



**4K+1080P**

Rearview Mirror Dash Cam

INSTRUCTION MANUAL

## Notes

Before starting the operation, please read this product manual carefully to understand the usage of the product and the relevant safety tips and warning signs on the machine. After reading, place it in a readily accessible place for reference at any time.

1. Please do not unplug or insert the tf card while the machine is working to avoid damage.
2. Please pay attention to the direction of insertion of the tf card. If inserted in reverse, it may damage the machine and tf card.
3. After inserting the tf card into the machine, the machine will set the tf card as the default storage device, and the data in the original tf card may not be readable.
4. If the tf card is not compatible with the machine, please reinsert it or replace it with another tf card for retesting.
5. This machine supports a maximum memory of 128GB.
6. The temperature range of -20~65 °C should be maintained when using this machine.

## Installation Warnings

1. Always turn off the vehicle engine and remove the key before beginning any installation work.
2. Do not install or adjust the dash cam while driving.
3. Ensure the main unit is securely mounted to avoid obstruction of view or risk of falling while driving.
4. When routing cables, avoid sharp edges, moving parts, and airbag deployment zones to prevent damage or interference.
5. Use caution when drilling for the rear camera. Avoid contact with fuel lines, brake lines, and electrical wiring.
6. When connecting the rear camera to the reverse light, disconnect the vehicle's battery to avoid electrical shorts or injury.
7. Never pull or force cables. Use gentle pressure and proper tools to tuck cables safely behind trim panels.

## Electrical & Power Warnings

1. Use only the provided power cable and accessories. Using unapproved components may cause malfunction or fire.
2. Do not modify, pinch, or extend power cables without proper knowledge.
3. Do not insert or remove the TF card while the device is powered on—it may damage the card or device.
4. Make sure the TF card is properly formatted before use. Fake or incompatible cards can cause system errors or data loss.

## Usage & Environmental Warnings

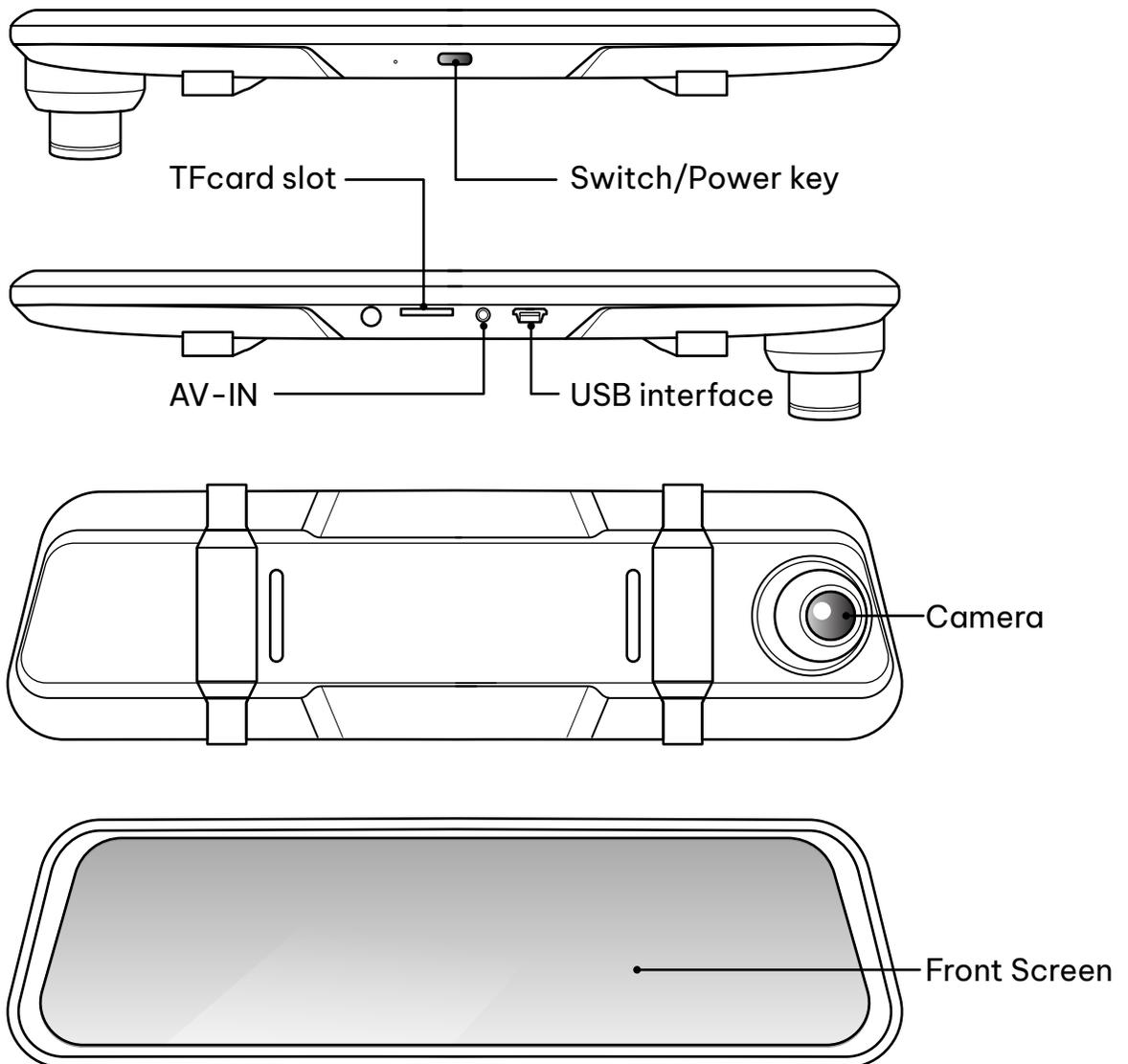
1. Operate the dash cam within the recommended temperature range (-20°C to 65°C). Avoid extended exposure to direct sunlight when the vehicle is off.
2. Keep camera lenses clean and unobstructed for optimal image quality.
3. Do not expose the unit to moisture or liquids. This device is not waterproof.
4. Regularly check and format the TF card (monthly recommended) to maintain performance and free up space.

# PRODUCT INTRODUCTION

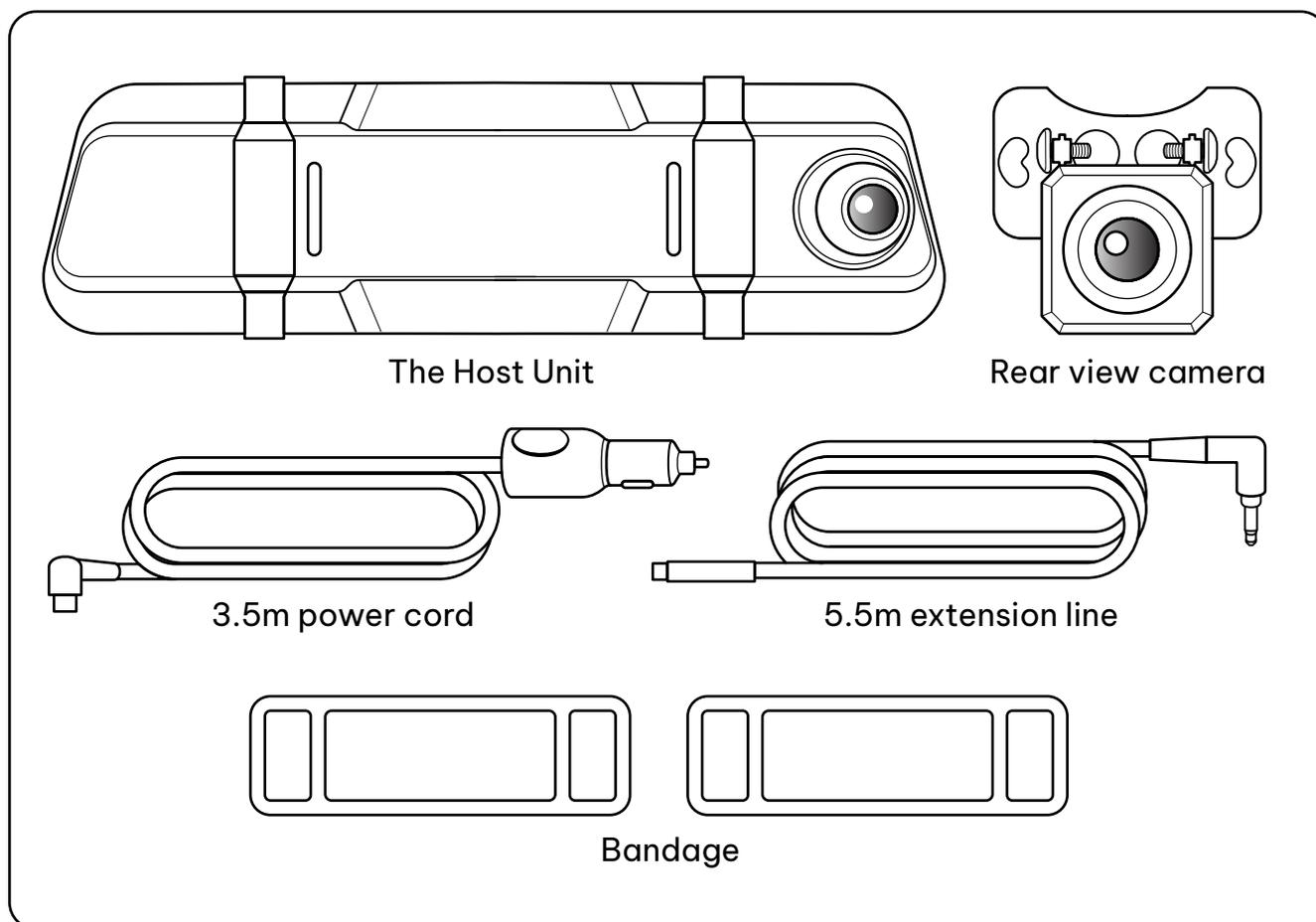
Dash Cam is an instrument that records relevant information such as images and sounds during vehicle travel. By installing a camera on the vehicle, images around the vehicle can be captured and real-time recording can be enabled for retention. With the help of this product, it can record video images and sounds of the entire process of car driving, providing evidence for traffic accidents; prevent porcelain collision; record driving life functions.

## PRODUCT OVERVIEW

1. Switch/Power key
2. AV-IN pull-back interface
3. TFcard slot
4. USB interface (connected to power)

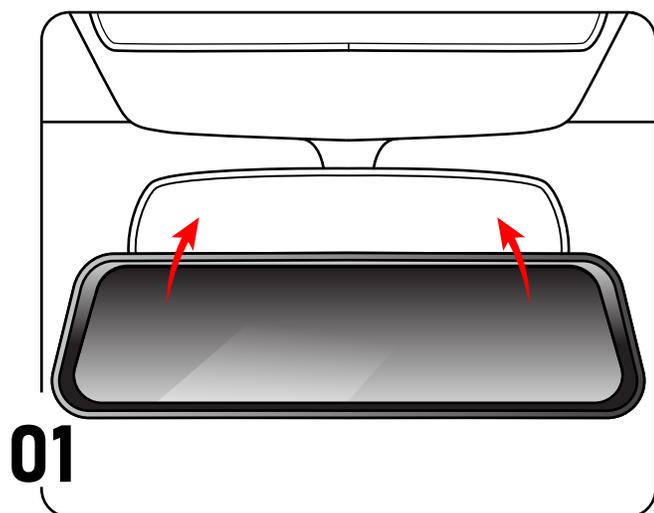


## IN THIS PACKAGE

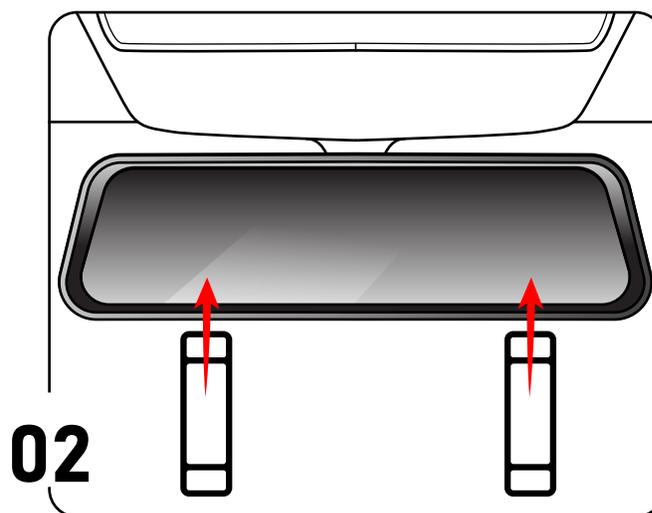


## INSTALLATION MANUAL

•

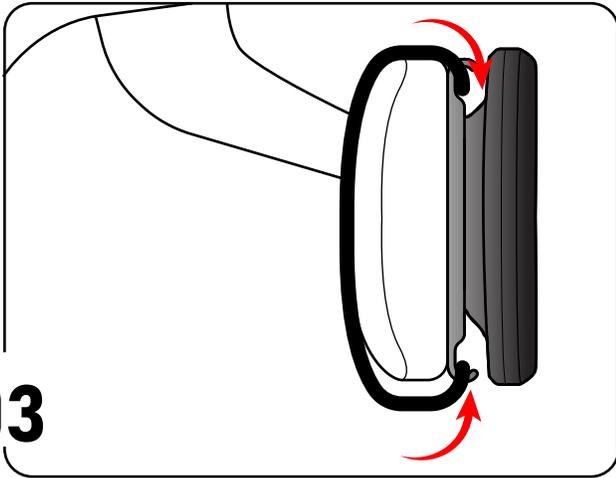


Turn off the car engine before beginning the installation process. Position the main unit directly over your vehicle's existing rearview mirror.



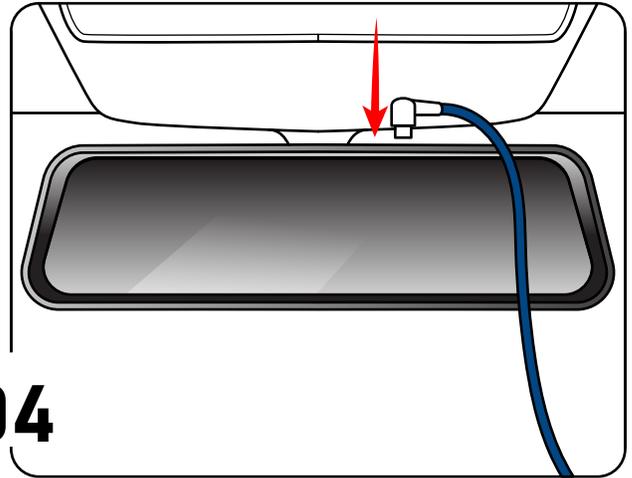
Secure the unit by attaching the included elastic straps around the back of the mirror.

**03**



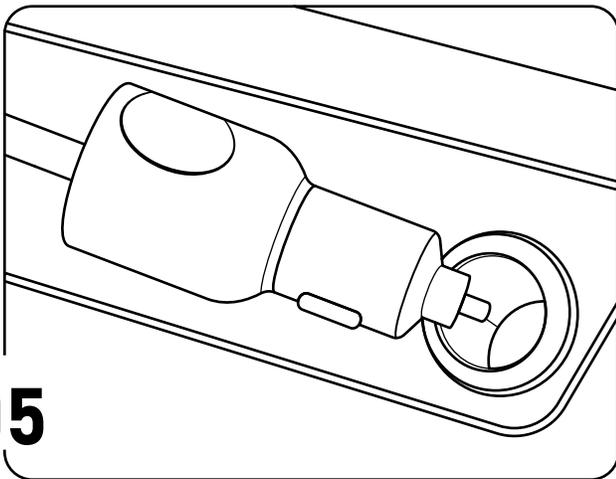
Ensure both top and bottom straps are firmly in place to prevent movement.

**04**



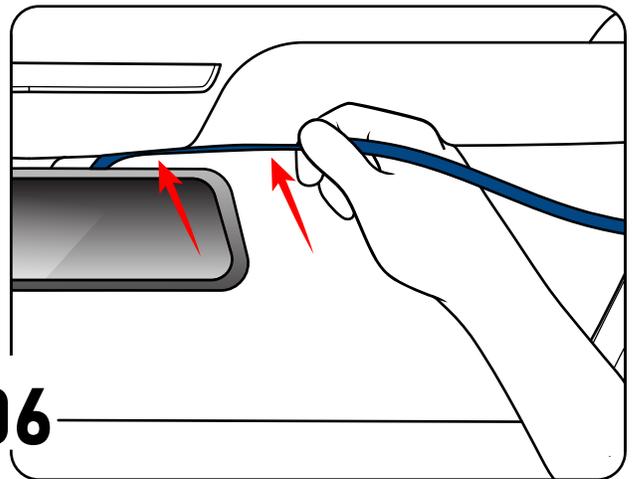
Connect the 3.5m power cable to the main unit's power port.

**05**



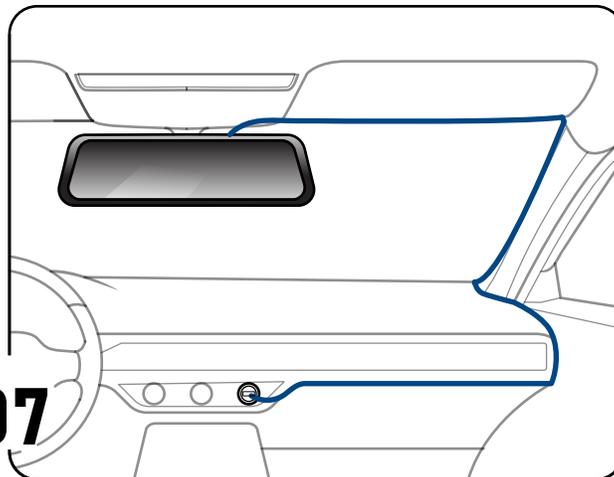
Insert the other end of the power cable into your vehicle's cigarette lighter socket.

**06**



Conceal the wiring by tucking it along the edges of the car interior. Use a trim tool or similar instrument to hide the cable neatly behind headliner, pillars, and dashboard.

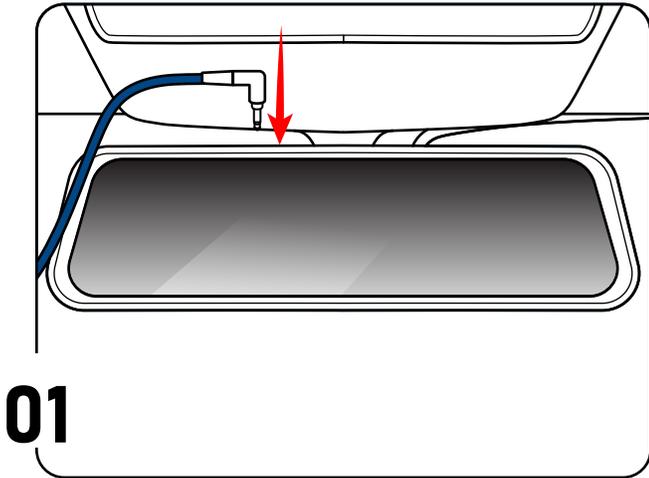
**07**



For best results, route the cable along the passenger side (right side) of the vehicle from the roof lining down to the dashboard.

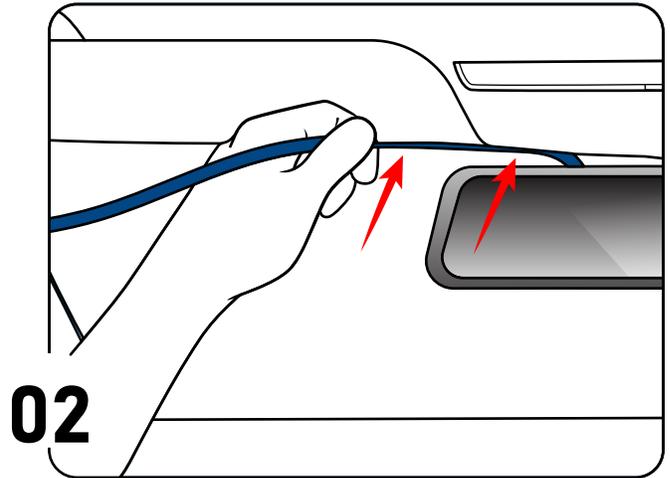
# INSTALLATION MANUAL

## • Installin the Rear view Camera



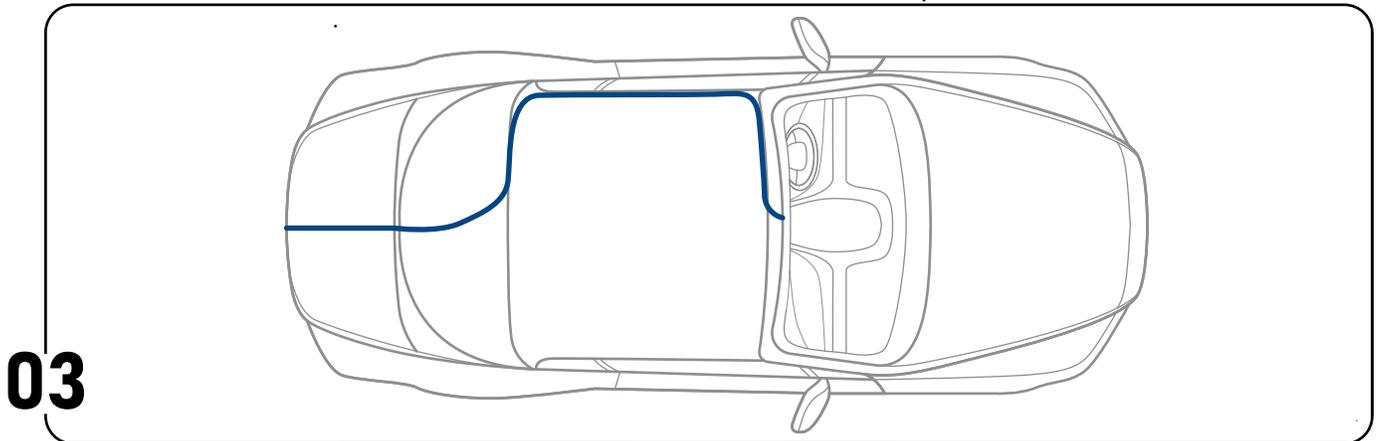
**01**

Connect the 5.5m extension cable to the rear camera input on the main unit.



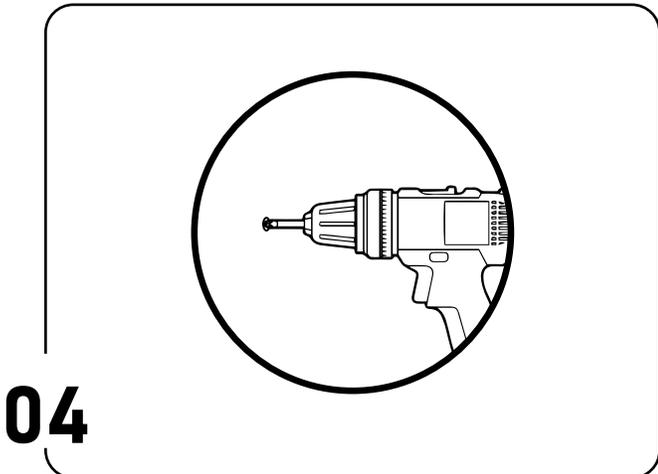
**02**

Route and hide the extension cable along the left side of the car interior, from the dashboard to the rear of the vehicle, using existing gaps in the trim and panels.



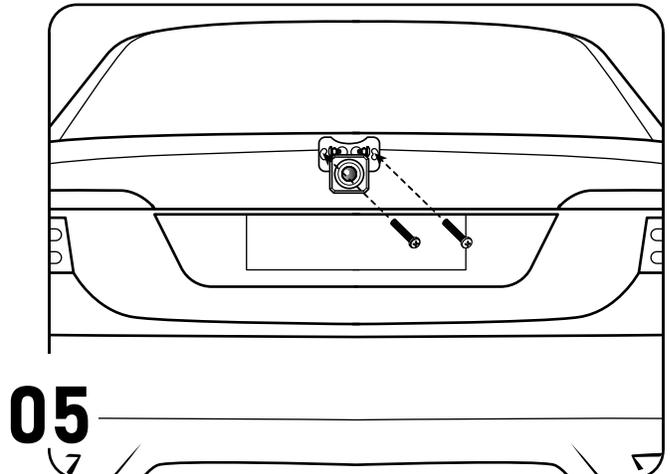
**03**

It is recomended to hide the cable on the Left side from roof to pillars and through the side of car to the back side compartment as the diagram suggests



**04**

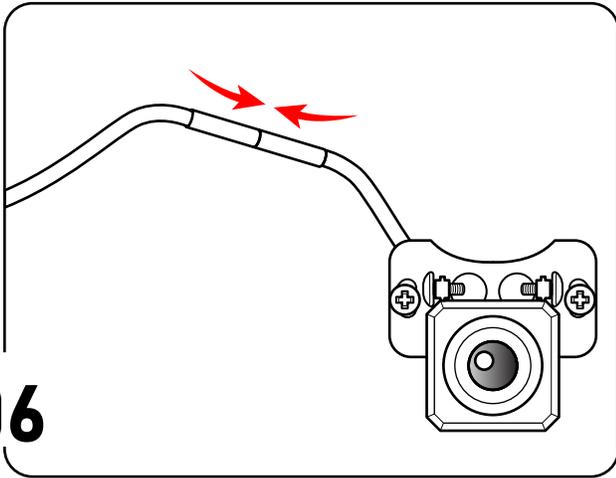
Drill a mounting hole at your desired camera location (typically above the license plate or on the rear bumper).



**05**

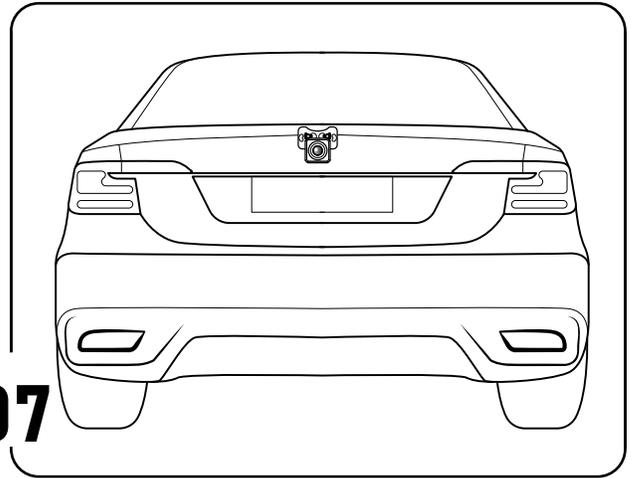
Secure the rear camera in place using the provided screws or adhesive (as applicable).

06



Connect the rear camera to the extension cable.  
Ensure the red wire from the camera is connected to the positive wire of the reversing light to enable auto-switch to rear view when reversing.

07



Your rearview mirror camera system is now fully installed and ready to use. The screen will automatically display the rear view when the vehicle is put into reverse gear.

**NOTE:** Installation steps may vary slightly depending on your vehicle model. Always refer to your car's wiring diagram for proper cable routing and connections.

## SYSTEM SETTING

This is the main menu page of the recorder, which includes recording mode, photography mode, playback mode, and function setting model.

1. Click the ①dash cam to enter recording mode.
2. Click the ②photography button to enter the photography mode.
3. Click the ③playback button to enter playback mode, where you can play back videos and photos.
4. Click the ④setting button to enter the function setting mode, where you can set the parameters for each function



# SYSTEM OPTIONS SETTINGS

Function	Option Settings
① Volume	0,1,2,3,4,5,6,7,8
② Recording resolution	4K2K, 1080P
③ Photo quality	2560 * 1440
④ Loop recording	Off,1minute, 2minutes, 3minutes
⑤ Exposure compensation	+2,+5/3,+4/3,+1.0,+2/3,+1/3,+0.0, -1/3,-2/3,-1.0,-4/3,-5/3,-2.0
⑥ High definition night vision	Close, Open
⑦ Movement detection	Close, Open
⑧ Recording	Close, Open
⑨ Driving collision sensitivity	Cancel, High, Medium, Low
⑩ Parking detection	Close, Open
⑪ Automatic screen shutdown	Off, 1 minute, 2 minutes, 3 minutes
⑫ Language	12 languages including English, Chinese, French, German, Italian,Spanish, etc
⑬ Date/Time Settings	Year, month, day, hour, minute, second (RTC system time setting)
⑭ Format	Cancel, confirm
⑮ Restore factory settings	Cancel, confirm
⑯ Firmware Information	F8083-P1WM06-2024091

Regarding system option settings, we recommend the following:

1. Select 4K as the recording resolution.
2. Set the photo quality to 8MP.
3. Choose 3 minutes for loop recording duration.
4. Turn on high-definition night vision.
5. Enable recording function.
6. Set driving collision sensitivity to low.

# INTRODUCTION TO BUTTONS AND INTERFACES

## Keys/Interfaces

## Operation Introduction

### Power button

Long press for three seconds to manually turn on/off

Short press to control the backlight on/off of the display screen (this function does not affect the recording function)

### Reset key

Insert a needle into the small hole and press the internal reset button to reset the machine. If the recorder crashes, short press the reset button to power off and shutdown the machine.

### USB power interface

Connect DV5V power supply or ACC step-down line

### Rear camera interface

Connected to rear camera

## ICON INTRODUCTION

### Icon

### Application



Touch to switch the screen to the main screen



Touch to adjust the volume level



Touch for photo taking function



Touch for recording function



Touch to flip through files or photos below



Touch to flip through files or photos above



Touch to enter the playback settings page



Touch to lock files during recording

# PRODUCT PARAMETERS

Class	Parameters
Name	4K Rearview Mirror Dash Cam
Model	Winner 533
Lens effective element	3860*2140
Aperture	2.5
Camera perspective	150 degrees
Shooting resolution	2560*1440
Storage compression	MJPEG
Video Format	.ts
Camera resolution	4030 x 3024
Photo Format	JPEG
Frame rate	25FPS
Storage temperature	+20°C~70°C
Operating temperature	-20°C -65°C
Operating humidity	15-80 %RH
Storage card capacity	Can support tf memory card 8GB~128GB
working voltage	DC 5V
Working current	2.0A
Power interface	MINI USB DC5V -2.0A

**NOTE:**This product reserves the right to make design and specification changes without prior notice.

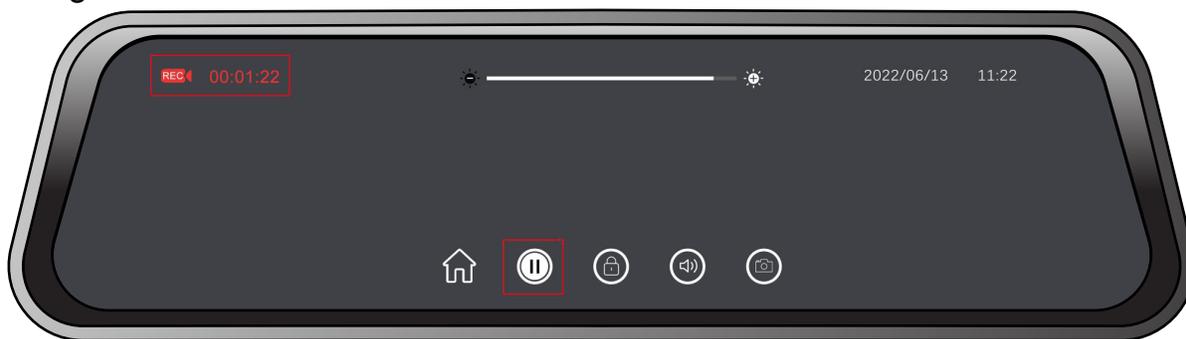
## Data & Recording Warnings

1. Locked or collision-detected files will not be overwritten during loop recording. Manage storage space to avoid TF card full errors.
2. Ensure the date and time are set correctly to preserve accurate recording metadata for legal or insurance purposes.
3. Do not rely solely on this product for accident prevention. It is a recording device, not a safety substitute

# FUNCTION INTRODUCTION

## 1. Driving Video Recording

Click on the main menu page to switch to the driving record recording page. After touching the button , the start recording function  can be used to record the dynamics during the driving process. During the recording process, a sign flashes **REC** in the upper left corner of the screen, indicating that the recording mode is on. When you want to turn off the recording function, you can touch the button  to stop recording.



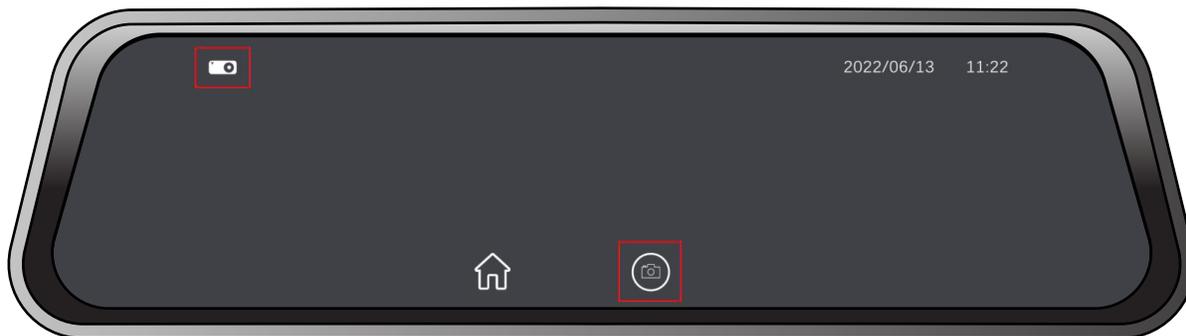
During the recording process, other functions can also be set:

1. When you want to record a scene, person, vehicle, and other things at a certain moment during the recording process, you can touch to capture and retain them.
2. Touch to lock the screen at the recording time to avoid touch operation errors caused by carelessness.
3. Touch to adjust the volume of the recorder device.
4. Touch to return to the main menu page and enter other function modes.

**NOTE:** The recording files and photo files of the front and rear cameras are saved in the "DCIMA folder" and "DCIMB folder" under the "DCIM" directory in the tf card, respectively.

## 2. Taking Photos

After the driving recorder is turned on, it will automatically enter the recording function. To enter the shooting mode, you can click  to return to the main menu page and click the shooting button to enter the shooting mode. There will be a sign  in the upper left corner of the screen, indicating that the photography function is in progress.



**NOTE:** When touching , there will be a picture preview waiting, and after about 1 second, the photo will be taken. When taking photos, hold the camera firmly and avoid shaking as much as possible to avoid affecting the image quality.)

### 3. File Playback

After the dash cam is turned on, it will automatically enter the recording function. To enter the playback mode, you can click  to return to the main menu page and select the playback button. Touch   to move up or down the recording or save files and photos on the tf card after taking photos for easy browsing. Touch  to enter the playback menu page, which allows for functions such as deleting, locking, and unlocking recorded videos or photos. Touch  to play and pause files.



### 4. One Click Lock

The one click lock function appears on the recording function mode page. During the recording process, clicking the lock flag  can lock the current recorded video, and the lock flag will change to , indicating that the video has been locked. Locked files will not be overwritten in the future.

### 5. Screen Switching

During the recording process, you can slide the page left/right to switch between the front/ back page images, as well as to switch between picture in picture settings. (After the driving recorder is turned on, it will automatically enter the recording mode page. After the recorder wiring is completed, the recording screen of the front and rear cameras will appear. You can freely switch the recording situation of the front and rear cameras by clicking.)

### 6. Time/Date Setting

Click the settings button on the main menu page to enter the function setting mode, click on the general settings on the page, and then click on the time/date settings again to set the time/date. (Note: In order to effectively record the date and time of obtaining evidence for driving safety accidents, please set the correct time and date before using this machine.)

### 7. Collision Induction

This machine is equipped with a built-in collision sensor (G-sensor). Click the setting button on the main menu page to enter the function setting mode. Click the scroll down button on the page to find "Driving Collision Sensitivity", and click to set the collision sensing function. When gravity sensing is turned on, if the machine experiences vibrations (such as collisions) during the recording process, it can automatically lock the current video for saving.

## 8. Rear View Camera

Firstly, it is necessary to connect the car charger to the recorder, then pull the camera plug to connect to the AV-IN jack, and pull the black and red wire on the camera to connect to the reversing light. The plug-in charging machine will automatically activate the recording state, and if there is a reverse in any state, a reverse image will be displayed. After the end of reverse visualization, the machine will automatically return to recording mode.



## Common Troubleshooting Guide

If you encounter the following problems during use, troubleshooting will help you quickly solve the problem. If the problem still cannot be solved, please contact a professional or consult with the sales department. Do not disassemble this machine without permission to avoid serious consequences!

<b>Error Phenomenon</b>	<b>Error Reason</b>	<b>Resolvent</b>
No memory card detected, unable to record	Card not inserted	Please insert the card
SD card not inserted No files	No files	Insert card for recording or taking photos
Sensor initialization exception, unable to record	SENSOR FALL	If it persists, please contact the dealer for repair and processing
Incorrect card format	Card error/please format	Enter the menu to format the SD card
Insufficient remaining space displayed when taking photos	SD card is full	Please delete or unlock some files to free up space

## 9. After sales Q&A

### 1. Question: The dash cam displays: "Please insert the tf card"!?

A: Please ensure that you are using a suitable tf card: with a speed exceeding Class 10, a capacity of no less than 8GB, and no more than 128GB. Format the tf card on the dash cam when using it for the first time!

Some tf cards in the market are fake tf cards. Please try a new tf card.

### 2. Question: When I press the menu button, nothing happens. All keys are not working?

A: If the dash cam is recording a video, please press the power button to stop recording, and then other function keys can work.

### 3. Question: Does the dash cam remain on/off?

A: Please check if the parking monitor and movement detection are turned on? If so, please turn it off.

### 4. Question: Has it been said that the tf card is full?

A: (1) When using it for the first time, please format the new tf card on the dash cam. We recommend using a 10 level high-speed mini tf card, which does not exceed 128GB. (Please remember to insert the tf card before powering on the dash cam)

(2) When driving on the road, be sure to turn off the parking monitoring and movement detection functions. (If not, these two functions will trigger the captured locked video and cannot be overwritten. If the display card is full, the card needs to be formatted.)

(3) If the collision sensor is set to a high level, it is easy to lock files and make the tf card full. Therefore, it is recommended to set it to a low level, which is safe enough, and it is recommended to format the tf card every month.

### 5. Question: Will the camera automatically stop recording?

A: Firstly, check if the screen saver is turned on? If so, the dash cam screen will be blank, but the dash cam is still recording; Secondly, check if the automatic power supply is turned on? If so, the dash cam will automatically turn off.

### 6. Question: Is the recorded video unclear?

A: Ensure that there are no fingerprints or dirt on the lenses and that the protective film has been removed.

### 7. Question: I am unable to delete files on my tf card in the dash cam.

A: Check if these files are 'locked'. If so, please format the tf card or unlock the file, and then manually delete it.

### 8. Question: When reversing, you cannot see the reverse guidance image.

A: Please check the wiring to ensure that the REDLINE of the rear camera is correctly connected to the positive pole of the backup light.

### 9. Question: How do I view the lens of the rear camera?

A: In playback mode, click the up and down buttons to switch between files captured by the front camera, files captured by the rear camera, and photos to check if the rear camera is functioning properly.



**RIVELA**