

# **User Manual**

**Model: DC339S**



## **Foreword**

Thank you for buying our products. This product uses the original high performance chip, in the high dynamic picture continuity and low illumination of high definition image recording, small design style does not affect the overall car interior premise to give you the greatest safe driving experience.

For the memory card used with this dash cam, please choose a U3 grade memory card. Please format the memory card in the local menu for first time use.

This user manual will explain how to use it in detail and provide you with detailed information including operation and technical specifications. Please read this manual in detail and fully understand it before use. Please keep this manual properly. We sincerely hope that this product to meet your needs and long-term service with you.

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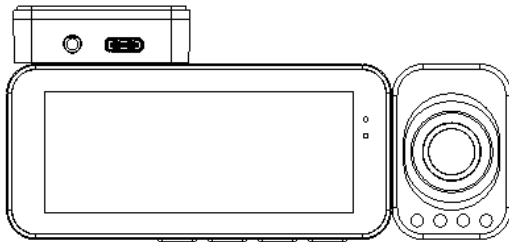
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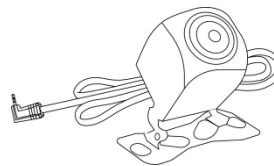
## 11. Disclaimer

### 1. What's in the box

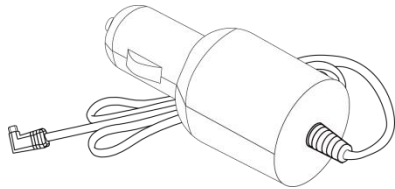
Front Camera



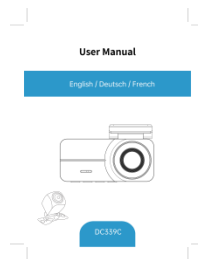
Rear camera



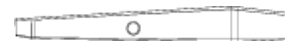
Charger



User manual

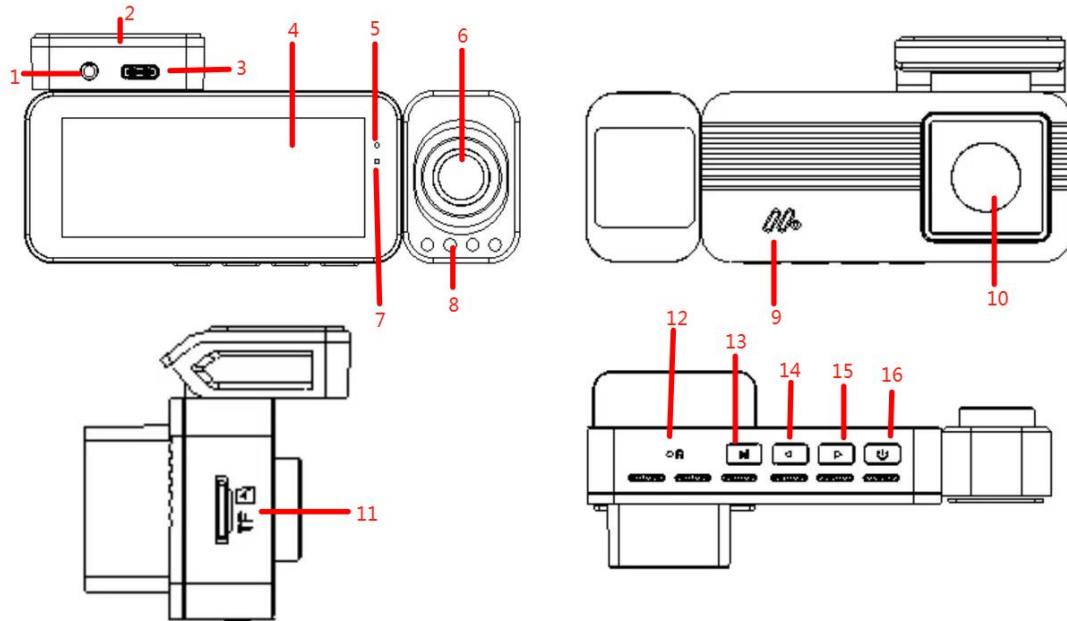


Installation tools



说明书换一下封面

### 2. Product Diagram

















- |                             |                       |                |
|-----------------------------|-----------------------|----------------|
| 1) Rear camera interface    | 2) Bracket            | 3) Type-C port |
| 4) Display                  | 5) Charging indicator | 6) Lens        |
| 7) Working indicator        | 8) IR                 | 9) Speaker     |
| 10) Front Camera            | 11) Micro card slot   | 12) Reset      |
| 13) Menu button/Mode button | 14) UP                | 15) Down       |
| 16) Power Button/OK button  |                       |                |



### 3. Interface

1. Rear camera interface: Plug in the rear camera cable to display the rear camera image in real time.
- 2.Type-c port: Plug in the matching car charger to power the camera.
3. Micro SD card slot: place memory cards. (You need to use a U3 grade Micro SD card and format it locally.)
- 4.Reset : You can use a fine needle or other object to briefly press the reset button to force the device to restart.

### 4. Button

| Mode                              | Button  | Procedure   |  | Mode                   | Button  | Procedure   |
|-----------------------------------|---|---|--|------------------------|---|---|
| Video Mode(recording not started) |    | Short press to enter the menu;<br><br>Long press to switch to playback mode |  | Start recording status |    | Short press to lock the video<br><br>Long press to take a photo |
|                                   |    | Short press to switch screen display  |  |                        |    | Short press to switch screen display                            |
|                                   |    | Turn the microphone on or off   |  |                        |    | Turn the microphone on or off                                   |
|                                   |  | Short press to start recording;<br><br>Long press to shut down              |  |                        |  | Short press to stop recording;<br><br>Long press to shut down   |

| Mode          | Button  | Procedure   |  | Mode          | Button  | Procedure                                    |
|---------------|---|---|--|---------------|---|--|
| Playback mode |  | Press once to return to the previous menu;<br><br>In the playback file list, press and hold to pop up the delete menu |  | Menu Settings |  | Return to the previous menu or exit the menu |
|               |  | Short press to move up an option or switch  |  |               |  | Move menu options up                         |
|               |  | Short press to move down an option or switch  |  |               |  | Move menu options down                       |

|  |   |   |  |   |   |
|--|---|---|--|---|---|
|  |  | Confirm options or play the files you would like to check;<br><br>Long press to shut down |  |  | Short press to enter the sub-menu or confirm settings;<br><br>Long press to shut down |
|--|---|---|--|---|---|

## 5.Recording mode

(Note: The icon will be automatically hidden in 5 seconds after the recording starts.)



- 1.Video resolution
- 2. Date and time
- 3. Remaining recording time of the memory card
- 4. Battery icon
- 5. License plate
- 6. Microphone
- 7. Take photo
- 8. Recording
- 9. Settings
- 10. Playback
- 11. Video status
- 12. Rear camera



Select video resolution. 4K(Default)/ 2K (Optional)



Loop Record: 1 minute (Default) / 2minutes / 3minutes. The time each video is recorded. This feature allows the camera to record continuously. When the memory

card is going to run flat, the camera will automatically delete the oldest files.



Time-lapse: Off (Default) / 1 second/ 2 seconds/ 3 seconds. This function requires a step-down line, which should be connected to the camera. After activated, select 1/2/3 seconds, then each time the vehicle is turned off and parked, a frame of video will be recorded at the corresponding time. Note that the time-lapse video will last up to 24 hours after each parking. For the step-down line instructions, please refer to Item 8 in this manual.



License: Off (Default) / On. After turning it on, you can customize the license plate watermark consisting of letters and numbers, which will be recorded and displayed in each video clip.



Motion Detect: Off (Default) / On. After activated, the device will start recording only when it detects movement in the picture, and will stop recording when it is still.



Audio record: On (Default) / Off. Recording video, the sound will be recorded at the same time.



Date stamp: On (Default) , When it is on, the system date and time will be displayed on the video and photo files. When it is off, there will be no date on the video or photo files.



G-sensor: Off (Default) / Low / Medium / High(Optional). G-sensor is a 3-axis shock-gravity accelerometer designed to detect physical forces and gravity on the camera. Once the G-sensor is triggered due to physical or gravity impact on the camera, the current video file will be locked as an emergency file and will not be overwritten by the loop recording function. The higher the G-Sensor sensitivity, the less force is required to trigger the automatic file protection. (If this function is on, it is recommended to format the memory card regularly to avoid running out of space, provided there are no files that need to keep.



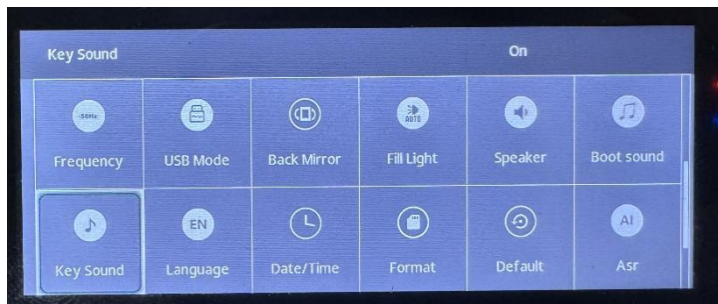
Parking: Off (Default) / Low / Medium / High(Optional). After activated, the camera will automatically turn off the screen after a set time without any operation. Pressing any button will wake up the screen again.



Auto power off: Off (Default) / 1minutes / 3minutes/ 5minutes. After turning on this function, the camera will automatically turn off the screen after a set time without any operation. Pressing any button will wake up the screen again.



Screen saver: Off (Default) / 10 seconds/ 30seconds/ 60 seconds. After activated, the camera will automatically turn off the screen after a set time without any operation. Pressing any button will wake up the screen again.



Frequency: 50Hz(Default)/60Hz. According to the frequency specifications used in your country/region .

60HZ- Applicable to the United States, North America

50HZ- Applicable to the Europe, most Asian countries.



USB Mode: USB charging (Default)/USB storage. Use a data cable to connect the USB power port (Reserved) of the camera to the computer to realize the disk reading function and transfer files.



Back Mirror: Off(Default)/ On. The rear camera image can be adjusted to mirror image or original image as needed.



Fill Light: Auto (Default) / On / Off. Control the infrared light status of the camera inside the car.



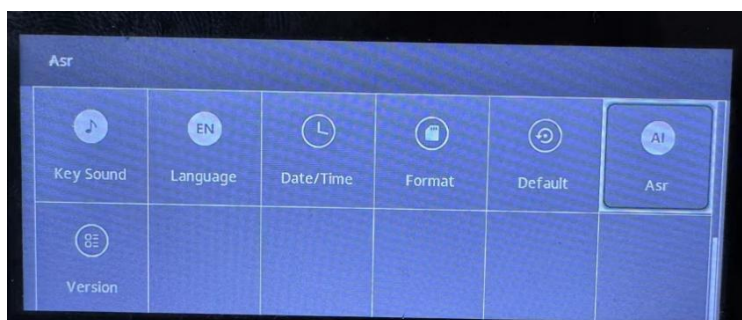
Speaker: Mute/Low (Default)/ Middle/ High. Set the speaker volume to the appropriate level or mute according to your needs.



Boot Sound: On (default)/ Off. According to your needs, you can set the power on/off volume of the device every time it is on or off.



Button Sound: On (default)/ Off. You can set the power on/off volume of the device it is on or off.



Language: Default English; Optional: English, Chinese, Traditional, Japanese, Korean, Portuguese, German...

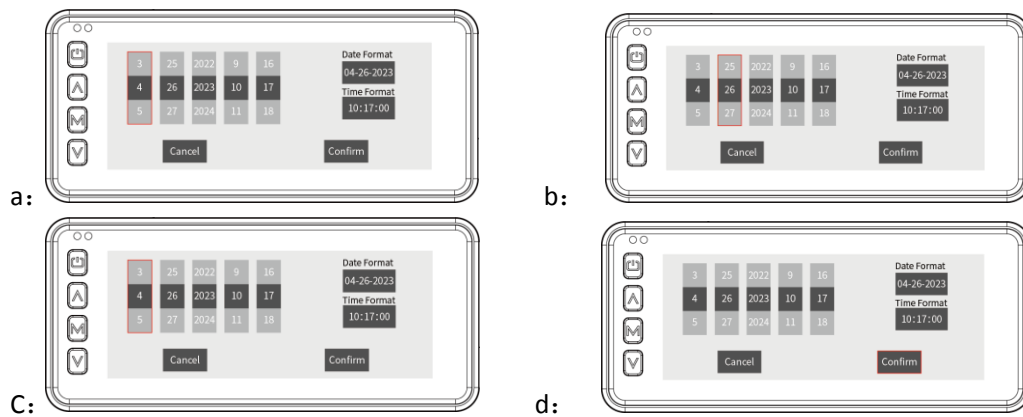


Date/ Time: You can manually adjust the current date and time and the required date and time display format.

In the menu,

- a: Use the up and down buttons to select the date and time you want to set;
- b: After the setting is completed, press the "Confirm" button to confirm and enter the next option;
- c: Press the "M" button to return to the previous option;
- d: Press the "Confirm" button to select "Confirm", and then shortly press the "Confirm" button again to save the settings and exit.





**Format:** The memory card can be formatted in the camera.

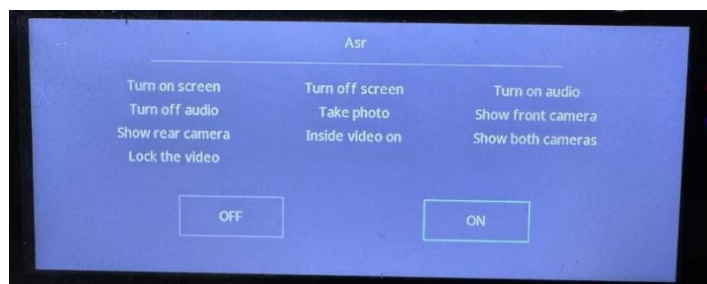
**Note:** For stable performance, it is recommended to format the camera once every 10 days. Please make sure that there are no files in the camera that you want to keep before performing this operation.



**Default:** After this settings, all menus of the camera will be restored to factory settings.



**Asr:** It is on by default. After turning on this function, some voice operations can be performed on the recorder. Note that this camera currently only supports Chinese and English voice control. The specific instructions are as follows:



EN: "Turn on screen"

CN: "打开屏幕"

EN: "Turn off screen"

CN: "关闭屏幕"

EN: "Turn on audio"

CN: "打开录音"

EN: "Turn off audio"

CN: "关闭录音"

EN: "Take photo"

CN: "我要拍照"


EN: "Show front camera"

CN: " 打开前录"


EN: "Show rear camera"

CN: "打开后录"

|                         |            |
|-------------------------|------------|
| EN: "Inside video on"   | CN: "打开内录" |
| EN: "Show both cameras" | CN: "查看全部" |
| EN: "Lock the video"    | CN: "视频加锁" |
| EN: "Turn on wifi"      | CN: "打开热点" |
| EN: "Turn off wifi"     | CN: "关闭热点" |



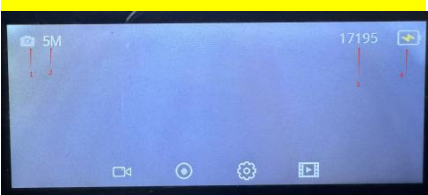
Wi-Fi Connection: It allows to view the Wi-Fi name and password of this camera, display the QR code of app, and turn on the Wi-Fi.



Version: Check the firmware information.

## 6. Take Photo Mode

When the camera is not under recording, press and hold the “Menu” button once to enter the photo mode, then press the Confirm button to take a photo.



1. Photo mode
2. Photo resolution
3. Estimated number of photos remaining
4. Power

Photo mode menu:







Photo Resolution: 3M/5M/8M/10M/12M. You can choose the resolution of the photo.



Sequence: It is off by default. When turned on, three photos will be taken each time.



Image Quality: High Quality (Default) / Standard / Economy, the degree of deviation produced when viewing the photo visually.



Sharpness : Strong/Standard (Default)/Soft, image sharpness and edge sharpness adjustment.



ISO: Auto (Default)/100/200/400. High ISO makes the photo very grainy, while low ISO makes the picture delicate.



Anti-shake: It is off by default. When turned on, it can reduce the blur caused by device shaking.

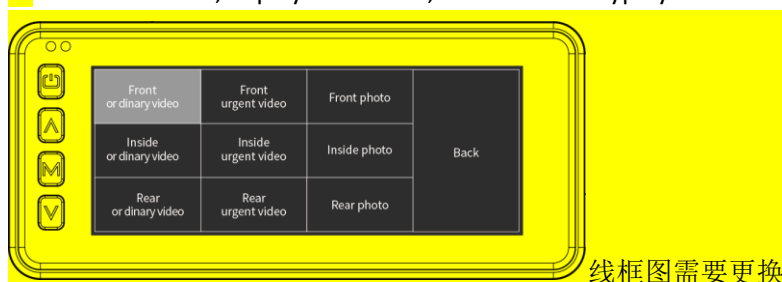


Version: Check the firmware information.

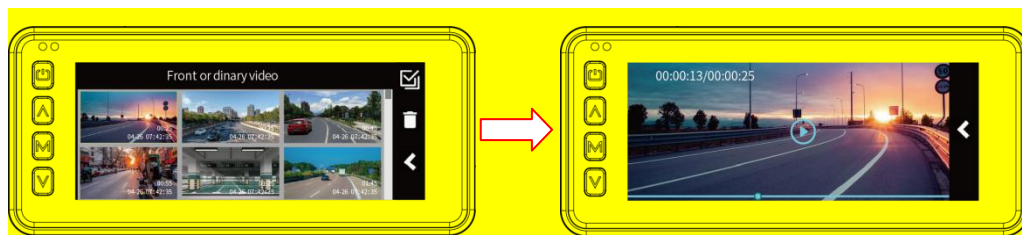
## 7.Playback Mode

(In photo mode, press and hold the menu button for 2 seconds to enter playback mode)

1. As shown below, in playback menu, select the file type you want to view:

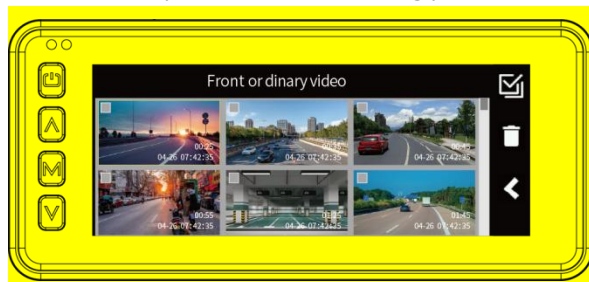


2. Enter the file interface to be previewed (short press the menu button to return to the previous menu), select the file to be viewed, and press "Confirm" to enter the video or photo viewing.

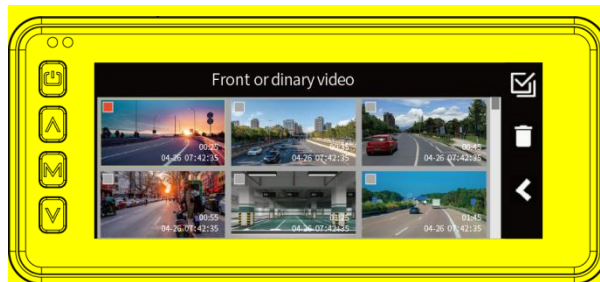


- 3.Manually delete files

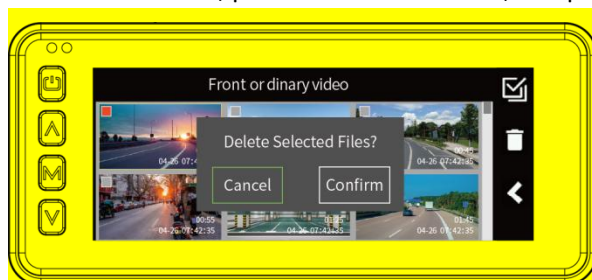
a: In the file preview interface, long press the "Menu" button and the delete option will pop up



B: Use the "UP" or "Down" buttons to select the file you want to operate, and press the "Confirm" button to select it. "□" indicates unselected, "■" indicates selected.



C: After selecting, long press the "Menu" button again to pop up the secondary confirmation menu. At this time, press "Cancel" to return, and press "Confirm" to delete the selected file.



## 8. Wi-Fi Connection

Scan the QR code as below to download the App "Roadcam" to your smart phone to tablet from "Google Play" or from the Apple "App Store".



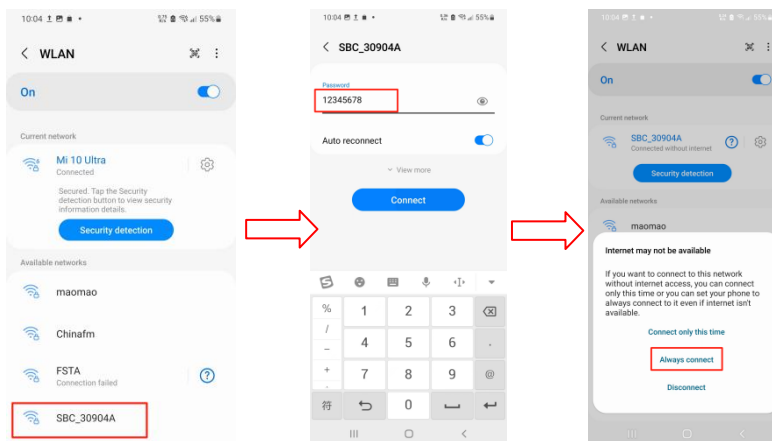
1. Set the camera to the video mode (standby state). (If the camera is under recording, short press "Confirm" to stop the recording.) Press and hold the UP button to turn on the Wi-Fi. The camera screen will display the current Wi-Fi information as below:

Wi-Fi name: SBC\_\*\*\*\*\*

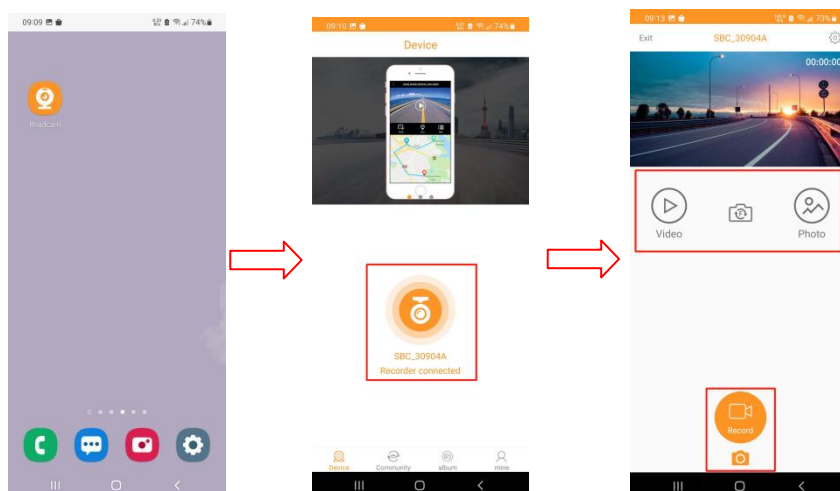
Password: 12345678



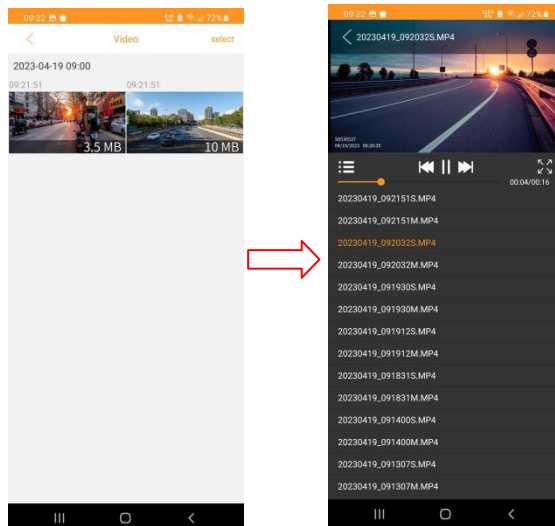
2. Move your mobile device as close to the camera as possible, turn on the phone's Wi-Fi then connect. Go to your phone's Settings > Wi-Fi > select the camera's name then connect. Note: When it is connected to the wireless network, the phone will prompt "No network connection", which is normal. Because the camera Wi-Fi is only used for video/photo transmission functions and cannot be used to play footage through the cloud or the Internet, please ignore the prompt. Please kindly find the details as below:



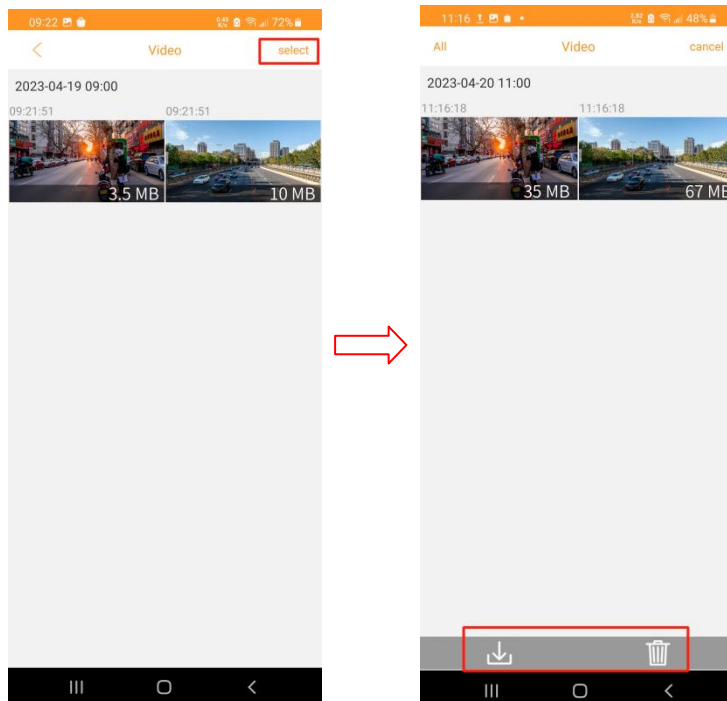
3. After the connection is successful, enter the APP: Roadcam > Enter the currently connected recorder > You can view the device's recorded videos and photos, switch to the rear camera, switch to the photo mode, etc. Please kindly find the details as below:



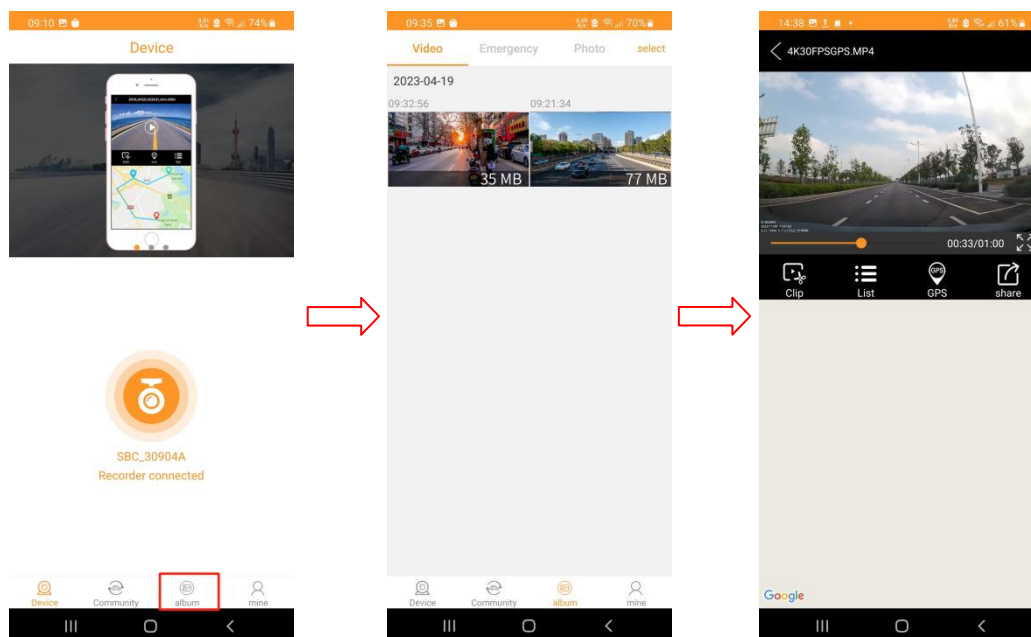
4. You can view the recorded video files or photos on the APP, or download them to your local album for viewing. However, you must first stop recording before entering each menu. Please refer to the following screenshot to enter the video or picture preview interface. In the video preview interface, click the file you want to view to enter the playback mode.



5. You can also click "select", then "Download" and "Delete" menus will pop up, where you can select files to be downloaded to the local album or delete specified files.



6. View the downloaded videos or photos in the local album. When the camera is connected to Wi-Fi, return to the main interface of the APP and enter "Album", then you can view all the files you have downloaded.



## 9. Product specifications

|                                       |  |
|---------------------------------------|--|
| Display screen                        | 3.39" HD LCD   |
| Chipset                               | V39AX  |
| Front lens                            | GC4653   |
| Inside camera lens                    | 3009A  |
| Rear Camera                           | HF-AHD-5050J   |
| Angel                                 | Horizontal 100° , Vertical60°  |
| Video mode                            | Looping Recording  |
| Video format                          | TS   |
| Video compression                     | H.264  |
| Video resolution                      | 4K,2K  |
| Photo Resolution                      | 5M (Default)   |
| Photo format                          | JPG  |
| Wi-Fi                                 | Support  |
| Automatic recording after starting up | Support  |
| G-SENSOR                              | In case of car collision, save the image urgently and it will not be deleted |
| Language                              | English, Chinese, Traditional, Japanese, Korean, Portuguese, German          |
| Microphone                            | Support  |
| Storage Card                          | Micro SD Card  |
| USB Port                              | USB2.0 Type-C  |
| Time lapse                            | Support  |

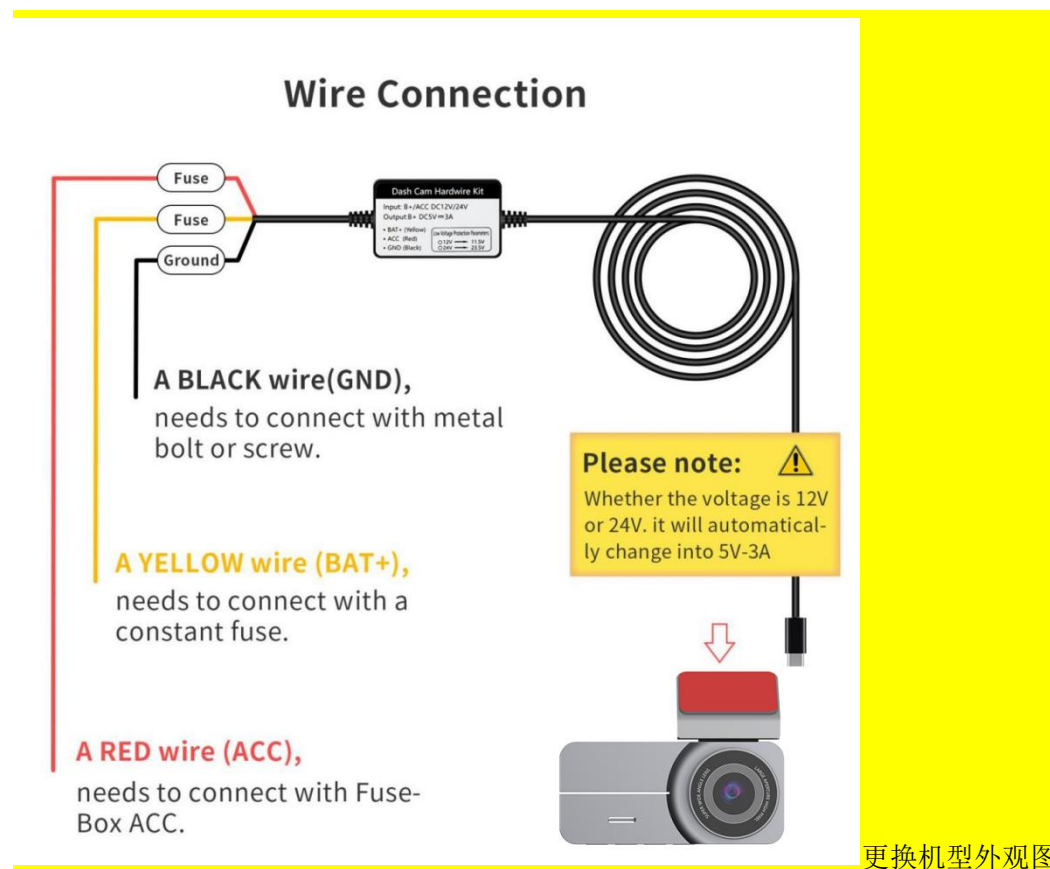
|                     |          |
|---------------------|----------|
| Storage temperature | -30℃~80℃ |
| Working temperature | -20℃~70℃ |
| Operation humidity  | 15-60%RH |
| Working Power       | 5V/2.5A  |

## 10. Buck cable connection method and rear camera wiring diagram

Important statement:

- 1) Remember that the car charger/voltage step-down cable cannot be connected at the same time.
- 2) If you are not familiar with the car circuit, you need to go to the car 4S store and find a professional to install it.

1. Buck cable connection diagram (recommended to be installed by professionals):



2. Rear camera installation instructions:

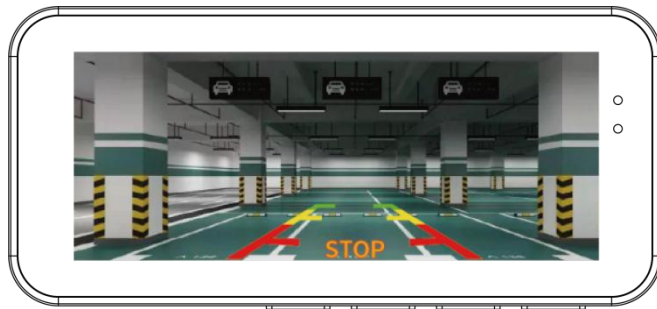


A: Dash cam host location;

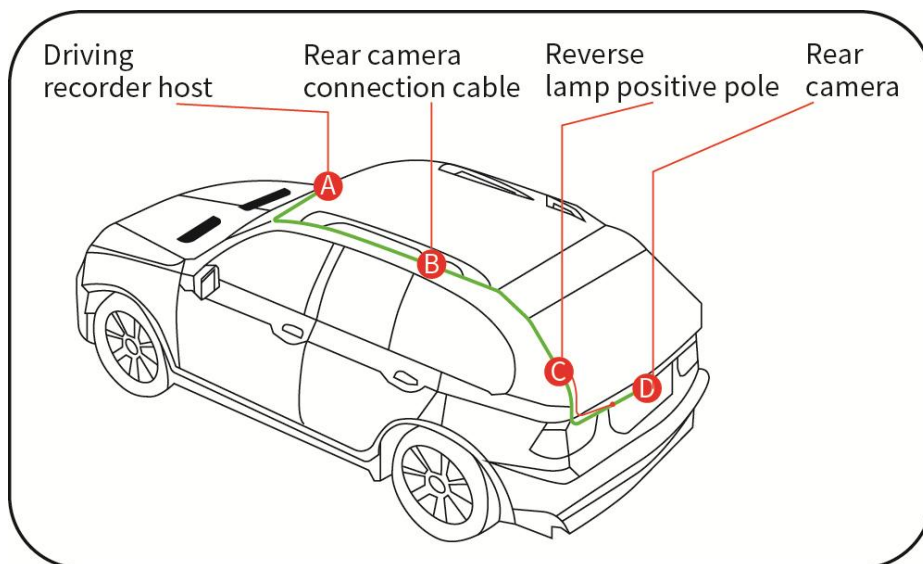
B: Rear camera connection cable (indicated by the green cable, the actual cable is usually black);

C: Dash Cam reversing image trigger line (thin red line), connected to the positive pole of the 12V reversing light.

(After correct wiring, every time the reversing light is on, the dash cam will automatically switch to the full-screen view of the rear camera. When the reversing light is off, it will automatically return to the original interface without menu control.)



D: Rear camera wiring and installation instructions:



## 11. FAQ:

### Q1: Camera turns on/off automatically?

To ensure that the output current can reach 5V/2A, use our car charger. And ensure that the In- car camera and rear camera are connected correctly. To improve stability, the dash cam may automatically restart once after detecting that a different camera is connected. In addition: the dash cam will automatically start recording when it detects that the power is connected, and it will automatically shut down when it detects that the power is disconnected.

|   |
|---|
| <b>Q2: Video image blurry?</b>  |
| Remove the protective lens cap and clean the lens, making sure the windshield is clean and free of grease, dirt and debris.   |
| <b>Q3: Camera getting hot?</b>  |
| It's normal for your camera to run a little warm. Since video is being recorded at high speed, the dash cam may become very hot during use (not to exceed 158° F/70° C).            |
| <b>Q4: My dash cam has no power but will it work on my computer?</b>  |
| Cigarette lighter power cord not working. Check the fuse in the car's power cord plug. If you find a blown fuse, check the power cord for damage that might cause the fuse to blow. |
| <b>Q5: The sound is out of sync with the video during playback?</b>   |
| The codec on your PC may not be compatible or may not be the latest standard.   |
| <b>Q6: My computer can't play video files?</b>  |
| The video files of the dash cam are in TS format. If the appropriate playback software is not installed, it may not be compatible with your PC.                                     |
| <b>Q7: Video has no sound?</b>  |
| Make sure the "Record Audio" setting is turned on in the settings menu.   |
| <b>Q8: Photos blurry?</b>   |
| Make sure the dash cam is still when taking pictures. The minimum focal length range of the dash cam is approximately 2 meters. Anything closer than that may become blurry.        |

## 12.Disclaimer:

Our Company is not responsible for the loss of personal data caused by storage camera failure, life decline and improper use. Please check the storage camera and update the software version in time to avoid losses during use! Drivers are strictly prohibited from operating this product while driving!

Our company has nothing to do with any consequences caused by the driver's illegal operation while driving! Our company does not assume any responsibility for any consequences caused by non-licensed and authorized engineers installing and disassembling the device or disassembling the host by themselves!

This product is a recording instrument for images, sounds and other related information while the vehicle is driving. It is only used as an auxiliary reference in the event of an accident.

The audio recorded by this product is used as a reference. Our company is not responsible for bad files, data loss and other reasons due to abnormal conditions of the camera.

## **FCC Statement**

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.

### **RF Exposure Information**

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.