product Overview

This product incorporates a high-performance chip to deliver high definition video and seamless dynamic imaging. Please read this manual thoroughly before use and retain it for future reference. We are confident that this product will meet your demands and serve as a long-term reliable solution for your needs.



- | | | |
|-----------------|-------------------|--------------------|
| 1. Front Lens | 2. Loudspeaker | 3. Power Connector |
| 4. Rear Camera | 5. Display Screen | 6. Indicator Light |
| Interface | | |
| 7. TF Card Slot | | |

Buttons and Functions



1. Power Button

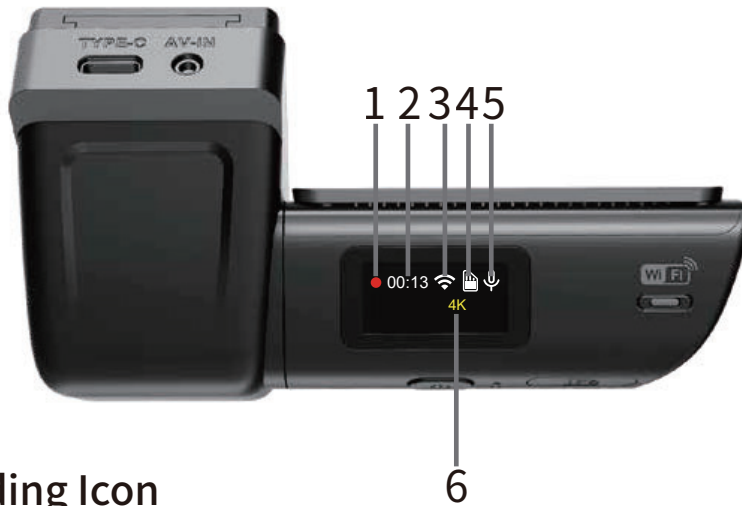
- Long press to power on/off.
- Short press to switch interfaces.
- Double-click to restore factory settings.

2. Reset Hole

- Short press to restart the dash cam.

User Interface Overview

Start the car engine, the recorder will automatically start and activate the recording function, and enter the preview display interface.



1. Recording Icon

A flashing red light indicates normal recording, a flashing yellow light indicates emergency recording, and it will be hidden in the non - recording state.

2. Recording Time

Under normal recording, the recording time is displayed. By default, it is 1 minute. You can choose to change the time for loop recording in the settings interface, and it will be hidden in the non - recording state.

3. Wi-Fi Icon

The Wi-Fi icon is gray when not connected, and it turns green after connection.

4. Storage Card

When the TF card is inserted:

If it's in a normal state, it's displayed in green.

If there is an abnormality, it's displayed 

5. Audio Recording

The status of whether the recording includes audio.

6. Recording Resolution

7. Time Display

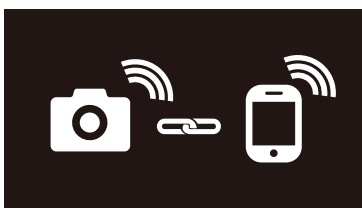
2025-02-07
14:50:04
Friday

8. APP QR code Wi-Fi name: SUNLINK-F8-XXXX, Wi-Fi password:
12345678



SUNLINK-
F8-
F8F1D6
12345678

9. APP setting status



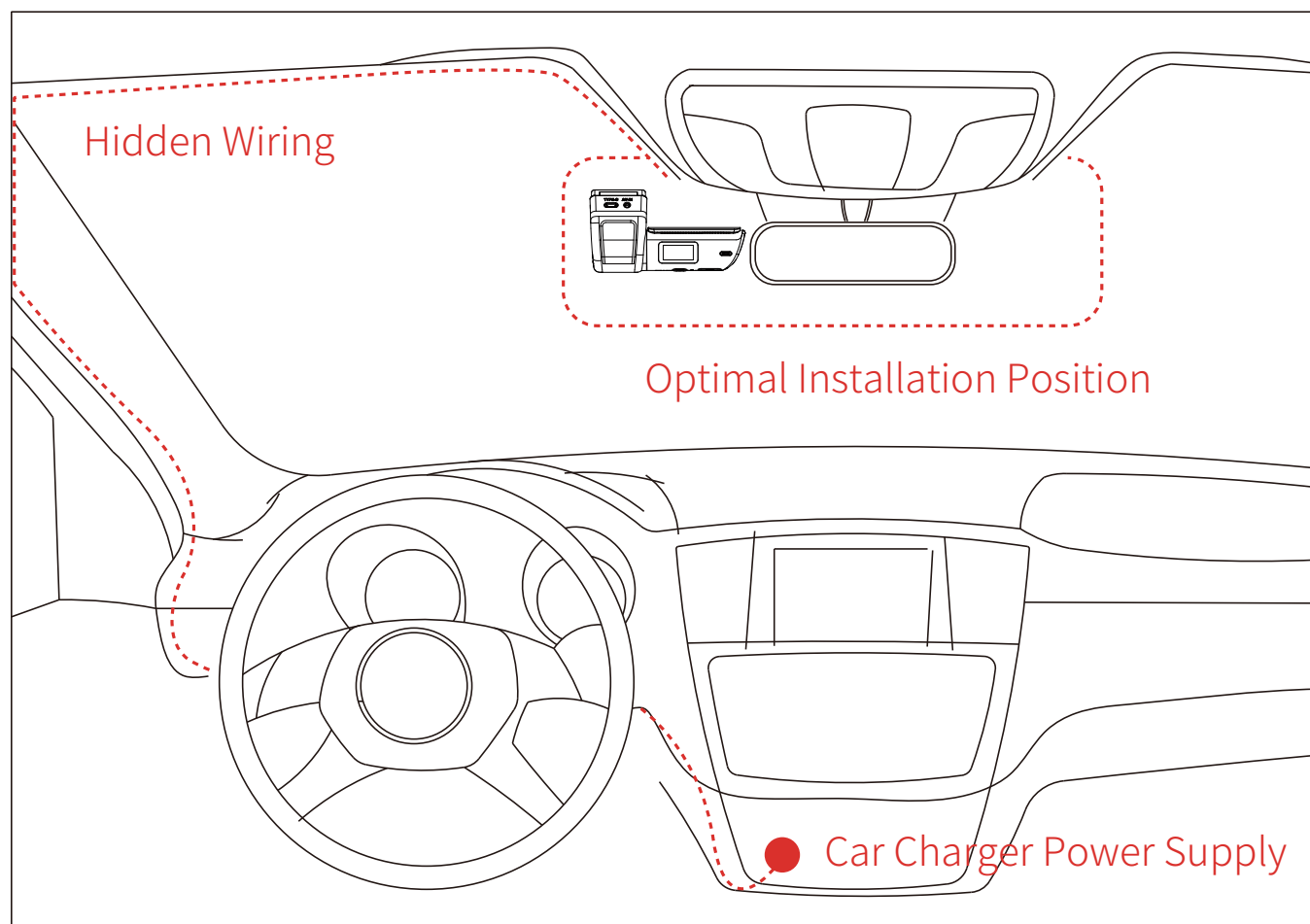
APP Preview Interface Introduction



1. Recording status
2. Real-time picture
3. Front and rear video switching
4. Recording button
5. Photo button

6. Full screen preview
7. Recording switch
8. Dash cam playback
9. Dash cam settings

Installation Guidance Description

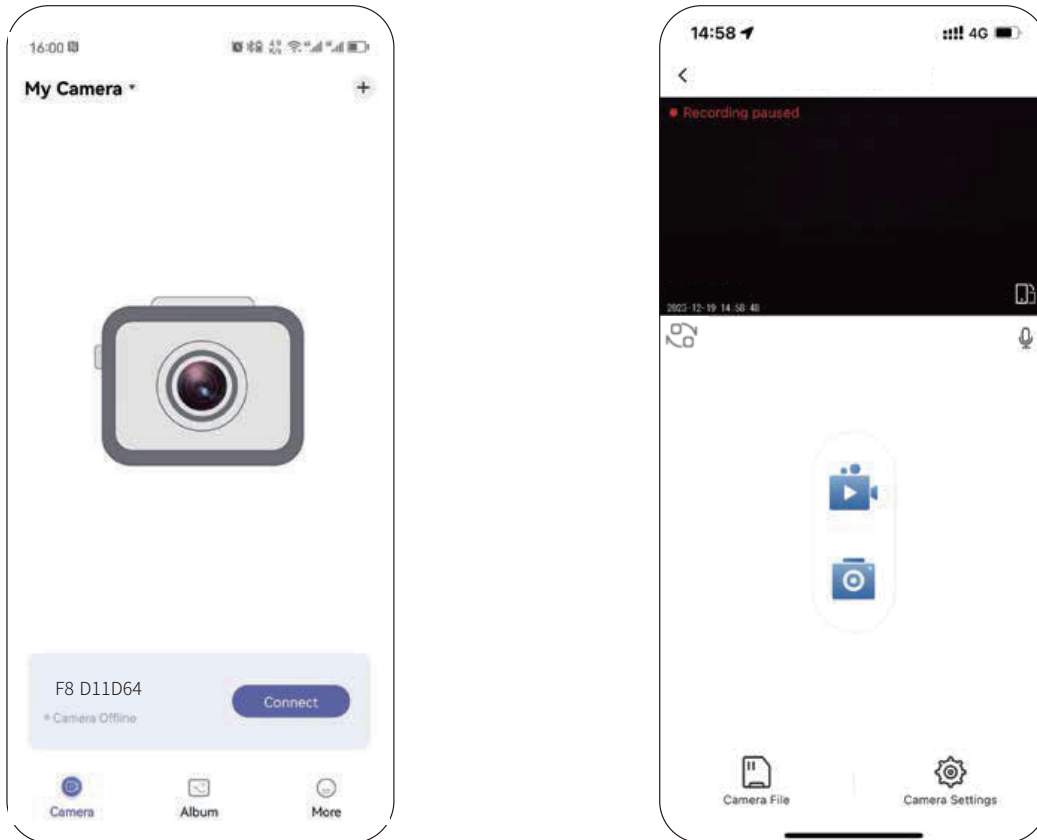


Important Matters:

1. Before installation, power on the device to check if all functions are normal. Do not forcefully pull the wires during installation. Ensure that the connection terminals are not incorrectly connected, misplugged, or reversed.
2. If the functions and display are normal before installation but abnormal after installation, it is likely due to installation issues. Please check if there is a short circuit in the connection wires or if the pins inside the connection terminals are bent or short-circuited.
3. During the vehicle installation process, it is strictly prohibited to damage or modify the original wiring circuits. If the wiring is damaged during installation, the entire set of new wiring must be replaced and installed before powering on the device.

APP Interface Introduction

(Interface may be different due to different operating system but it will still work.)

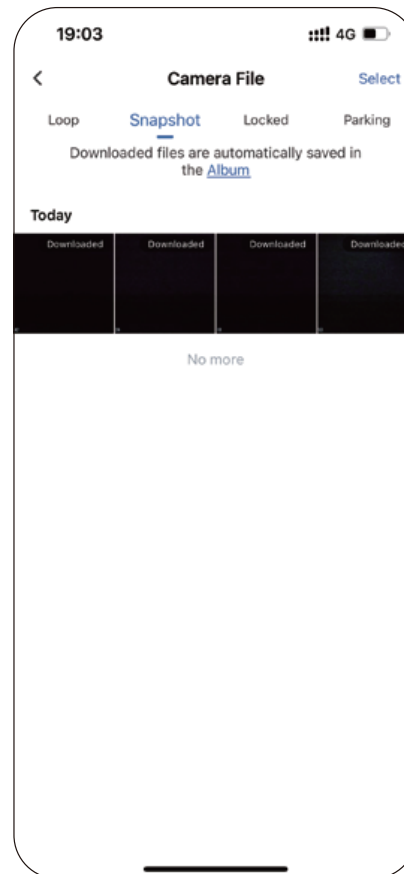


Photograph: Mode for taking pictures, tap 📷 icon to take a photo, Video Recording: Mode for recording video, tap 📹 icon to start recording;

- 📄 Tap to check out the video files
- 📄 Tap to check out the image files
- ⚙️ Tap to enter setting menu
- 📁 Tap to check out video and image files which are downloaded
- 🔗 Into phones: You can share those files with your family and friends on SNS
- 🖼️ Tap to preview in full screen
- 🔄 Front and rear video switching

Check out files in dash cam

Tap this icon to enter the main interface of folder, press and hold any video files and then you can edit the video file as below.

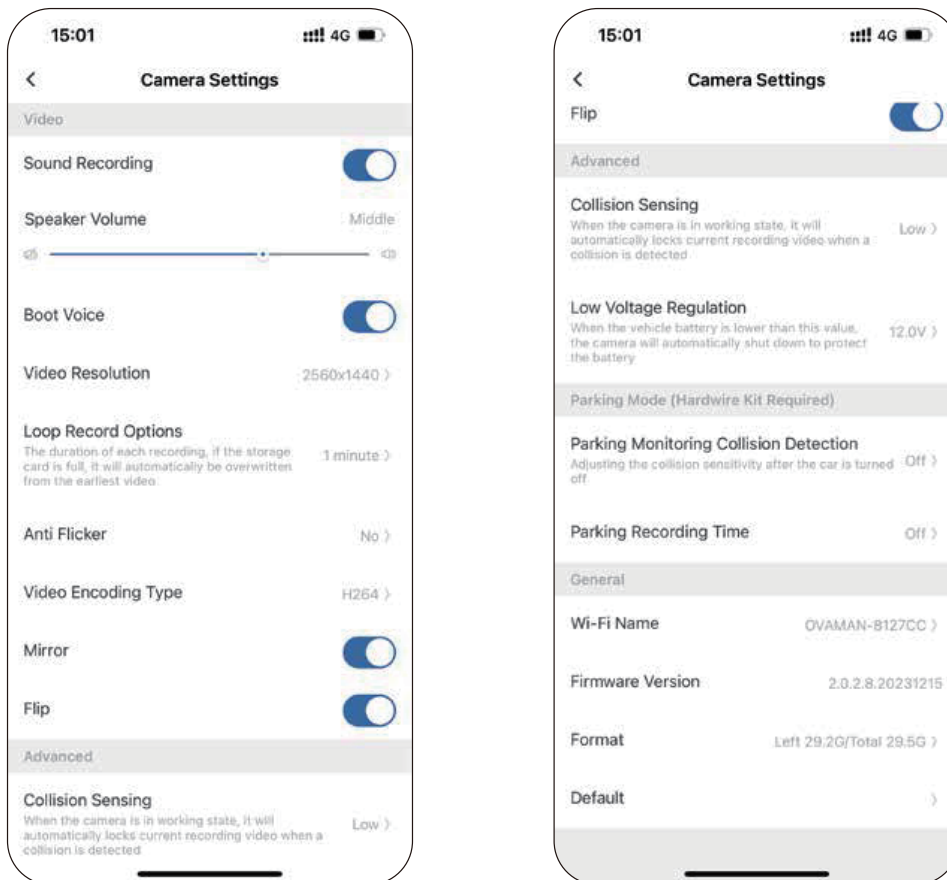


 Select an image or video and tap this icon to download it into phone

 Select an image or video and tap this icon to delete it

 Cancel : tap to quit edition

Tap to enter settings menu



Audio Recording: tap to turn on/off audio recording while recording video

Speaker Volume: move the slider bar to increase or decrease your speaker volume

Startup Sound: tap to turn on/off start up sound

Video Resolution: tap to select from 2K/4K

Recording Time: tap to select from 1/3/5 minutes

Frequency: tap to select from none or 50/60

Video Encoder Format: tap to select from H.264/H.265

Left and Right Mirroring: tap to turn on/off left and right mirroring

Upside Down: tap to turn on/off upside down function

Collision Sensitivity: select from Low/Middle/High

Low-voltage Adjustment: tap to set a target voltage (The dash cam will automatically power off to protect car battery while the voltage of car battery is under this voltage)

Collision Sensitivity While Parking: tap to select sensitivity level or off while parking.

Monitoring Time While Parking: tap to select monitoring time or off while parking

Wi-Fi SSID: Tap to change the Wi-Fi SSID

Firmware Version: tap to check out the firmware version

Memory Card Formatting: tap to format the TF card

Restore Factory Setting: tap to restore factory setting

Dash Cam Hardwire Kit Installation Guide

Function of the Dash Cam Hardwire Kit

The typical voltage in a car is 12V, while the universal voltage for dash cams is 5V. The Hardwire Kit steps down the voltage from the car's 12V to 5V for use by the dash cam.

Hardwire Kit Power Connection Required for 24 Hours Parking Mode (Collision Detection and Time-Lapse Video Duration)

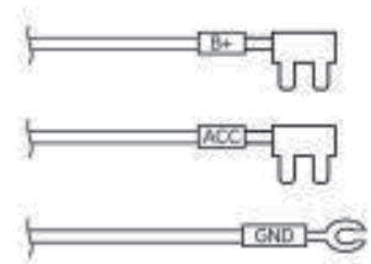
Warning:

Incorrectly connecting the hardwire kit may render parking mode inoperable and damage the car battery. Hardwire Kit installation Method

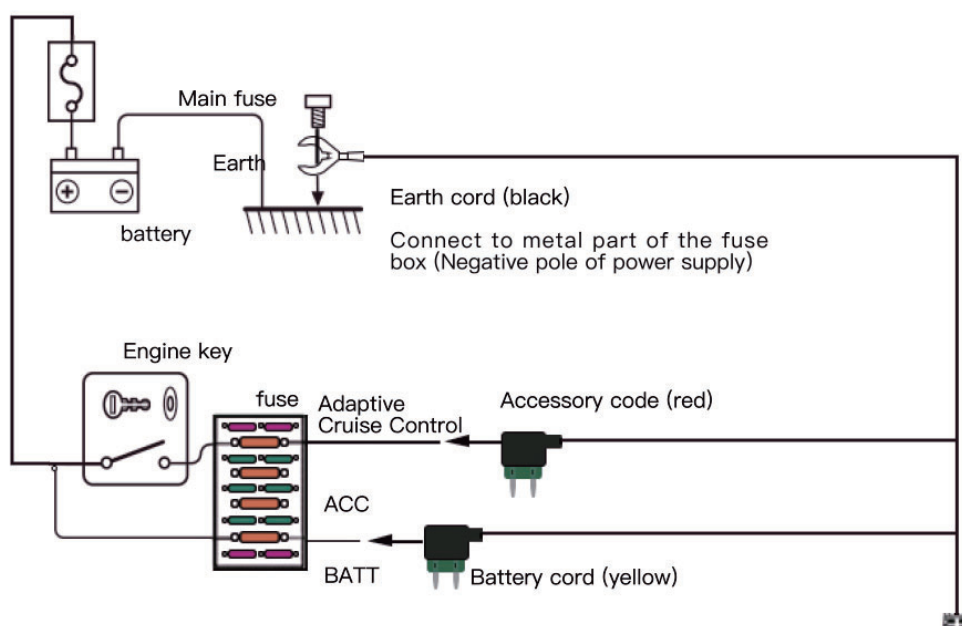
Connect to the car's constant power fuse.

Yellow wire → B+ Red wire → ACC → Connect to the positive terminal of the car battery (controlled by the ignition switch)

Black wire → Ground → Ground (attach to the screw in the fuse box).



Hardwire Kit Installation Method



Step 1: When choosing an installation location, ensure the dash cam's hardwire kit can be connected to the car's power source without obstructing the driver's vision or interfering with driving operation

Step 2: Before starting installation, be sure to disconnect the power to prevent electrical malfunctions or vehicle damage.

Step 3: Connect the red wire of the hardwire kit cable to the ACC in the fuse box, the yellow wire to the car's constant power source, and the black wire to ground (use a test pen to confirm connections during the installation process).

Step 4: Reconnect the car's power, start the engine, and ensure the dash cam is functioning properly.

Note:

Protect the car's internal wiring during wiring to avoid affecting the normal operation of other devices. If you are unsure about your actions, it is recommended to seek assistance from a qualified professional.

FAQ

Q1. How to Enable Parking Mode Parking Mode is enabled through the dash cam's settings menu: Enter the dash cam's settings menu and find the "Collision Detection" option and enable it.

Q2. My Dash Cam Doesn't Record Videos After Parking. What Should I Do?

- **Check Power Connection:** Ensure the hardwire kit is connected correctly and that it is connected to both always-on power (BAT) and ignition power (ACC).
- **Check Dash Cam Settings:** Confirm that Parking Mode is enabled in the settings menu.
- **Voltage Test:** Use a multimeter to measure the hardwire kit's output voltage. Ensure the output voltage is stable and meets the dash cam's requirements.

- Hardwire Kit issues: If the above checks are satisfactory, the hardwire kit may need to be replaced.

Q3. How Long Can Parking Mode Recordings Be Saved?

Recording time depends on storage card capacity and recording mode. In parking detection and gravity sensing modes, recording only occurs when an event is detected, resulting in longer storage times. In time-lapse videoduration, recording files are smaller and can also be stored for a longer period. It is recommended to use a high-capacity storage card and regularly clean or back up recording files.

Q4. Where Can I View Parking Mode Recordings?

Parking Mode recordings are typically stored on the dash cam's storage card and can be viewed in the following ways:

- Dash Cam Playback: Long-press the menu button to enter the playback interface. Recordings will be stored in a locked file.
- Computer Viewing: Remove the storage card, insert it a card reader connected to a computer, and open the playback folder in the file manager.
- Mobile App: Enable the dash cam's Wi-Fi function, connect to the Wi-Fi on your phone, open the app: OVAMAN, and view playback files.

INFRINGEMENT

The video (audio files recorded by this product cannot be used without the permission of the rights owner, except for personal use.)

when you're using product with battery

You need to obey the rules blow:

 DANGER	● Do not remodify or dismantling the product. ● Do not heat or put the product into fire ● Do not put the product long-termly under scorching sun or high temperature environment. These behaviours may cause fire disaster and personal injury.
--	---

When you need dispose built-in battery componens

You need to obey the rules blow:

 DANGER	● Do not throw the battery in to fire or water, or heat it. ● Do not put the battery under the scorching sun. ● Attach insulating tape to the battery connector. These behaviours may cause fire, explosion battery liquid leak, personal injury.
--	--

when you need to dispose of built-in battery components You also need to pay attention that:

 DANGER	● It is not reachable for a child ● Seek help from a doctor if the battery liquid contacts one's eyes. These behaviours may cause fire, explosion, battery liquid leak, personal injury.
--	--

When you install this product:

 DANGER	⊘ Please do not install this product on vehicles that does not fit DC12V/24V(with earthwire) electronic facility If you connect this product with power port that is not DC12V/24V, it may cause fire and other functional failure ⊘ Do not install and wire in a location that block the operation of the airbag This may cause airbag malfunction and lead to fatal accident. ⊘ Never use bolts or nuts for car safety parts (steering, brakes, tanks, etc.) This may cause traffic accident ⊘ Do not install in places that obstruct visibility or driving, or that may cause danger to passengers
	ⓘ We recommend that you ask help from the professional for installation and wiring Incorrect installation or wiring can cause serious damage to the car and cause a traffic accident. Please do not install this product on vehicles that does not fit DC12V/24V(with earth wire) electronic facility

Please refer to this manual and install it correctly.



DANGER

- ⓘ **Before installation, please confirm the position of pipes, tanks, and wiring of vehicle electrical facilities.**

Please be careful that do not interfere with pipes tanks, electrical wiring, etc. if you need to screw a hole for installation.

- ⓘ **Be sure to use the included parts in package or recommended parts.**

Other parts may cause accidents, breakdowns, fires

- ⓘ **If it wraps around the steering wheel, shift lever, brake pedal, etc. it may cause a traffic accident.**

- ⓘ **When wiring, please make sure that the cord does not get caught in moving parts such as the car body and seat.**

Make sure that the cord does not get caught in moving parts such as the car body and seat.

- ⓘ **Make sure to insulate the uncovered part of the cord with tape etc.,**

- ⓘ **Before installation, please connect with the parts of this product and power on to check whether it works properly**

This makes you easier to request a refund or free replacement if you find defect or malfunction of this product.



DANGER



Keep small parts such as screws and memory cards out of the reach of children or babies.

If babies swallowed these parts, please seek help from a doctor immediately!



Please use the power cord with cigarette lighter plug included in the package.



Make sure the power plug is well connected.

If not, it may cause product failure, fire, and electric shock.



When pulling out the cigar lighter plug please hold the plastic part and pull it out.

If not, it may cause product failure, fire and electric shock.



Please unplug the product if not in use for a long time.

Depending on the vehicle model, the cigar lighter may not power off even if the engine is turned off. It may cause fire disaster or decrease battery life.



Please clear the cigar lighter plug periodically.

If there is dust on it, it may cause product failure.



Do not insert or remove the cigar lighter plug with wet hands.

This may lead to electric shock or product failure,



DANGER



Do not install in places exposed to water or places with high humidity dust, or oily smoke.



Do not block the ventilation holes or heat sinks of the product.

Heat may be trapped inside the device, causing a fire or malfunction.



Be careful with the cord

Do not damage the cord, pull it forcibly, bend it, twist it, process it, place heavy objects on it, or bring it close to thermal equipment. These behaviors may cause disconnection or short circuit and lead to fire, electric shock, or other accident.



Do not modify or dismantling this product.

Do not modify or dismantling this product without the permission of manufacturer or seller, these behaviors may cause product failure and electric shock, fire and other accident.



Do not allow liquid or foreign matter to get inside the machine.

If metal, flammable materials, liquids, etc. enter, it may cause product failure, smoke, fire or electric shock.

About the Micro SD card



DANGER

- ⚠ Use the edge of a small coin (or similar object) to push the memory card into slot if required. Take care that the card has been inserted into slot, a second push inwards will release the memory card.
- ⚠ Do not remove or insert the memory card when the dash cam is turned on.This may damage the memory card.
- ⚠ Periodically reformat the memory card.We recommenc that youre format the memory card every 2-3 weeks.This will wipe any files from the card and set it up afresh for continued use with your dash cam. Of course, you should only do this after you've downloaded any files from the SD card that you may want to keep, as formatting the card will remove all contents.
- ⚠ Take care when removing the SD card from the dash cam when it is installed in the vehicle. Due to the card slot mechanism, the card will spring from the slot when released.
- ⚠ To format your memory card before using the dash camThis will make sure that the card is structuredspecifically for your camera.
- ⚠ Press ⚙ to enter into the setting and choose the Storage option to follow the on-screen instructions accordingly.

FCC WARNING

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.

To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum 20cm distance between the radiator and your body: Use only the supplied antenna.