Manuals+

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REDTIGER F77 Dual IMX678 Dash Cam

Notice

• Please read this manual carefully before operation and keep it for future reference. It will be helpful should you encounter any operational problems.

• Non-original parts or improper installation will void the manufacturer's warranty. The installation instructions do not apply to all types of vehicles and are written as guidelines to assist in installing the system.

• Consult with an experienced technician if you are not comfortable installing the device on your own.

• Please make sure to read and understand local laws and regulations regarding cameras and their use in a vehicle. Laws may vary by state.

• Do not obscure the view of the road ahead or obstruct the deployment of any airbags in the event of an accident.

• When not in use, please disconnect the car adapter from both the 12/24V DC outlet in your vehicle and the device itself.

• Only clean the device with a soft dry cloth, for tough dirt, apply some neutral detergent diluted in 5 to 6 parts water on a soft cloth.

• Note that alcohol, thinner, benzene, etc. could cause damage to the paint or coatings on the device.

• Avoid making contact with the lens as this may cause damage.

• The video recordings made by this device are intended for personal use only.

• While driving, do not adjust the controls of your device, as it may draw your attention from your surroundings.

Product Specifications

| Item Name	F77 Dash Cam	Video Format	MP4
Screen Size	4″ IPS Screen	Photo Format	JPG
Recording Resolution	Front 4K@30fps+Rear 4K@30fps Front 2.5K@60fps+Rear 4K@30fps Front 2.5K@30fps+Rear 4K@30fps Front 4K@30fps / Front 2.5K@60fps / Front 2.5K@30fps		
Input	DC 5V-2.5A	Lens	Front cam F1.8 Rear cam F1.8
Operating Temperature	-4°F~158°F		
eMMC Storage	128GB	Warranty Period	18 months

Note:

If you have any problems during use, we will provide free device replacement within 18 months of purchase, in addition to lifetime technical support.

Extended Warranty Service:
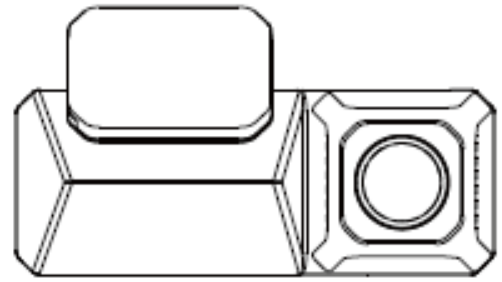
You may also receive an additional 6 months of extended warranty service by registering your device on our website.
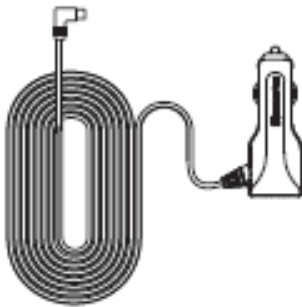
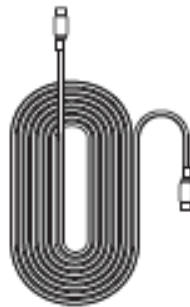URL: https://www.redtigercam.com/pages/warranty-form
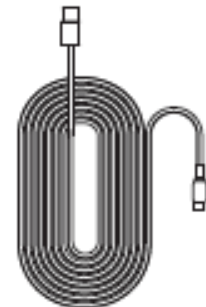
Package Contents
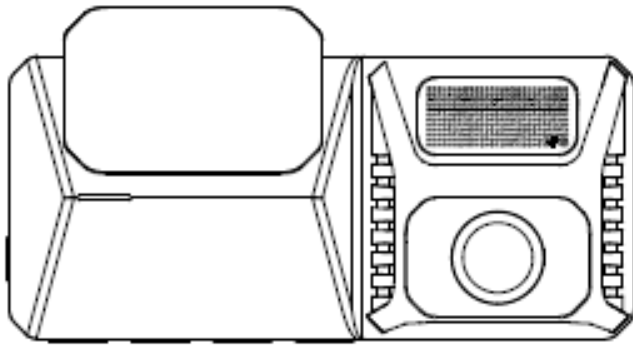
- F77 4K Dash Cam

- 4K Rear Camera

- Power Supply Cable with Car Charger

- Rear Cam Cable

- USB Type-C Data Cable
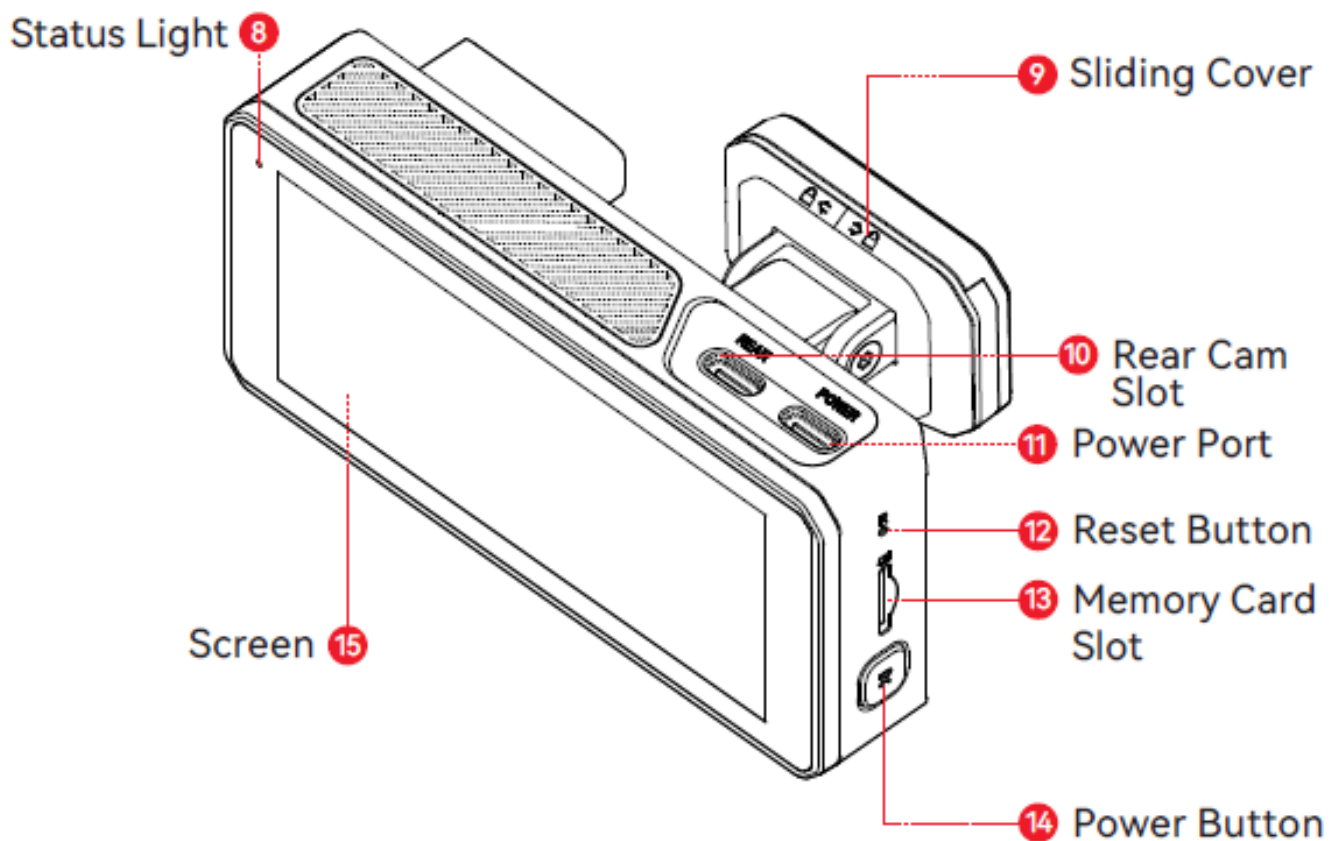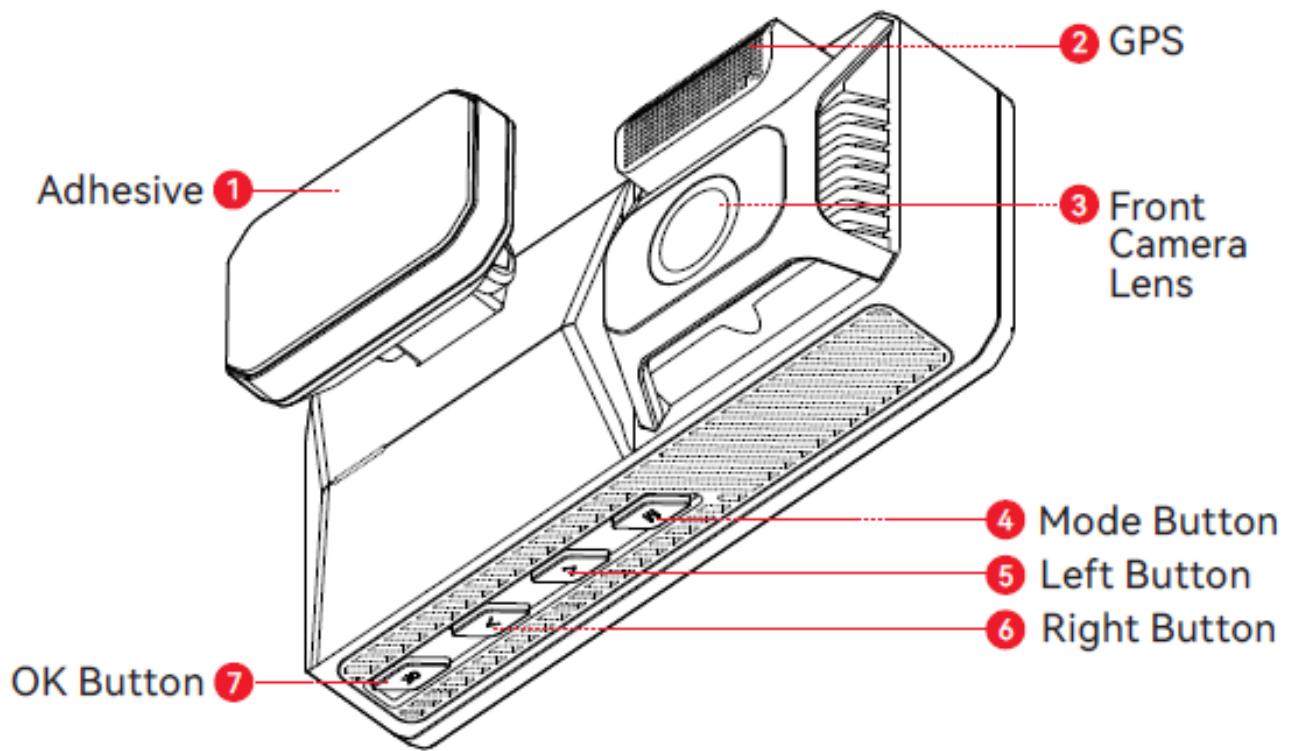
- Adhesive

- Electrostatic Sticker

- Cable Clips*5

- User Manual

- Tool

Appearance

Adhesive 1

2 GPS

3 Front Camera Lens

4 Mode Button

5 Left Button

6 Right Button

OK Button 7

Status Light 8

9 Sliding Cover

10 Rear Cam Slot

11 Power Port

12 Reset Button

13 Memory Card Slot

Screen 15

14 Power Button

Buttons and Functions

Power Button

- **Recording Mode:**

Short press-to Switch screen

Long press-to Turn off the Camera

- **Setup Mode:**

Short press-to Turn on/off screen

- **Playback Mode:**

Short press-to Delete/Lock/Unlock the specific file

Menu Button

- **Recording Mode:**

Short press to Enter main menu

- **Setup Mode:**

Short press-to Return to the previous screen

- **Playback Mode:**

Short press-to Return to the previous screen

Left Button

- **Recording Mode:**

Short press-to Lock/Unlock the recording file

Long press-to Turn on/off Wi-Fi

- **Setup Mode:**

Short press-to Select the previous function

- **Playback Mode:**

Short press-to Select the previous file

Short press-to Fast rewind while vidio is being played

Power Button

Menu Button

Left Button

Right Button

- **Recording Mode:**

  Short press-to Turn on/off audio recording
- **Setup Mode:**

  Short press-to Select the next function
- **Playback Mode:**

  Short press-to Select the next file

  Short press-to Fast forward while video is being played

OK Button

- **Recording Mode:**

  Short press-to Take a snapshot
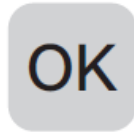
  Long press-to Turn on/off video
- **Setup Mode:**

  Short press-to Enter/Confirm specific settings
- **Playback Mode:**

  Short press-to Play the specific file

Right Button

OK Button

Touch Screen Function

Video Mode
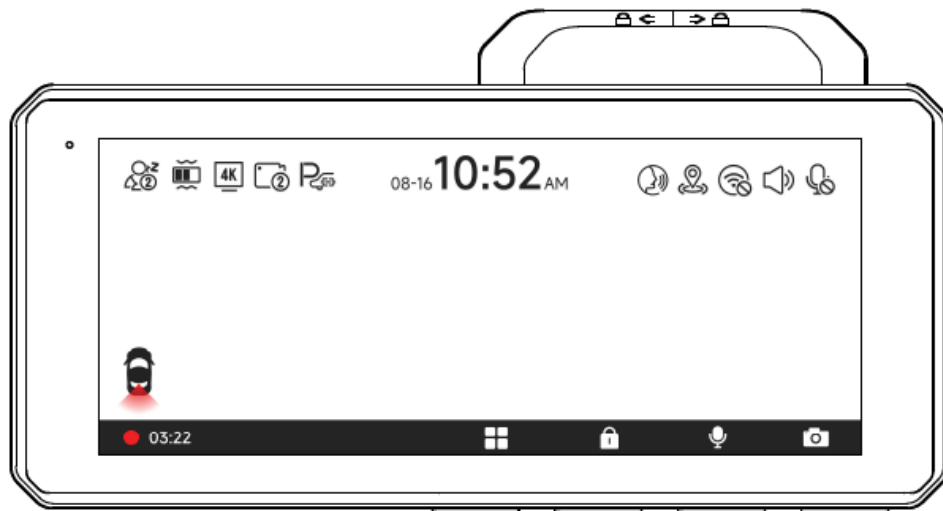
You can manually click the icon at the top of the screen to choose whether to record audio during video recording.

You can manually click the icon at the top of the screen to choose whether to turn on Wi-Fi.

You can manually click the icon at the top of the screen to choose whether to turn on the key sound.

You can manually click the icon at the top of the screen to choose whether to turn on the Voice control.

Playback Mode
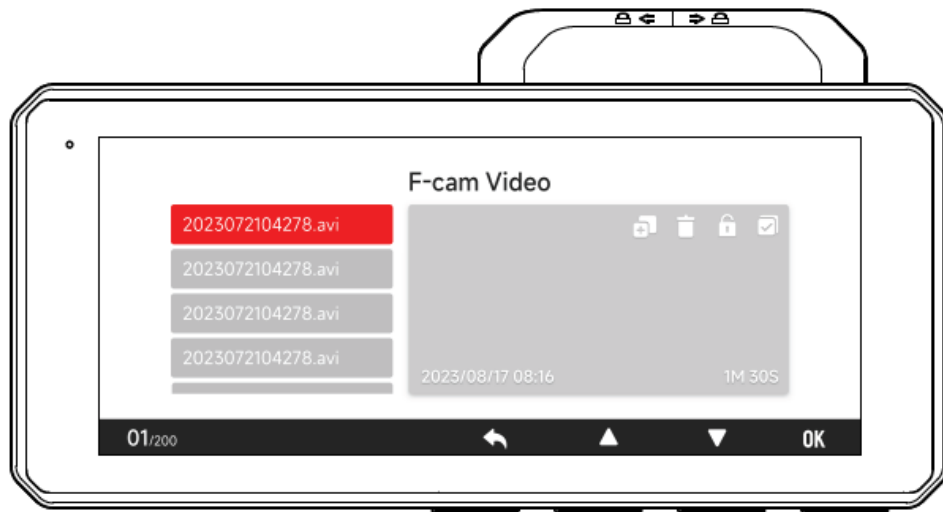
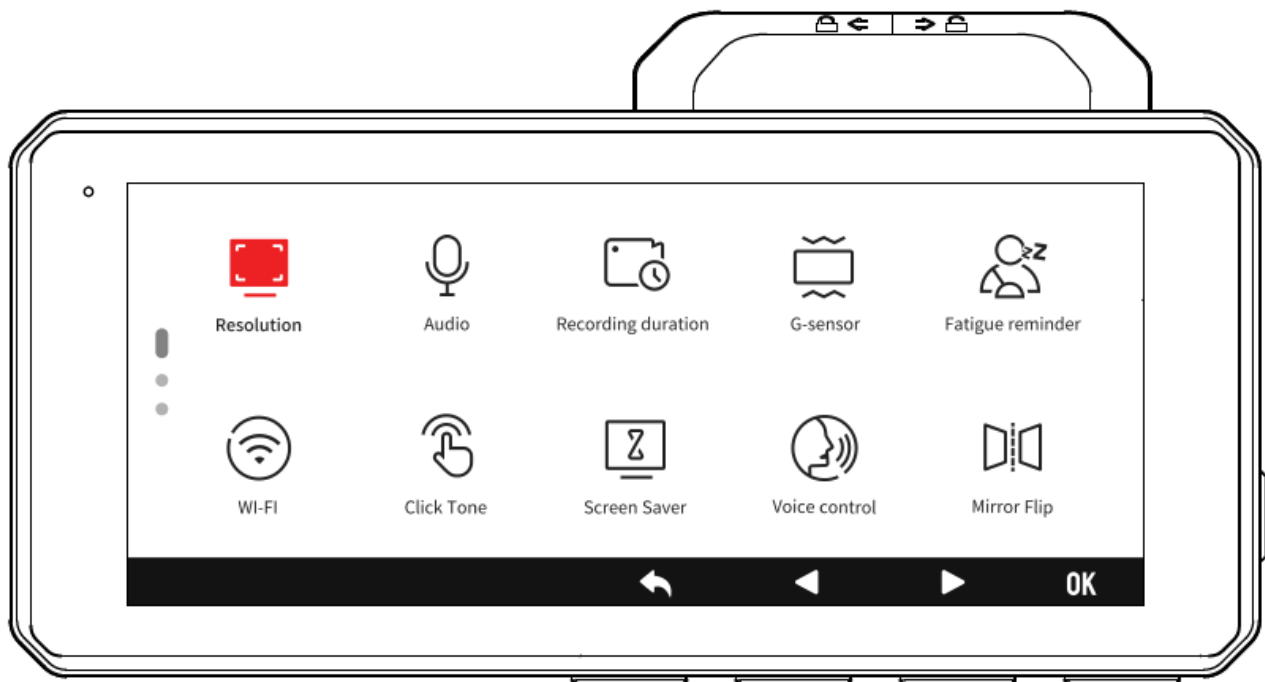Swipe up and down on the playback interface to turn pages.

You can manually click the icon to choose whether to copy the contents of the eMMC to the memory card.

You can manually click the icon to choose whether to delete files.

You can manually click the icon to choose whether to lock files.

You can manually click the icon to choose whether to select multiple files.

Setting Mode

Swipe up and down on the setting interface to turn pages.

You can manually click the icon to enter the selected function interface.

Voice Control Function

Fast control through simple voice commands

If the icon is white 🗣, it means the function can be used normally.

You have two ways to enable this feature.

1. Tap on the icon to turn the feature on or off.
2. Enter the setting mode-vioce control-on/off.

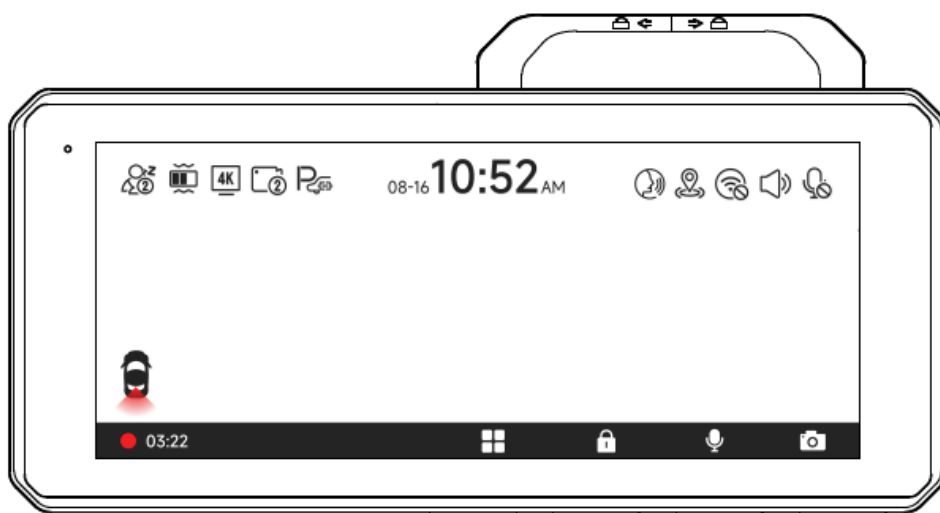| lock the video	
take picture	
turn on audio	turn off audio
turn on screen	turn off screen
turn on wifi	turn off wifi
turn on recording	turn off recording

show front camera	show rear camera
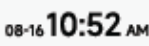
Note: You can see the specific commands in setting-vioce control.

User Interface Overview

Recording Mode

| Icon	Description
	Fatigue driving function is on
	G–Sensor sensitivity
4K	Front camera resolution
	Loop recording in 1 min/3 mins/5 mins per file
	Whether to connect the hardwired kit and set up parking monitoring
	Voice control

Icon	Description
⚲	GPS status
📶	Wi-Fi status
🔊	Camera system sound status
🎙	Voice recording statusd
🚗	Which camera is being displayed
● 03:22	Recording status and recording time
● 03:22	Emergency recording is on
08-16 10:52 AM	Date and time of the camera
▦	Settings
🔒	Emergency recording
🎤	Turn on or off recording
📷	Photograph

Playback Mode

1. Press the M button to enter Playback mode.
2. Press the Left or Right button to select the folder you want to play, then press the OK button to enter.
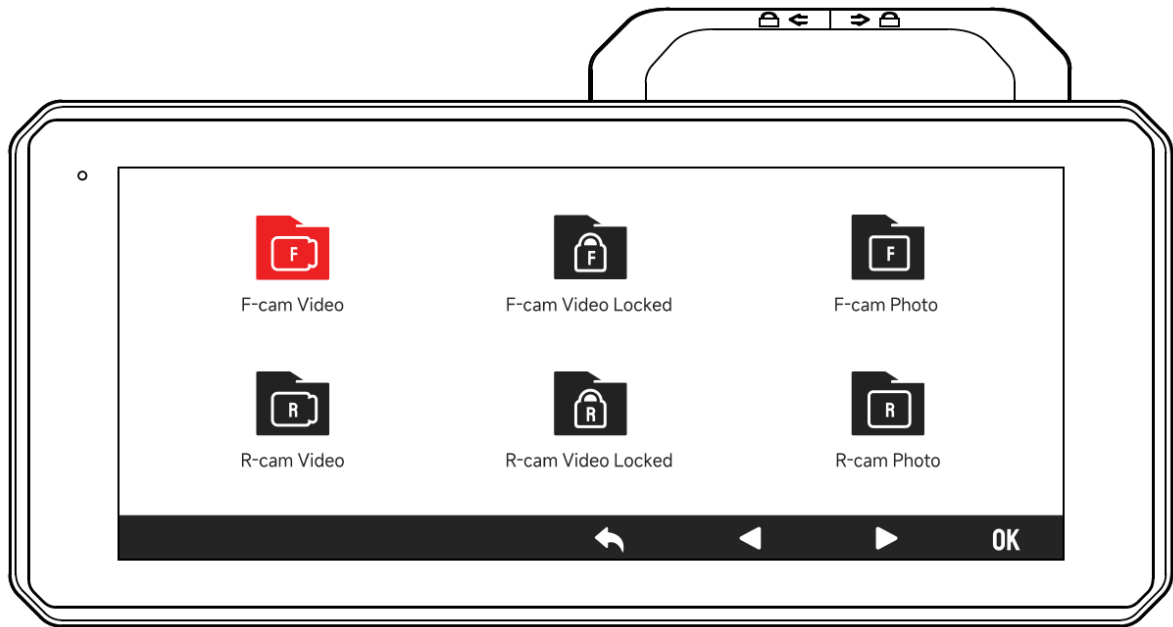
3. Press the OK button to watch the recorded video.

4. Short press the power button to edit your recorded videos.
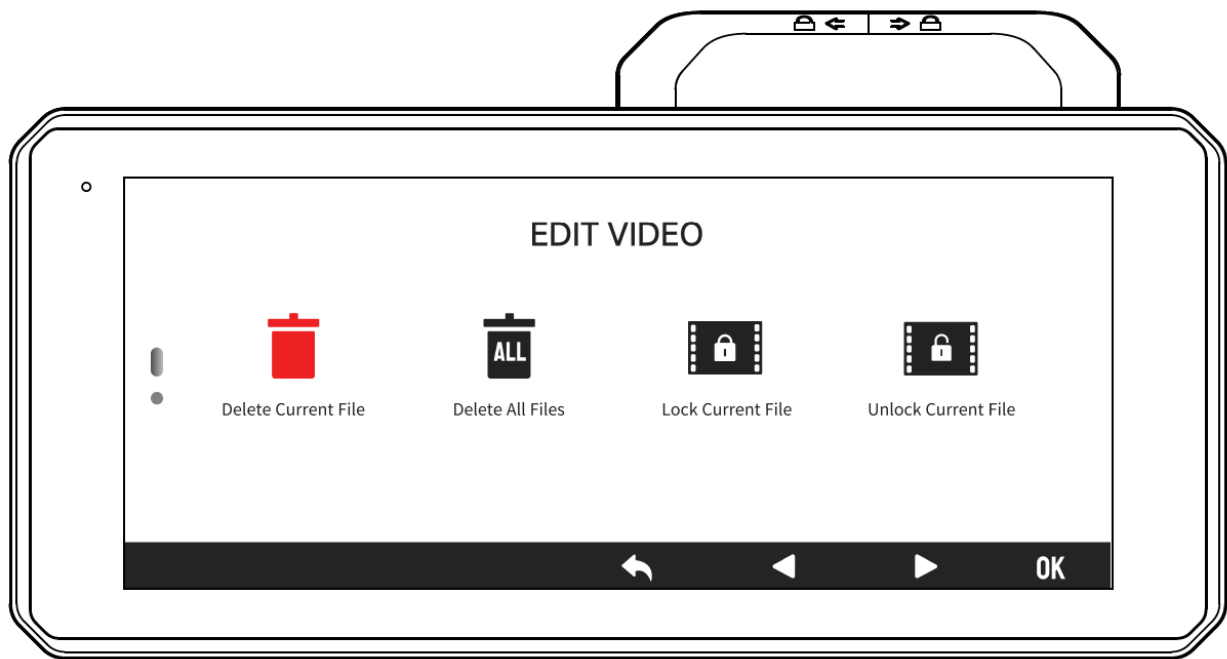
Function Overview

Short press M button to enter settings menu, where you can adjust various functions and parameters of the entire machine.

Icon	Function	Option/Description
	Resolution	Front 4K@30fps+Rear 4K@30fps / Front 2.5K@60fps+Rear 4K@30fps/ Front 2.5K@30fps+Rear 4K@30fps/ Front 4K@30fps/Front 2.5K@60fps/ Front 2.5K@30fps
	Audio	ON/OFF
	Recording Duration	1/3/5mins
	G-sensor	Off/Low/Medium/High
	Fatigue Reminder	A Reminder Will be Made During 1h/2h/3h/OFF
	Wi-Fi	OFF/2.4GHz/5.8GHz
	Click Tone	ON/OFF
	Screen Saver	OFF/10s/30s/2mins, Screen goes off after the set time
	Voice Control	ON/OFF/Voice Command
	Mirror Flip	Horizontal Flip Your Rear View *Need to connect rear camera

Icon	Function	Option/Description
	Rear Cam Flip	Vertical Flip Your Rear View *Need to connect rear camera
	Parking Monitor	Please connect the ACC hardwire kit
	GPS	Display GPS signal strength
	TimeWatermark	ON/OFF
	Speed Stamp	ON/OFF
	GPS Stamp	ON/OFF
	Speed Units	KM/H / MPH
	Language	Choose Your Preferred Language
	Clock Settings	Update With GPS
	Time Format	12h/24h
	Time Zone	Choose Your Time Zone
	DST	Daylight Saving Time ON/OFF

Icon	Function	Option/Description
	Flicker	60Hz/50Hz
	Format Reminder	Reminder to Clear Data
	Format	Format eMMC or memory card.All data will be deleted
	Card Speed	Card Speed Detection
	Default Setting	Reset All Settings
	APP	A QR Code for redtiger app
	Version	Software Version
	Help Center	Scan the QR code to contact us

Note

- In order to a Clean, Smooth, Comfortable using experience, we suggest you format your eMMC storage once a month.
- When you turn off Click Tone, the startup and shutdown sounds will also be turned off.

App and Wi-Fi Function

How to connect Wi-Fi?

1. Download the app
   You can download the app from:
   - Official Website: https://www.redtigercam.com/pages/app
   - QR Code located on your dash cam (may be located on the right side)
   - Search "Redtiger" in the Apple App
     Store or Google Play Store

2. Turn on the Wi-Fi on the dash cam, the Wi-Fi and SSID and password will appear on the display.

3. Open Redtiger App> jump to the Wi-Fi connection interface according to the steps> find the Wi-Fi of the dash cam> enter the password to connect.
   (The default password is 12345678)

4. After successfully connecting to Wi-Fi, return to the App to use it.

View/Download/Delete/Share Video

1. Click the icon on the main interface to view video and image files.

2. Long press the video file to select it, then choose whether you would like to download or delete it.

3. Return to the App home page and select the Album> Open and watch/share it.

App Home
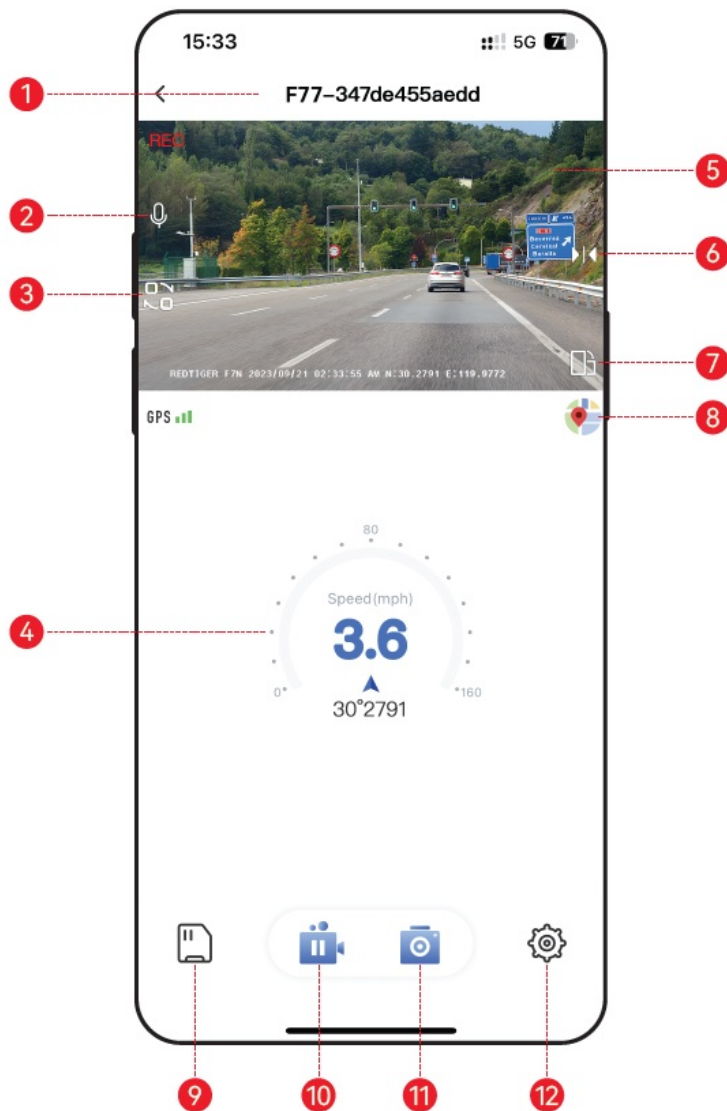
1 Native Wi-Fi Name	2	Turn on/off recorded sound
3 Switch recording screen	4	GPS information
5 Video play window	6	Mirror Flip
7 Rotate the video screen left and right	8	Map
9 Dash cam file	10	Pause/start recording
11 Take pictures	12	Dash cam settings

Over-The-Air Updates

Note: Please update the Redtiger App to the latest version to use this function.

1. To perform an over-the-air update, disconnect your phone from the dash cam's Wi-Fi

network. Connect your phone to LAN (not the dash cam's Wi-Fi) for 5 seconds, then disconnect. Reconnect to the dash cam's Wi-Fi network.

2. Once Wi-Fi connection is successful, open the Redtiger App to start using it. If new software is detected, the App page will indicate the availability of an update.

3. To perform the update, click on "Upgrade Now". The Redtiger app will prompt you to download the update package.

4. Connect the dash cam to send the update package. Do not power off the dash cam during the upgrade process. Once the upgrade is completed, the app will display the upgrade success message, and the dash cam will automatically restart.

How to Play Video on Computer

We recommend using REDTIGER Player as the correct video player to watch/play videos. It can also view Google Maps.

You can Download it for free on Mac or Windows from the following link:

https://www.redtigercam.com/pages/gps-player

You can choose different playback modes in Settings > Video Playback Mode. You can set playback speed, language, map, and various other functions.

TIPS:

Data can be output from the main unit to a personal computer using a USB cable. Alternatively, you can insert an memory card into the dash cam and copy data from the eMMC, transfer data by using a card reader.

USB

SD Mass Storage

EMMC Mass Storage
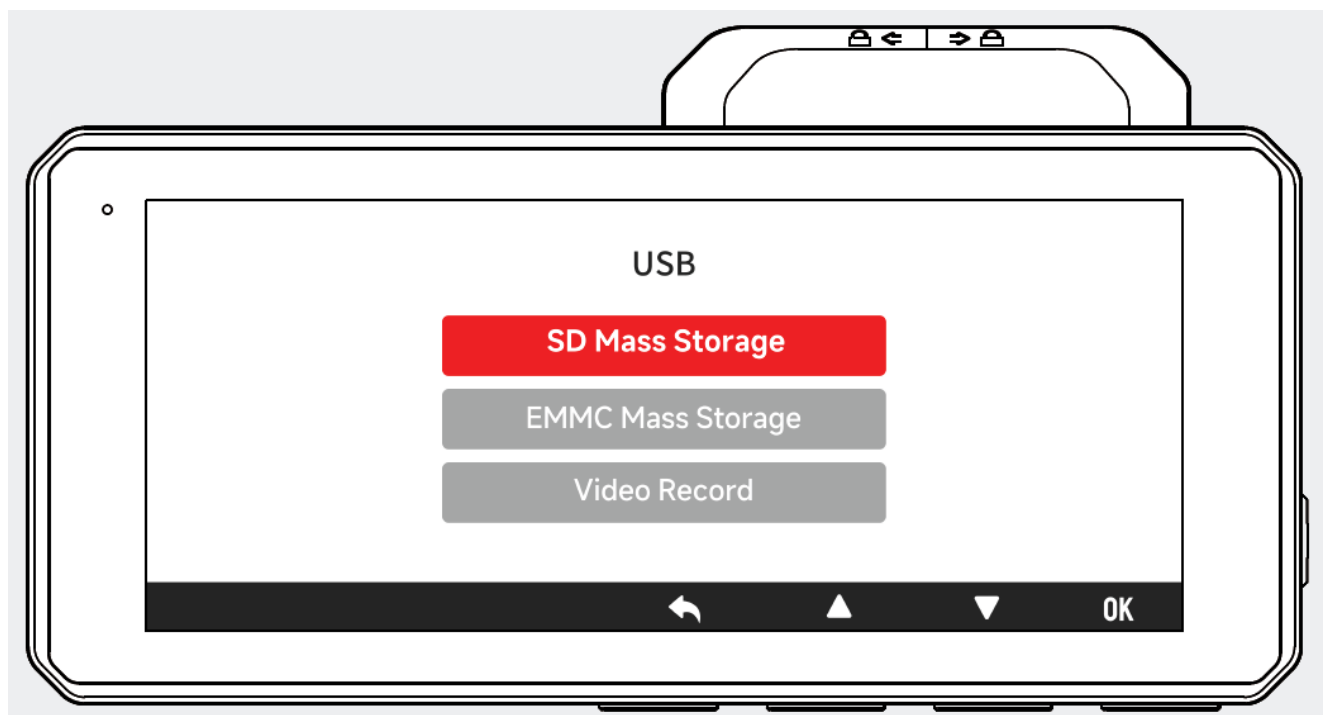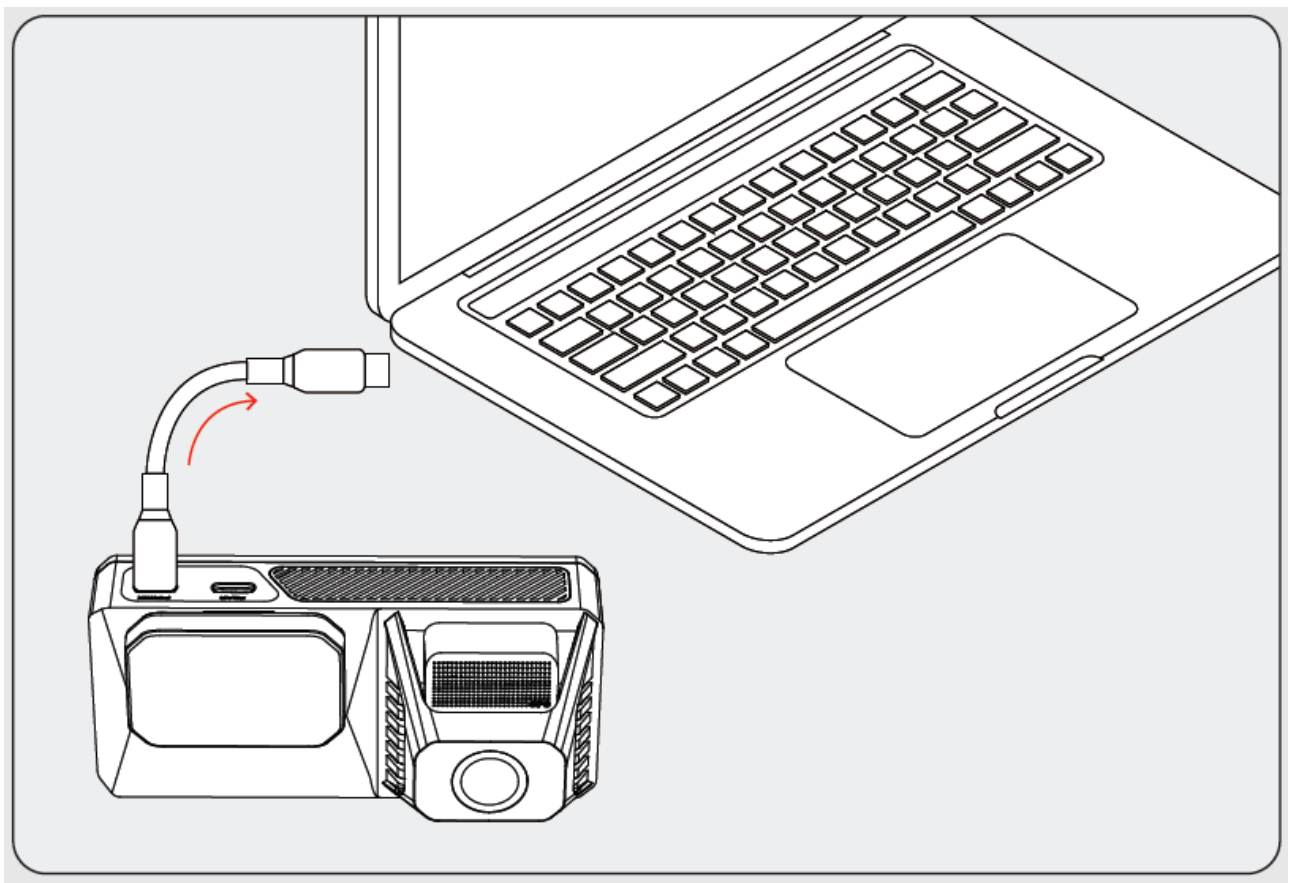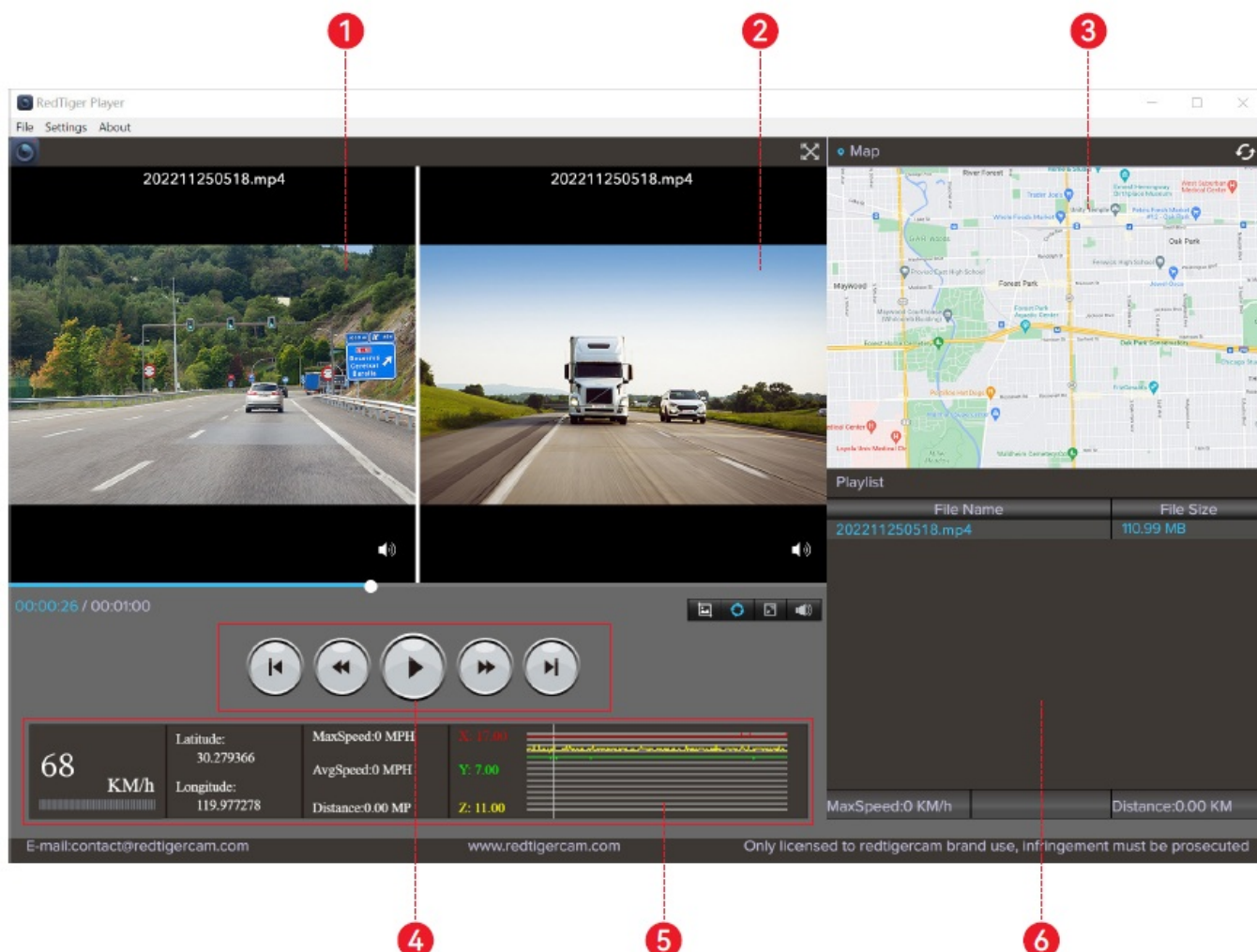
Video Record

1. Video play window (Front)
2. Video play window (Rear)
3. Map and track display
4. Play control panel
5. Speed and driving state indication
6. Play list

Note:

If the video files of front and rear road tracks are recorded synchronously and loaded into the playing list at the same time, they can be played separately in split left and right screens.

When you find the desired video file, hold down the left mouse button and drag the desired files to the video play window to play it.

Installation

WARNING

Please make sure to connect all cameras and wires before powering on the camera screen, otherwise the camera will not work properly. Please follow the instructions below for the first-time installation of the Redtiger dash cam.

Scan the QR code on the right to view the installation tutorial video.

eMMC Storage

The dash cam comes with built-in 128GB eMMC (Embedded Multi Media Card) storage, eliminating the need for additional purchase and installation of an memory card, allowing for immediate recording upon startup.

Insert Memory Card (Optional Operation)

F77 also support using memory cards to copy the videos you need. You can do this in the playback folder by clicking "Copy Current" or "Copy Selected."

Tips: Video is not saved directly to the memory card. Insert the memory card into the dash cam, ensuring that it is oriented correctly so that the gold contacts are facing towards the screen of the dash cam. Push the memory card until it clicks into the slot.
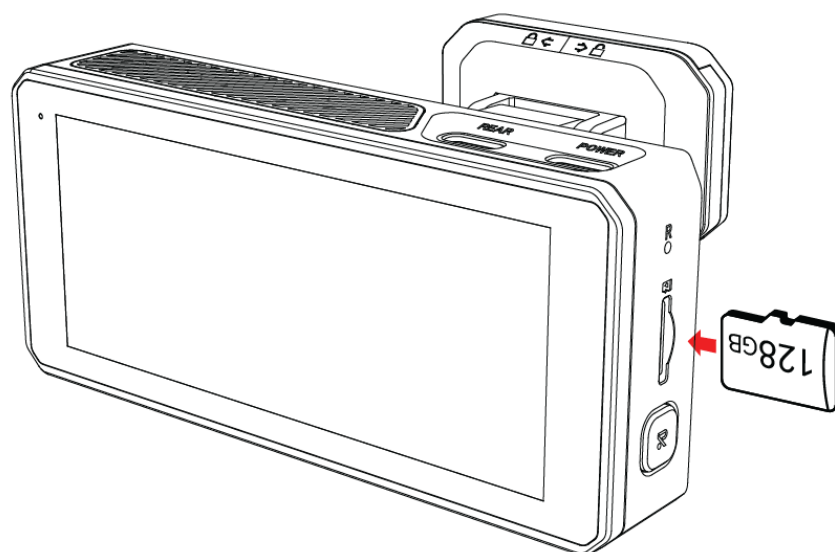
Front camera installation

Peel off the electrostatic sticker on the cellophane and transfer it to where you want to stick it. Attach the front camera to the electrostatic sticker and press to make it firmer.
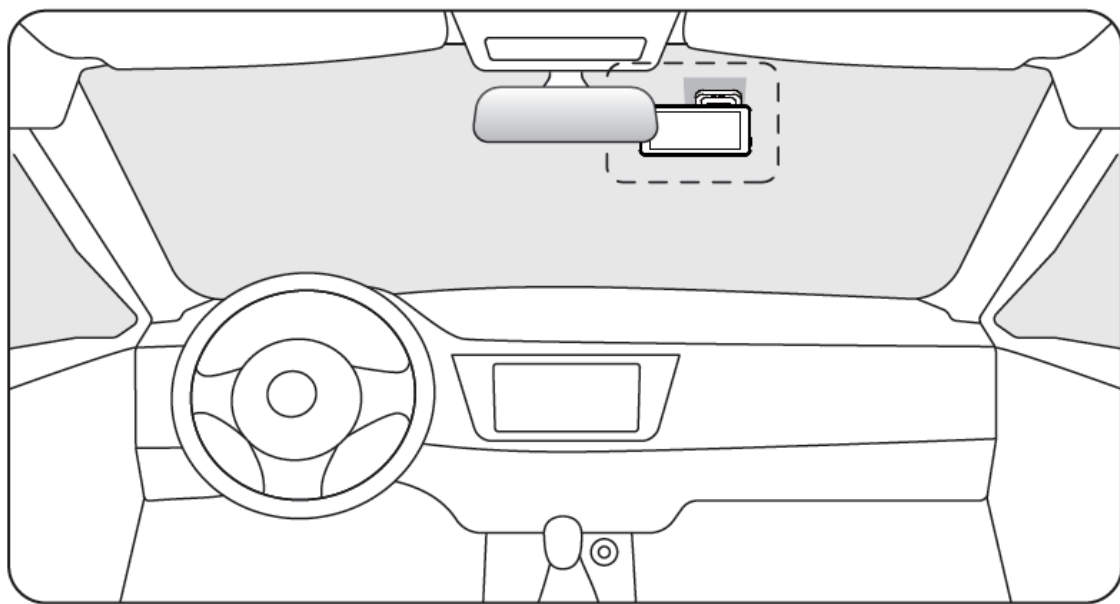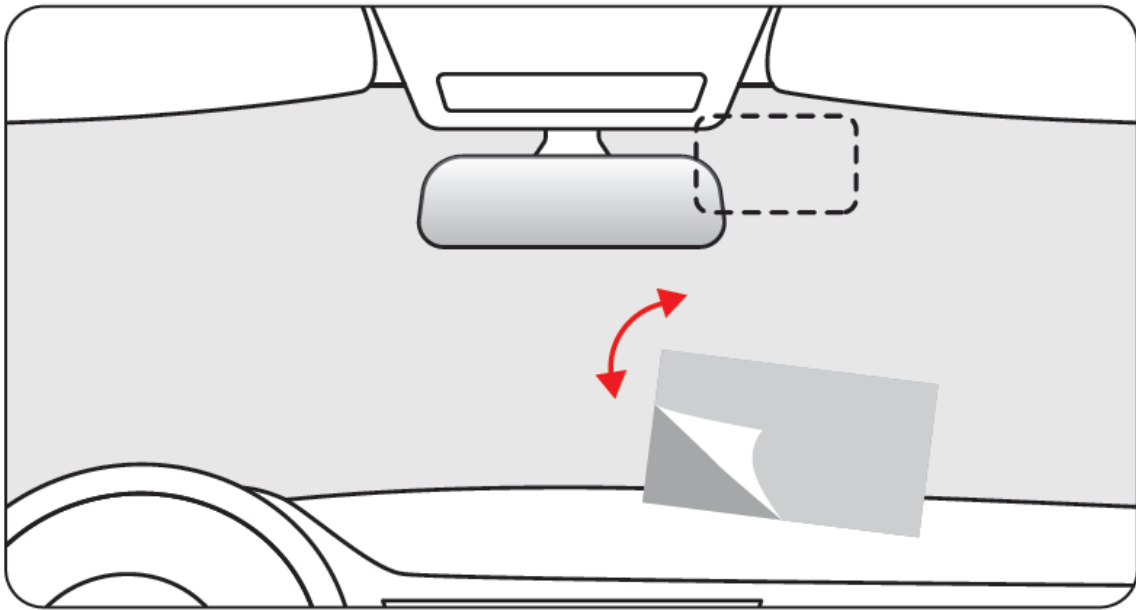
Wire Layout In The Vehicle

1. The car charger is connected to the cigar socket.
2. Connect the other end of the car charger to the dash cam.
3. Use the crowbar to run the power cable along the front windshield and the roof, and hide the cable down the A-pillar, so as not to block the driver's sight and cause danger.
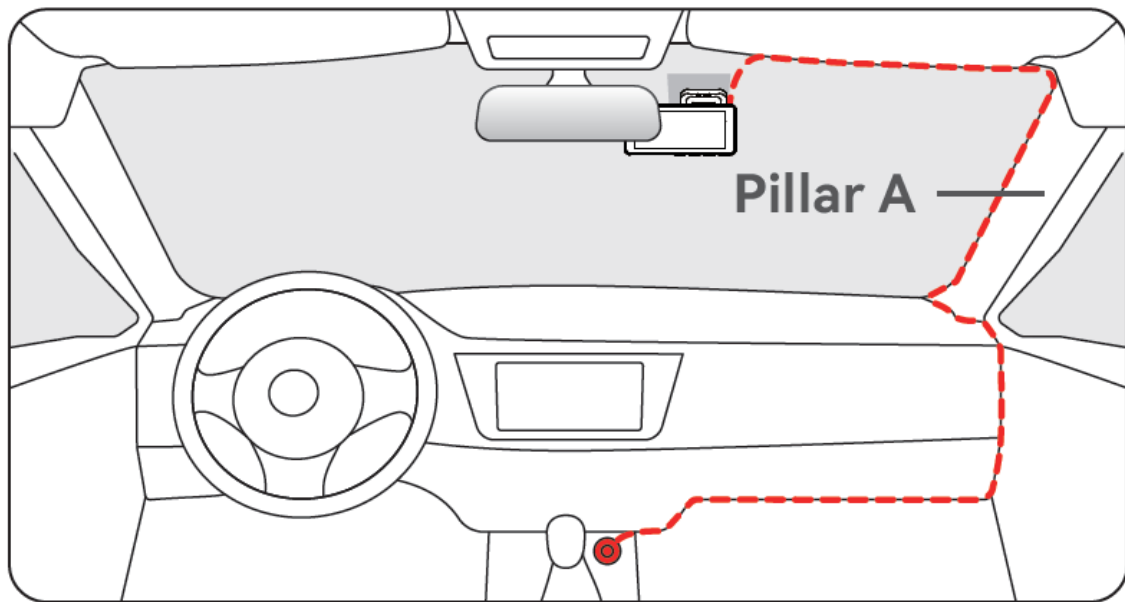
4. Connect the interface of the rear cable with the interface of the rear cam cable.

5. Hide the rear cam cable along the gaps between the front windshield and the ceiling, between the car body and the ceiling on the side of the passenger seat, and between the rear seats and the ceiling.

Rear camera installation

Peel off the electrostatic sticker on the rear camera and transfer it to where you want to stick it. Attach the camera to the electrostatic sticker and press to make it firmer.
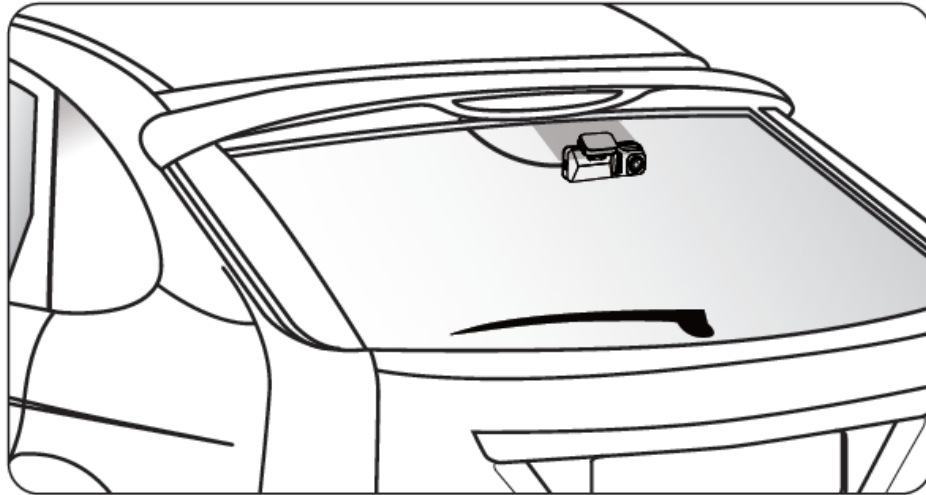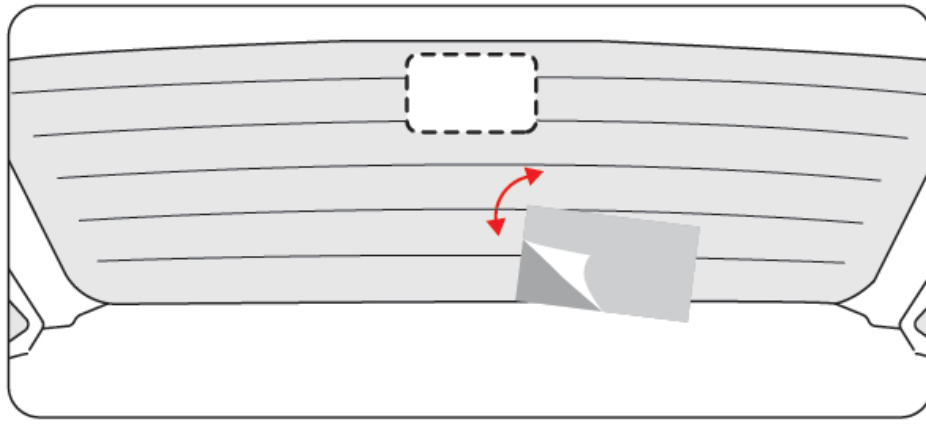
Troubleshooting

Why is the machine running normally but there are no files in the memory card?

The eMMC (Embedded Multi Media Card) is built into the dash cam for storage. The memory card does not automatically save files, but you can manually copy files to the memory card.
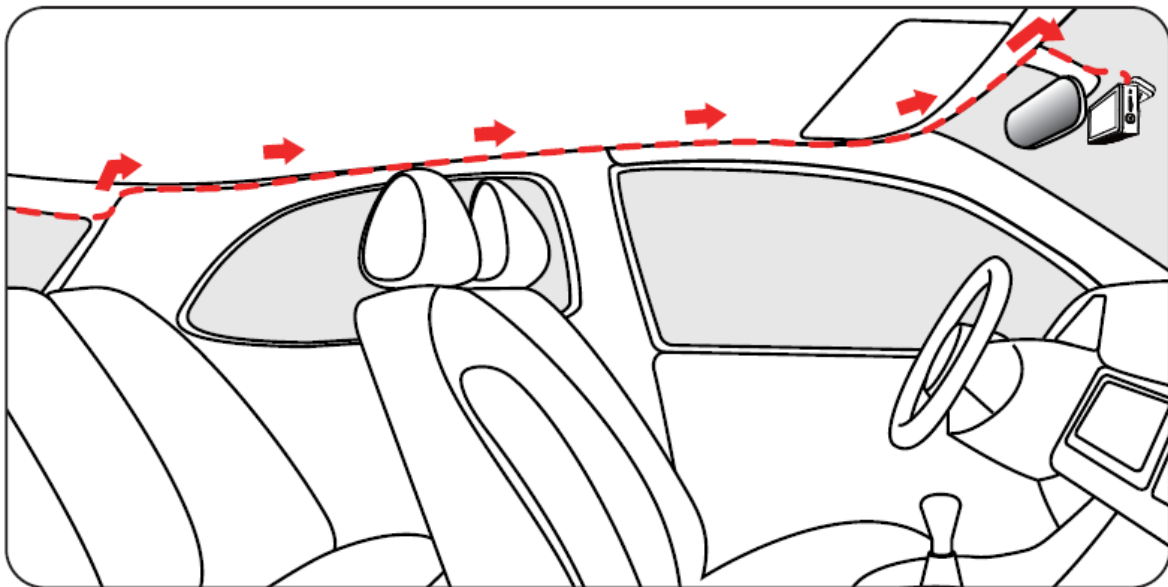
Why is there no GPS signal?

1. Disconnect and clean the cable and port of any dust that may have accumulated around the dash cam. Check for any interference in your car, like metal film on the windshield, a radio antenna, or radar detector.
2. Move your car to an open area. Observe if the GPS icon on the screen turns green and displays GPS information.
3. Once the GPS locks on to a signal, a satellite icon will appear at the bottom left of the screen. Green indicates positioning, while white indicates no positioning.

How to turn off the on/off music of dash cam?

Please go to Settings > Click Tone > Off.

When the click tone is turned off, the power on and off music will also be turned off.

Why does my dash cam prompt "Card Error" or "Please Format Memory Card" occasionally?

Please follow the steps below to check:

1. Please go to Settings > Format Reminder to check whether the regular format reminder is enabled.
2. Format the Memory Card.
3. Restore factory settings and restart the dash cam.
4. Update the firmware.

Device restarts repeatedly/no boot?

1. Ensure you're using the included charger/cables.
2. Remove the memory card, camera cable, and car charger and reinstall them. Check if an issue was caused by the accessories.
3. Reset the device using the button at the bottom of the camera.
4. If the issue persists, connect the dash cam to a computer using a USB cable. If the device powers on, the issue may be caused by the car charger cable. If it does not power on while connected, there may be an issue with the dash cam itself.
5. Please go to the official website to update the firmware.
6. If it is not resolved, please contact our dedicated customer service for a replacement.

Why "Mass storage" appears on the screen?

"Mass storage" happens when you use a USB cable with data transfer mode causing the dash cam to enter transfer mode. In this mode, data can only be transferred; no other functions work. For best results, use the original car charger or a USB cable without data transfer mode.

Why can't I connect to Wi-Fi?

1. Check the working distance of Wi-Fi, about 15ft.
2. Check the SSID and password of the Wi-Fi, or whether there are other devices

connected to the Wi-Fi.

3. Turn off mobile data, security software, and VPN on your phone.
4. If the issue persists, please contact customer support for assistance.

Why is the time setting incorrect?

The dash cam features built-in GPS. It automatically adjusts time based on your location and time zone, eliminating the need for manual time changes. And you can adjust the time through Settings > Time Zone/DST.

Customer Service Center

If you have any problems with the function or installation of your dash cam, please feel free to reach out to us.

Help Center

WhatsApp

For more information:

After-sales: help@redtigercam.com

Business Cooperation: contact@redtigercam.com

Customer Phone Service: +1 888 966 8028 (US)

Documents / Resources

REDTIGER DRM-8000 F77 User Manual redtigercam.com TInformation in this manual is subject to change without notice	REDTIGER F77 Dual IMX678 Dash Cam [pdf] User Manual F77 Dual IMX678 Dash Cam, F77, Dual IMX678 Dash Cam, Dash Cam

References

- ⊠ [REDTIGER® Official Site - 4K UHD Smart Car Dash Cam with WiFi & GPS](#)
- ⊠ [APP](#)
- ⊠ [REDTIGER® Official Site - 4K UHD Smart Car Dash Cam with WiFi & GPS](#)
- ⊠ [Warranty Form](#)
- [User Manual](#)

🏷 Dash Cam, Dual IMX678 Dash Cam, F77, F77 Dual IMX678 Dash Cam,

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REDTIGER VisionSync 10 Dash Camera User Manual

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