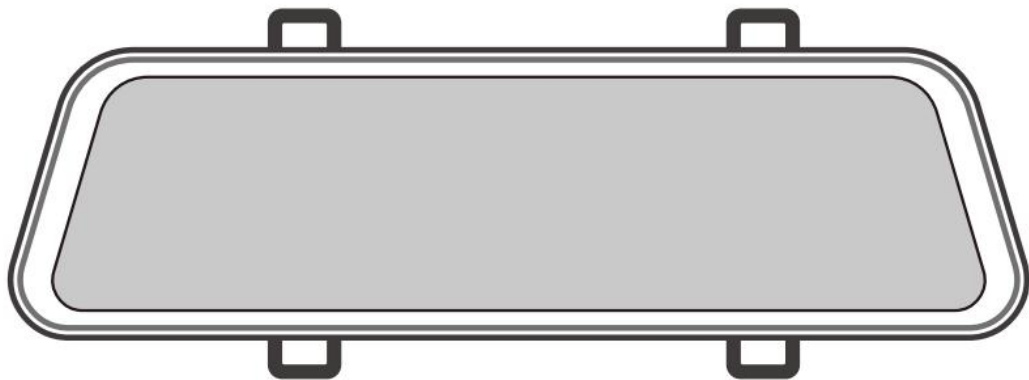


Touch Screen Streaming Video Rear View Mirror



Important Notice:

- **NOTICE: Due to the high power consumption Of this unit, it should always be connected to an external power supply. This unit will not power on without external power supply.**
- This product is intended for use in motor vehicle only. Do NOT install the device where it might block the driver's view of road (including the mirrors) or the deployment of the airbag.
- Before using this device, please insert the memory card first, and need to format micro SD card to FAT 32 format on PC firstly, then format the memory card in camera menu.
- This device records video at high resolution, Be sure to use high speed memory card, Class 10 or above is recommended, 16GB or 32GB cards are recommended.
- We do recommend doing a benchmark test and make sure the unit is working perfectly before installing the unit on your vehicle.
- Be sure the lens is clean and there is nothing blocking the lens.

- Make sure you are using the original included power adapter to power the unit.
- DO NOT leave the device in direct sunlight for a long period of time or where the temperature could go above 170°F(75°C).

Installation Guide

- 1 .Before installation, please insert a high speed memory card in the unit and format the memory card in the unit setting, also do a simple test to make sure the unit is working perfectly.
2. Mount the mirror over the original rearview mirror and use the included rubber ring to fix it(The front lens base is stretchable, it can be pulled out sideways when necessary). Make sure the mirror is in the right place and secured.
3. Adjust the mirror angle according to your driving position, make sure the mirror is right in place and the view is clear.
4. Adjust the angle of the lens.Make sure you get best coverage over the hood and the road ahead, so you can record what happens.

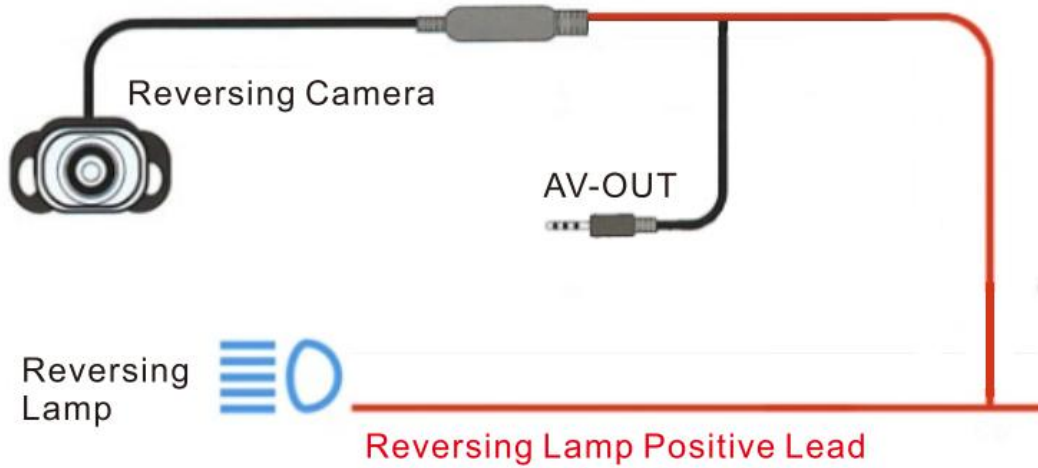
5. Connect the power adapter to the mirror and the cigarette lighter, then route the power cable along the interior trim board, you can route it as indicated below, and hide the excess cable in the gaps for good looking.



6. The rearview camera should be installed at the rear end of the car, normally the best place is above the number plate. The camera can be fixed with the sticker or the screw. You can see the diagram for reference.

(Note: Please check whether the backup camera is installed upside down before you install screws.)

7. The excess RED lead near the rear view camera is used for reverse status sensing. Connect the RED cable to the positive lead of the reverse lamp power.



8. Route the backup camera cable to the front of the car and connect it to the main unit. There are 2 pictures for reference.

(**NOTICE:** Holes might need to be drilled to pass the cable and please check whether the cable for backup camera is long for your car before you install it.)



Wiring Method A



Wiring Method B

9. After the installation is completed, please start the engine and have a test run, make sure all functions are working.

NOTICE: The wiring and the installation requires certain hand work and

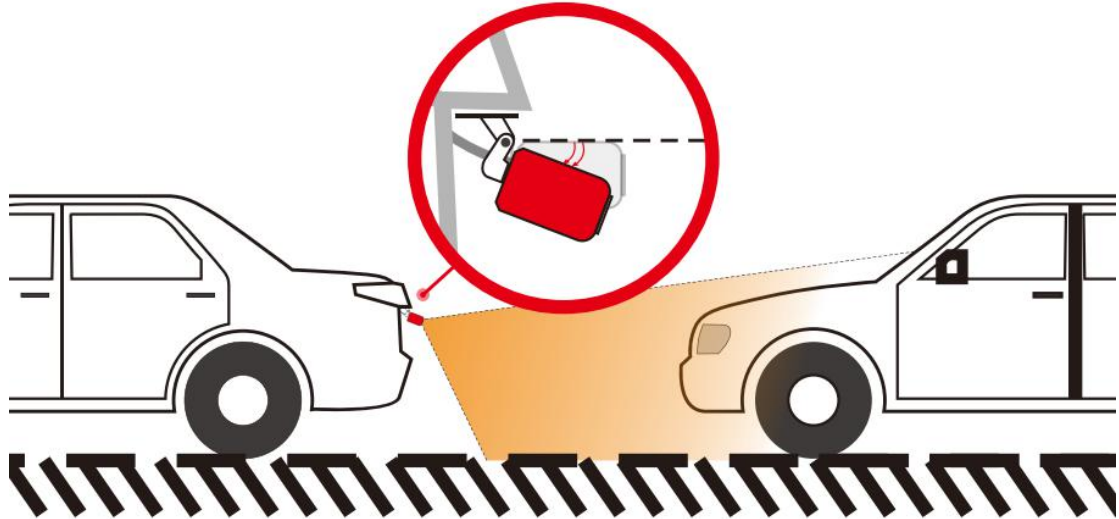
some professional electrician skills, if you are not sure about it, please get some professional help.

Adjust the Reversing Camera

Adjust the reversing camera angle, the best angle is the camera can cover the rear of the car and the ground surface under the rear end.

Notice:

When the car is in reverse, the rear camera will automatically display in full screen, and turn to the lowest angle, so you can see the ground surface under the rear end while reversing.



Interface and Button Functions



Power button

NOTICE :

When the external power supply cuts off (the engine turns off), the camera will immediately dim the screen display, and power off within 10 seconds (There will be a BEEP prompt when powers off)

It's normal when the engine stops and the camera immediately turn off

screen.

Power On/ Power Off

Long press the power button for 3 seconds to power off the unit.

Turn off / Turn on Screen Display

When the unit is on, short press the power button to turn off the screen display, enter the power saving mode(the recording is still working with screen off); Short press the power button or touch the screen to reactivate screen display again.

NOTICE :

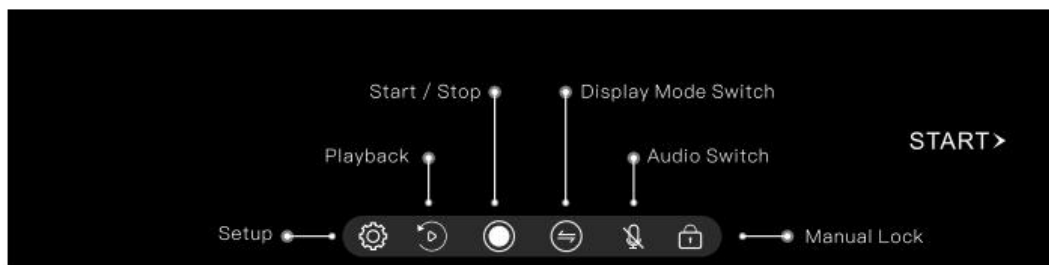
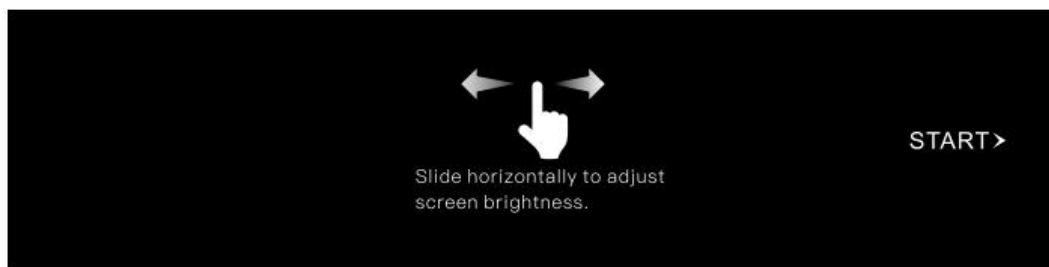
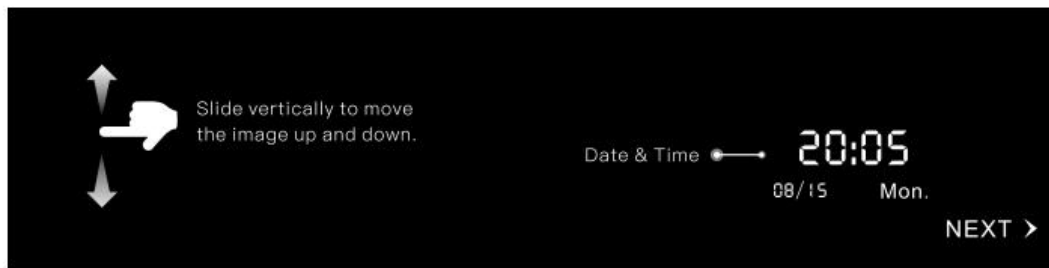
Due to the high power consumption of this unit, it should always be connected to an external power supply. This unit will not power on without external power supply.







Reset button

If the recorder somehow crashes or malfunctions, press the [RESET] key to reset the unit and press the [POWER] button again to restart the device.


The main interface and Operations

When the unit is powered properly, when you start the car engine, the unit will automatically power on and start recording. If you want to operate the recorder, touch the screen. The following toolbar will show up on the screen.



	Click to enter setup menu in standby.
	Click to enter file playback in standby.
	Click to start / stop video recording.
	Click to switch front / rear camera display mode.
	Click to turn on / off audio recording.
	Click to manually lock / unlock current video file.

Video playback

Click the Playback Icon  in the tool bar to enter playback mode.

There are 3 folders in the playback mode



1. Front Camera Video
2. Locked Files
3. Rear Camera Video

Featured Function

Dual Recording

The mirror comes with dual channel lens, they can record video in 1080P + 720P simultaneously, you can setup the front or the rear camera record in 1080P , and the other one in 720P. If the reversing camera is not plugged in, the front lens will record at 1080P as default.

Loop Recording

This function allows you to set video file length to 1 / 2 / 3 minutes, Select a value to activate loop recording, so when storage fills up, the

camera will automatically loop back to the earliest file and record over it.

EG: If set the time 3 minutes, then the unit will keep recording video in 3 minutes clips, When the card is full, the unit will keep recording and overwrite the earliest unprotected 3 minutes video file and so forth.

G—Sensor

This unit has a built—in Gravity sensor, In the event of a serious vehicle collision or rapid acceleration / deceleration, the G—sensor will be triggered and immediately lock current video file so it will not be overwritten by loop recording.

Screen Saver

Set the time after which the unit will automatically turn off screen. Used to save power and reduce distraction while driving. For example, it is set to 3 minutes, if the unit is not operated in 2 minutes, the unit will automatically turn off screen while the recording is still working, any button operation or touch the screen will reactivate the screen display.

Setting Menu and Options

Setup	Option	How it works
Resolution	1080P (F)+720P(R) / 720P (F)+1080P(R) /	Adjust video resolution, F for Front Camera, R for rear camera. When dual recording is off, only the front camera will record video in 1080P or 720P.
Loop Recording	OFF / 1 Min/ 2 Min / 3 Min	Adjust Loop Recording video clip length.
Audio Record	OFF / ON	Turn ON /OFF audio recording.
Auto Power OFF	Never / 1 min / 5min	Adjust the auto power OFF time
Date & Time		Setup current date and time.
Time Stamp	OFF/Date/Logo/ Date&Logo	Setup Time stamp format in video.
Language	English / Japanese / Chinese	Setup Time stamp format in video.
Light Frequency	50Hz / 60Hz	Setup local light frequency

Common Problem and Solution

Recorder shows memory full, unable to loop video, etc.

1 . First, when a new memory card is used for the first time on the machine. Please format the memory card to FAT 32 format on PC then format it in the camera.Or the memory card is previously used on another type of device,it needs to be formatted when used on this camera.Or change another new SANDISK 32G Micro SD CARD.

2. Check the sensitivity of G—sensor, If the sensitivity is too high, the bumping and shaking Of the camera will trigger the G—sensor, and the

file will be locked. Locked files cannot be overwritten. If the lock file is accumulated, there will be no memory to loop record. When parking monitoring is turned on, shaking will also cause too many stray files, which will also affect the reading and writing of cards.)

The device will automatically turn on or turn off.

1. Please format the memory card to FAT 32 format on PC then format it in the camera.
2. Please check whether the parking monitoring function is on. With parking monitor on, the device will automatically turn on and record when it detects a collision or shaking.
3. Check the car charger connection status, if the connection is loose, the power supply is not stable, the camera will automatically turn on and off.

The rear camera does not display image

1. Please switch the camera display mode to double check the rear camera status.
2. Please check if the AV plug is properly connected and the cable is

plugged in correctly.

3. Try to disconnect the camera and clean the connector with some Medical alcohol connect it again.

Screen operation Or button reaction is slow during recording

1 .Please check whether the memory card used is a high—speed card (Class 10), If you use a non—high—speed card, problems such as missed seconds,video playback jams, screen display Colorful stripes, and crashes may occur.

2.Reset the camera if necessary.

Change in the setting menus won't save.

1 . After change settings, please manually press the Power button to shut down, and the device settings will be saved.

2. When the device is abnormally powered off, the unit might not save the settings.

3. When the battery is too low, the customized settings might be lost.

Even though set the screen saver, but the screen will randomly come back on.

The power supply might not be stable, please change another car charger to try.

Why dash cam drain car battery?

Please check whether the cigarette lighter still be on after you turn off car engine.

