

Dash Cam

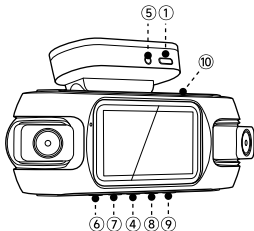
USER MANUAL

Always read the user manual carefully before using the device and keep it for future reference. Images shown in the user guide are for illustrative purposes only and may differ from the actual product.

NOTES

1. If the product has abnormal situations such as machine shell cracking, wire breakage, etc., please stop using the dashcam immediately and contact the company's customer service.
2. If you need to clean, please use a soft cloth to wipe gently, do not use any chemicals for cleaning.
3. Please do not be in a humid, flammable and explosive, corrosive gas or liquid environment.
4. Do not unplug the TF card during the recording process.

LAYOUT OF THE BUTTONS AND PARTS



(1) Power access hole

The Type-C USB plug of the power cord is plugged in from this hole and the other end is connected to the car power supply.

(2) TF card slot

The card is inserted from here.

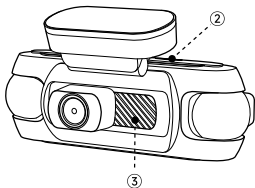
The system requires the use of C10 or higher TF card, otherwise it will cause

problems such as no boot, no recording, and operation failure.

Maximum support 256GB TF card.

(3) Microphone/MIC

Built-in miniature microphone, which can record sound synchronously with the video, and turn on/off through the [Video Recording] option of the mobile APP.



(4) Power switch

Short press to turn off the screen display; long press to power off/on.

(5) Rear lens Slot

If equipped with a car rearview camera, you need to insert the headset connector into this hole on the connection line.

(6) Menu Key

While recording: Press once to lock the current video to prevent it from being overwritten in loop recording.

While recording is Paused: Short press this button to enter the system settings menu. The functions of each button are displayed at the bottom of the screen—operate accordingly.

(7) Photo Key

Press once to capture a photo.

(8) Switch Key

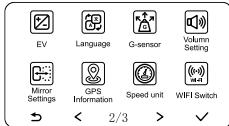
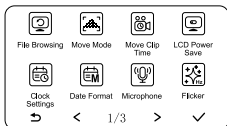
Press to switch between different camera views while recording.

(9) Record Key

Press to Start/stop recording.



In the system settings and detailed settings screens, the button functions are as shown at the bottom of the display.



Back Key ↩: Go back one step until exiting the system settings menu.

Up Key ⬅: Move the selection left in the function list.

Page Key 2/3: Turn pages left or right in the function list. In screens without page numbers, this functions as the Power key.

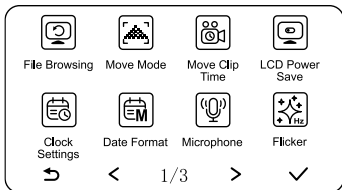
Down Key ➡: Move the selection right in the function list.

Confirm Key ✓: After adjusting parameters, press to save and exit the current item.

*In **date/time settings**, used to confirm and jump to the next item.*

SETTINGS OVERVIEW

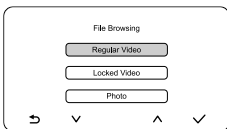
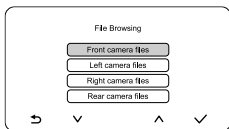
When recording normally, press the **(6) menu key** to enter the settings screen.



Use the ➡ key to move the selected item, the order is from top left to bottom right. When the first row ends, it jumps directly to the first icon of the second row. Use ⬅ key to go back to the previous selected item. Press the third button (2/3) to go directly to the next page.

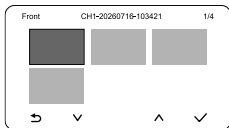
File Browsing

Used for video playback.



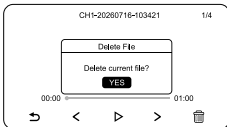
Due to factors such as system architecture, the video playback operations for the four categories here are the same. To avoid dragging out the content, we will use the front camera video as an example for the introduction.

Press the > key to select 'Front camera files', and press the ✓ key to enter. Keep selecting 'Regular Video' and press the ✓ key to enter the video list.



After selecting the video, press the ✓ key to enter the playback interface, and press the ✓ key again to start playing.

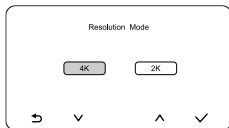
During playback, you can press the || key at any time to pause, and press it again to continue playing. You can also directly press the > key to play the next video segment.



On the playback screen, press the  key to delete the current video. If you do not want to delete it, press the  key to close the dialog box.

Move Mode

Used to set and adjust video recording resolution; currently supports up to 4K (3840×2160).

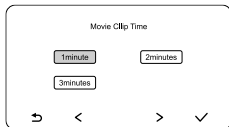


Use the  key to move the selection, press the  key to confirm, and press the  key to go back.

Move Clip Time

This device operates on a looping recording system, where the newest video files automatically overwrite the oldest ones, and this cycle repeats indefinitely.

This setting is used to configure the duration of each video file.

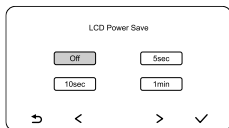


Use the  key to move the selection, press the  key to confirm, and press the  key to go back.

LCD Power Save

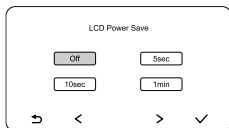
Set the wait time before the screen automatically turns off here. After the screen turns off, press any key to turn it back on.

Use the  key to move the selection, press the  key to confirm, and press the  key to go back.



Clock Settings

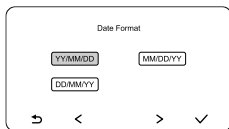
This feature is used to manually set the date and time. The date and time are displayed at the bottom of each video frame.



Use the **>** key to move the selection, press the **✓** key to confirm, and press the **↶** key to go back.

Date Format

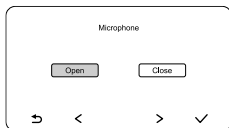
Used to set the display format for the date and time. There are three formats to choose from: "Year-Month-Day," "Year-Month-Day," and "Month-Day-Year."



Use the **>** key to move the selection, press the **✓** key to confirm, and press the **↶** key to go back.

Microphone

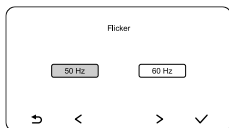
The device has a built-in miniature microphone, which is enabled by default. It is used to record audio simultaneously while recording video.



Use the > key to move the selection, press the ✓ key to confirm, and press the ↶ key to go back.

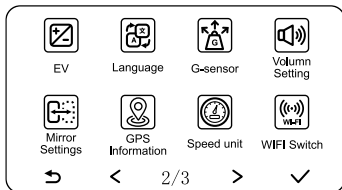
Flicker

Adjust the screen's refresh rate as needed.



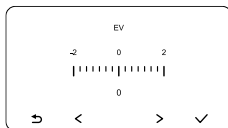
Use the > key to move the selection, press the ✓ key to confirm, and press the ↶ key to go back.

SECOND PAGE OF THE SCREEN



EV

This is exposure compensation, which is used to adjust the exposure of the video. If you think the video is too bright, you can reduce the exposure value here.

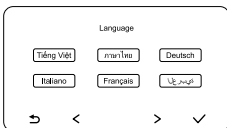


Use the ➤ key to increase or decrease the exposure value, press the ✓ key to confirm, and press the ↶ key to go back.

Language

This device supports multiple languages, including 简体中文(Simplified Chinese), 繁體中文(Traditional Chinese), English(English), Русский(Russian), 한국어(Korean), 日本語(Japanese), Tiếng Việt(Vietnamese), ภาษาไทย(Thai), Deutsch(German), Italiano(Italian), Français(French), and العربية(Arabic).

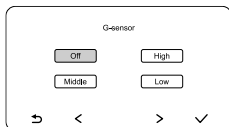
When connected to the device via the **FinalCamX** mobile app, up to 30 languages are supported.



Use the ➤ key to move the selection, press the ✓ key to confirm, and press the ↶ key to go back.

G-sensor

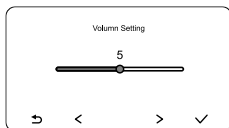
Built-in gravity sensors are used to detect impacts and lock the current video file. High sensitivity can result in a large number of locked videos, which will cause the available space on the memory card to decrease rapidly.



Use the **>** key to move the selection, press the **✓** key to confirm, and press the **↶** key to go back.

Volume Setting

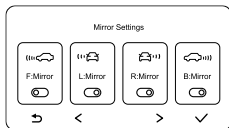
Used to adjust the volume of the external speaker.



< to lower the volume, **>** to raise the volume, press the **✓** key to confirm, and press the **↶** key to go back.

Mirror Setting

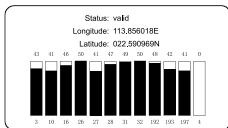
In certain situations, a mirrored image is more practical. This setting is used to configure a mirrored image, and it can be applied to all four cameras.



Use the **>** key to move the selection, press the **✓** key to turn the mirror on or off, then press again to confirm, and press the **↶** key to go back.

GPS Information

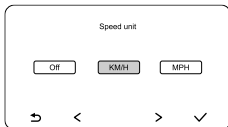
Used to view information such as GPS signal strength; works only outdoors.



Press the  key to go back.

Speed unit

Speed unit selection: Currently supports km/h and mph; you can choose the appropriate unit based on your specific situation.



Use the  key to move the selection, press the  key to confirm, and press the  key to go back.

WiFi Switch

It features a built-in Wi-Fi module. Once enabled, you can use the FinalCamX mobile app to view a live preview, configure the dashcam, and perform other related operations.



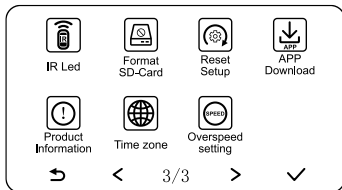
Use the  key to move the selection, press the  key to confirm, and

press the ↶ key to go back.

When Wi-Fi is turned on, this screen displays the Wi-Fi name and connection password.

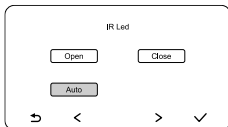


SECOND PAGE OF THE SCREEN



IR Led

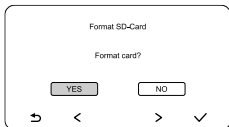
The left and right cameras are equipped with infrared capabilities and feature corresponding LED lights.



Use the > key to move the selection, press the ✓ key to confirm, and press the ↶ key to go back.

Format SD-Card

When inserting a memory card for the first time, you'll need to format it to meet the system's requirements. Since memory cards are constantly writing and erasing data, a large number of unnecessary junk files can accumulate over time. We recommend formatting the card once or twice a month to ensure optimal performance.

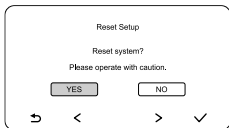


Use the > key to move the selection, press the ✓ key to confirm, and press the ↶ key to go back.

WARNING: Formatting the memory card will erase all data. Be sure to back up any important data before proceeding.

Reset Setup

Restore Default Settings: Restore all default settings with a single click. Use this to resolve issues with disorganized system settings.



Use the > key to move the selection, press the ✓ key to confirm, and press the ↶ key to go back.

APP Download

If you've lost the user manual and can't remember the name of the app, you can scan the QR code here to download FinalCamX. It's available for both Android and iOS; scanning the code will automatically redirect you to the download page on Google Play or the App Store.



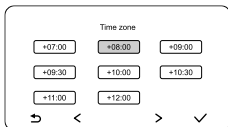
Press the  key to go back.

Product Information

The version number of the current system firmware is displayed here. If you need after-sales service, please provide this version number to the after-sales department.

Time zone

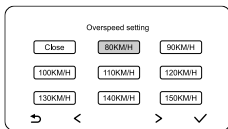
Set the time zone for the system here. The date and time vary depending on the time zone. Please adjust this setting according to your actual needs.



Use the  key to move the selection, press the  key to confirm, and press the  key to go back.

Overspeed Setting

Used to set speed limit alerts; when the vehicle's speed exceeds a specified value, the device will issue a speeding alert.

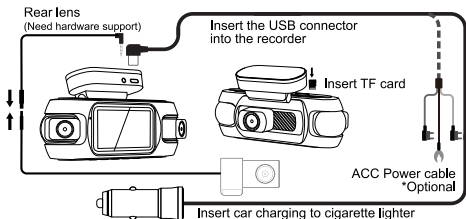


Use the ➤ key to move the selection, press the ✓ key to confirm, and press the ↶ key to go back.

ABOUT THE DEVICE'S WI-FI

The device is equipped with a built-in 5.8 GHz high-performance WLAN module, with 2.4 GHz as an option. You can navigate to the Wi-Fi switch via the menu and buttons, then enter the Wi-Fi settings to make your selection.

WIRING DIAGRAM



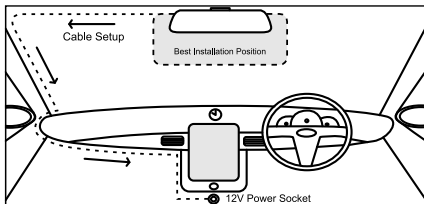
The product is subject to the actual shipment.

INSTALLING AS A CAR CAMERA

- It is the best to mount the dash camera in the upper edge of the car's front windshield, beneath the rear-view mirror or next to it.
- Clean the mounting area carefully and ensure the windshield is not damp.
- Ensure there is unobstructed view to the camera and that the vision of the driver is not blocked.
- Ensure that the selected mounting area is suitable for the length of the USB charging cable

- Remove the protective film of the fastening tape of the camera holder and fasten the holder by pressing it firmly on the windshield
- Insert an empty microSD card in the dedicated slot.
- Connect the camera carefully to camera holder and connect the USB charging cable. The USB charging cable is long enough so that in most passenger cars it can be mounted along the edge of the windshield to the charging socket.
- The camera switches on automatically when the power is turned on.

INSTALL POSITION



MEMORY CARD RELATED TIPS

1. This device does not support the operation of hot plugging and hot unplugging of memory cards. Pulling out the memory card during normal recording will cause the device to shut down.
2. Due to system limitations, the minimum supported TF card is of C10 high-speed type. Otherwise, the device may not work, and even lose WiFi signal.

APP CONNECTION

• Download FinalCamX mobile app

Download "FinalCamX" app for Android or iOS from Google play or Apple store. or scan the following QR code to install:



- **Start the car engine, the camera LED light on**

While video is working, press and hold the button  to turn on WiFi, the blue LED flashing; it will automatically turn off if not connected within 5 minutes.

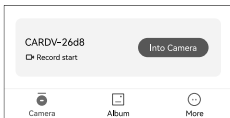
- **WiFi hotspot NAME and PASSWORD**

WiFi hotspot NAME: CAR_DVR_*****

Connection PASSWORD: 1234567890

Step1: Go to the WiFi list via **Settings - WLAN / Wi-Fi** on your phone.

Step2: Connect to the hotspot starting with '**CAR_DVR**' and enter the connection password.

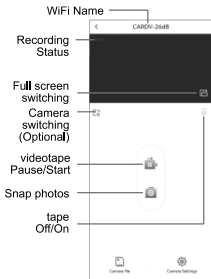


Step3: If there is a message '*The network cannot be connected to the Internet*', please make sure to continue using it.

Step4: Open **FinalCamX**, tap '**Into camera**' at the bottom of the main interface of the app to enter the main interface of the car camera.

- **Introduction to the main interface of the FinalCamX**

1. In the configuration of front and rear dual lenses, the lens switch icon will be displayed.
2. When recording is turned off, the video is muted. The recording icon will turn light gray.
3. When the recording is paused, the recording status will display red "Video Paused", and the icon button will be displayed.
4. The captured photos will be automatically stored in the "Capture Event" of the "Recorder"



VIDEO/PHOTO PLAYBACK

Playback on APP:

Open the mobile APP to find videos and photos

COMPUTER:

The recordings can also be viewed in the computer. For this you need a separate memory card reader for microSD card. The recordings are in a separate file on the card and they can be freely used and downloaded in to the computer. No separate program is needed for downloading or viewing.

GPS FEATURES (OPTIONAL)

***Note:** GPS functionality is only available on models equipped with the Built-in GPS Module. Please consult the seller of this equipment for details.*

1. How It Works

- **Built-in Antenna:** No external installation is required. The antenna is integrated inside the camera body.
- **Signal Requirement:** GPS signals require a clear view of the sky.
 - **Outdoors:** The signal will stabilize automatically when driving outdoors (usually takes 1-3 minutes).
 - **Indoors/Underground:** GPS will not lock in garages or tunnels. This is normal behavior.

2. Viewing GPS Data

- **Real-Time Status:** Connect to the camera via WiFi and open FinalCamX. GPS-related images will be displayed at the bottom of the live preview screen. Go to Settings to view GPS signal strength and satellite count.
- **Playback & Trajectory:**
 1. Download recorded videos to your phone via the FinalCamX app.
 2. Play the video within the FinalCamX app player.
 3. The interface will display the driving trajectory map, real-time speed, and location coordinates.

***Important:** These GPS overlays are only visible in the FinalCamX app. Standard video players on PCs or phones will not show the map/speed data.*

FinalCamX allows dashcams to use the phone's GPS to integrate driving data into video files. Simply connect to the dashcam WiFi, enable "GPS Assistant" in FinalCamX, and keep recording while driving.

COMMON TROUBLESHOOTING (FAQ)

Issue	Possible Cause	Solution
WiFi Cannot Connect	1. Wrong Password 2. Phone switched to mobile data 3. Interference	1. Verify password is 1234567890 (case-sensitive). 2. When phone prompts "No Internet," choose "Keep Connected". 3. Move closer to the camera. 4. Reset camera (Hold power >15s).
Video Cannot Download	1. Unstable WiFi connection 2. SD Card error 3. App permission denied	1. Ensure Red LED is flashing (connected) before downloading. 2. Check if SD card is full or damaged (try formatting). 3. Grant "Storage/Photos" permission to FinalCamX in phone settings. 4. Try downloading smaller clips first.
Camera Won't Turn On	1. Power cable lose 2. SD Card conflict 3. Car charger faulty	1. Re-plug the USB cable firmly. 2. Remove the SD card and try powering on (some bad cards prevent boot). 3. Contact after-sales to replace the power cord, which may require a fee.
Recording Stops/Loops Erratically	Low Speed SD Card	Ensure you are using a Class 10 (C10) or U3 high-speed card. Lower classes cannot sustain HD video writing.
No Sound in Video	Microphone Disabled	Open FinalCamX and connect to the dashcam WiFi, then tap the microphone symbol in the lower right corner of the live preview screen to switch between them.

Time/Date Incorrect	1. Not connected to the phone for a long time 2. Internal battery depleted	1. Use FinalCamX to connect to dashcam WiFi to sync time. 2. Leave the camera powered on (connected to car) for 10+ minutes to charge the internal supercapacitor, then sync time via the App.
GPS No Signal (Optional Models)	Indoor usage or obstruction	Drive the vehicle outdoors to an open area. Wait 1-3 minutes for satellite acquisition. GPS does not work indoors.

FCC Warning:

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.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

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.

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 and your body.