



Three Channels Dash Cam



——— Instruction ———

Support Email: lazat_20@126.com



Warranty

Dear Customer,

Many thanks for choosing LAMONKE Dash cam, if you have any questions/need upgrade software, please feel free to contact us.

1. Warranty Exemptions

Even during the warranty period, you are not eligible for free replacement under the following circumstances.

- Failure or damage caused by misuse or incorrect maintenance or modification.
- Dropping after purchase may cause malfunction or damage.
- Fires, earthquakes, floods, other natural disasters, malfunctions or damages caused by abnormal voltages, malfunctions or damages caused by installation on vehicles or ships, or failure to provide this manual.
- If there is no customer or the wording in this manual has been rewritten.

2. Guarantee Descriptions

- This product provides a one-year product warranty from the date of purchase.
- If the product fails during normal use according to the instructions in the instruction manual, label, etc., during the warranty period, the seller will replace the product free of charge based on the content of this manual.
- Please note that this product may infringe privacy and other rights depending on how it is used. In addition, please do not use it for pranks or other purposes. For these situations, we do not assume any responsibility.
- Please contact your dealer to replace and repair parts and purchase parts.

*The personal information described in this warranty can only be used for product warranty.

*According to our warranty policy, this warranty guarantees free replacement and does not limit your legal rights.

*This document is only valid in the purchased store.

*This manual will not be reissued, so please keep it in a safe place.

3. Contact Details

If there is any problem during use, you can contact us via [Amazon order](#) or support email: [support email: lazat_20@126.com](mailto:lazat_20@126.com), with the information below:

- ① Customer name:
(Order History→Product→Display Order Details→Publisher)
- ② Product name/model:
- ③ Order number:
- ④ ASIN:
- ⑤ Inquiry content:

We will solve your issue in 24 hours.



Dash Camera Recorder Function Guide

1.Precautions

1.1Precautions for Use

- Do not operate the unit while driving in accordance with local laws and vehicle safety considerations.
- Before use, please set the time and date correctly.
- The safe driving function is used for reference. Follow the actual road conditions.
- The unit is for in-vehicle use only. We are not responsible for any data loss that occurs while using this unit and the attached software.
- During use, it is normal when the unit gets hot.
- Improper use or operation of this unit may cause damage to this unit or its accessories which is not covered by the warranty.
- Never disassemble by the user.
- Do not apply strong force or impact to the unit.
- Do not block the ventilation holes of this unit or put anything in it.
- To extend the service life, do not leave the unit in a high-temperature environment.
- This unit does not guarantee video recording in all situations.
- The shooting range is limited. Please confirm the recorded images before using this unit.
- The main body is equipped with a small capacity battery(the battery lasts about a few minutes), it basically needs a power supply environment. The power may turn off immediately after unplugging the cable, but this is not a product malfunction.

* Batteries are not installed in the rear view camera and rear cable. Power is supplied via the front camera.

1.2Precautions for Installation

- Install this unit near the rear-view mirror so that you can maximum record the wide-angle landscape.
- Do not block the driver's sight when installing the drive recorder.
- Do not touch the lens with your fingers. The oil on your fingers will remain on the lens and cause unclear video/still images. Clean the lens regularly.
- Do not install this unit on glass with color film. The color film may be damaged.
- This unit is suitable for bright windshields or light-colored heat-resistant film glass. The video image quality will deteriorate if you installed the unit on dark glass or dark heat-resistant film glass.
- Use the supplied power supply only. Other brands of power supply use may cause the unit to burn or the battery to explode.
- Do not pull strongly on the unit and cord when cleaning the front window glass.
- The unit is powered by the cigar socket when in the car. When viewing or setting video outside the car, please power it by using the included USB cable and a USB-AC adapter with a maximum



output of 5V/2A all the time. When the unit is powered by the personal computer, the data display will be recognized and you will not be able to perform operations such as data playback and settings on the main unit.

* If you use the USB port installed on some car models, you may not be able to record because it will be recognized as a PC connection even if the car is powered.

1.3 Precautions for micro SD Card Use

- This unit records images in front of or behind the vehicle and saves them on the U3 (micro SD) card of this unit.

- When first use the drive recorder, be sure to insert the U3 (micro SD) card.

- Use a U3 (micro SD) card with a high mass of 10-Class or higher to save high-quality recordings.

- * The micro SD card cannot be used because it is not recognized unless it is class 10 or higher.

- * Class 4 is not recognized, so please check.

- Please turn off the power before inserting or removing the U3 (micro SD) card. If insert or remove the card when the power is on, the micro SD card and data may be damaged.

- Format the micro SD card when first use.

- Format the U3 (micro SD) card regularly.

- If the screen does not appear, there may be a sandstorm, no power, or screen freezes, please remove the card to check. If there is a problem on the card side, it may affect the camera LCD screen. Please try with another card. Also, please try using the included car charger. Other companies' products cannot be used.

- If you find that the dash cam freezes during use, please turn off it, then replace a new U3 micro SD card and press the reset button. The dash cam has 3 cameras to record and store data into the SD card simultaneously. So a card that does not meet the specifications(U3, 32-128GB) will cause the dash cam to crash.

- Since every U3 micro SD card has a limited service life, the dash cam may be crashed when using one U3 micro SD card for long time. Please replace a new U3 micro SD card once the dash cam freezes.

- When shooting the LED signal, the signal may flicker. This is due to the number of saved frames, not a problem with the product.

It can be improved by changing the power band. Depending on the model of the device, radio wave interference may occur, but this is not a malfunction of the product.

- It may be improved by changing the position of the camera or slightly rotating the cigar socket.

Also, please note that the front and back of the file may be slightly cut off by splitting the file.

- * File data taken with this product can be used as reference material in the event of an accident. We do not guarantee the effectiveness as evidence of an accident.

- * If "Format card" is displayed during the first use or during use, format the micro SD card when not recording.

- * We recommend you use a new U3 micro SD card or format it on PC first before inserting it into the dashcam. If the SD card has saved the software files, it may damage the dashcam and can not turn on the dashcam.



Follow the steps below to format the card.

- 1.Short-press M button to enter the main setting menu.
- 2.Short-press the M button again to enter the function setting screen.
- 3.Press the ▼ button to select [Format],choose [Confirm] and press the OK button.
- 4.Press the “M” button to exit the menu.

If [Please Format] is always displayed, there may be two reasons:

The first reason is the Motion Detection and Gravity Sensor settings.

The files that recorded by the motion detection function and the gravity sensor function are protected files and will not be deleted by the automatic overwrite function.

Therefore, when this function is turned on, the files recorded there will occupy the remaining capacity in the U3 (micro SD) card.

If the data fills up the U3 (micro SD) card, it will not be able to record normally.

By formatting the U3 (micro SD) card, you will be able to record again.

To avoid the above situation, we do not recommend that you use motion detection and gravity sensing.Or set it to "Medium" or "Low" instead of "High".

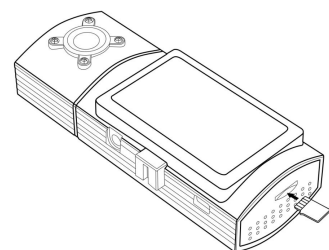
The second reason is the Loop Recording setting.

The loop recording is set to OFF / 1 minute / 3 minutes / 5 minutes, but if it is set to OFF, the auto overwrite function will not work. Therefore, if the U3 (micro SD) card is full, [Format] Please will be displayed.).

Also, if the device cannot be formatted, it must be reset on the computer.

Insert a micro SD card

Insert the micro SD card with the gold terminal facing the display side of the unit, and then press the micro SD card until it clicks into the designated position.



Remove a micro SD card

When you push in the micro SD card, the card will come out of the slot.



2.Product Descriptions

2.1Product Structure



Button	Button Function Description
①Rear view camera interface	Connect the rear view camera
②USB data interface	①used to connect to PC to transfer data; ②used to connect an external power supply to charge the battery or provide working power
③Mounting slot	Connect the mounting suction cup bracket
④Micro SD card slot	Inserting the micro SD Card
⑤RESET hole	Use this hole to restart the machine
⑥Mode selection button/Menu button	Long press this button to switch between video/photo/playback; Short press to enter the main menu setting/leave setting page
⑦Up selection button	In the menu options, select the function key up; In the LCD display, switch the image display mode; In the playback mode, long press to switch the camera files.
⑧Switch button	Long press to turn on/off the dash cam; Short press to turn on/off the screen saver function
⑨Down selection button	In the menu options, select the function key down; In the LCD display, short press to turn on/off the Audio function; Long press to turn on/off the infrared night vision function
⑩OK button Confirm button in menu setting	In video mode, press this button to start/stop recording; In picture mode, short press this button to take photos; In playback mode, short press to start/stop playing



⑪ LCD screen	Image display
⑫ Infrared fill light	Enhance the night vision, but the color in the car will slightly change when it's on
⑬ In-car camera lens	1080P, recording the status inside the car
⑭ LED indicator	Show the dash cam working/charging status
⑮ Microphone	
⑯ mounting suction cup	Install the dash cam onto the windshield
⑰ Rear view camera	Recording the status behind the car
⑱ Red wire	Reversing aid, connect with the power supply of reversing lamp

2.2Packaging Compositions



Dash Cam X1



Rear View Camera X1



Car Charger X1



Suction Cup X1



Mounting Screws X2



micro SD card X1

2.3Product Specifications

Product Name	Three Channels Dash Cam
Color :	Customization
Power Interface	5V /2A Car charger, 12V Cigarette lighter socket
On-board Switch Machine:	Support car ignition turn on/off, Manual turn on/off
Display:	FHD Display, 2 Inches
Lens:	170 degrees A+ level high resolution ultra-wide Angle lens
Resolution:	1080P FHD(Default)/720P
Languages	Russian,Japanese,French,Italian,German,Spanish,English(Default)
Storage Card:	U3(32-128GB)
Current Frequency	50HZ/60HZ(Default)
Photo Format:	JPEG
Video Format	PAL/NTSC
Recording Video Format:	H.264



File Format:	MOV/AVI
Loop Recording:	OFF/1 Minute/3 Minutes/(Default)/5 Minutes
Motion Detection:	ON/OFF(Default),2m
Gravity Sensor	OFF/Low(Default)/Medium/High
Parking Guard	ON/OFF(Default)
Screen Saver	OFF (Default)/1 Minute/3 Minutes
Red Lamp Setting	ON/OFF(Default)
Year Month Day Minute:	Support
Timestamp	ON(Default)/OFF
Audio:	ON(Default)/OFF
WDR:	ON/OFF(Default)
Exposure	0(Default),-3~+3
Format/Default Setting	Support
Saved File	Delete/Protect/Slideshow



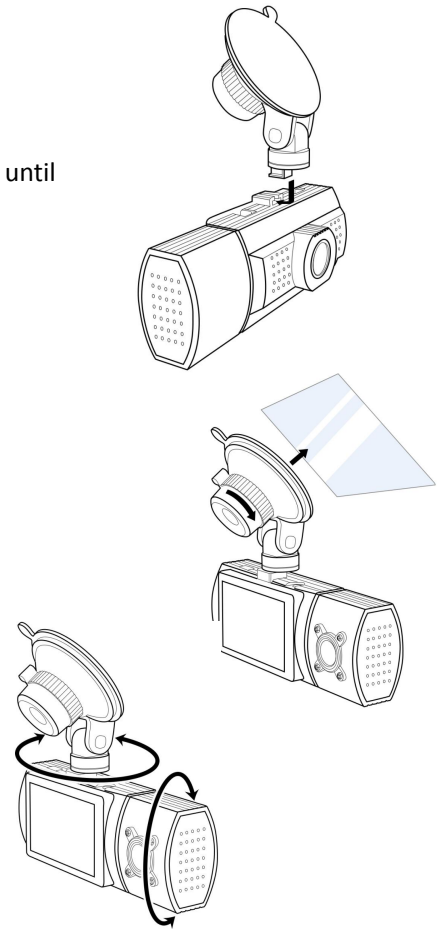
3. Installations

3.1 Installation of The Front Camera

1. Place the bracket on the bracket slot on the top of the unit and attach it until you hear a click.
2. Before installing the bracket, please remove the dirt on the slats and the suction cups on the bracket.
3. Push the suction cup parallel to the windshield and attach it.
4. With the bracket head knob on the windshield, turn the suction cup firmly until it is pressed down to ensure that the bracket is fixed in place.
5. Loosen the knob and adjust the position of the unit.
6. Tighten the knob to ensure that the machine will be in the designated position.

※**Note:**

- Do not install this unit on glass with a color film attached. The color film may be damaged.
- Install the front camera within 20% of the top of the windshield.



3.2 Installation of The Rear View Camera

Peel off the protective film on the white side of the rear view camera mounting sticker and attach it to the rear view camera bracket.

- Batteries are not installed in the rear view camera and rear view camera cable. Power is supplied by the front camera. It can be chosen to install or not install the dash cam.
- For better use, please make sure the rear view camera is well connected with the interface of the front dash cam. Otherwise, the rear view dash cam will not work or cause file damage.
- The rear view camera is not 100% waterproof, so do not install it outside the vehicle.
- Before installing the rear view camera, please check the rear view camera image with the front camera so that it is not installed upside down.
- Use the attached rear view camera mounting screws as needed. It is the customer's responsibility to install the rear view camera with the mounting screws. We are not responsible for any damage or damage to the car caused by the installation.
- The red wire of the rear camera is used to connect with the power supply of reversing lamp. It will display the guideline on the dash cam LCD screen when you reverse the car.
- Since the cable length of the rear view dash cam is fixed, it can meet most family car models but it is not suited for large vehicles, eg: trucks. The car lighter socket is 12V.

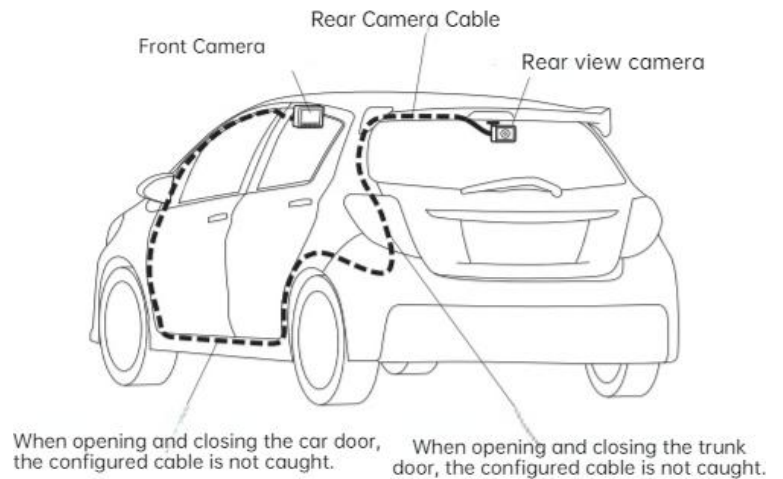


3.3 Installation Drawing

Please check the operation of the camera before installing the cable.

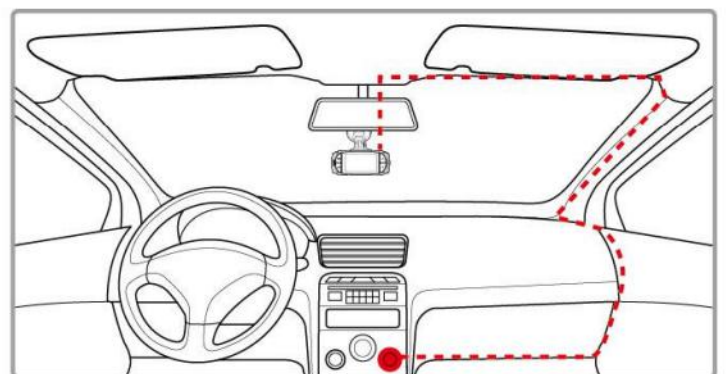
* Connection notes

- Make sure that the connectors and terminals are connected firmly.
- Hold the connector body and remove the connector without pulling the lead wire.
- Tie the wiring harness and wires to the vehicle wiring harness.
- Install a cover around the work area to prevent the vehicle from getting dirty or being scratched.
- The wiring method is determined by the customer. Please install it according to your car. The figure is just an example of the cable routing on the back.
- If the installation is carried out by a professional contractor, even if there is a problem with the product, we will not be responsible for the costs incurred. Please note that it will not be supported.



3.4 Connection of The Power Supply

- When starting the engine, the power will be turned on automatically.
 - To turn it on manually, long-press the switch button.
- * If you start the engine with a micro SD card inserted, the recording will start automatically, but not immediately. If the red icon on the top left of the screen flashes, it means that the recording has been started without any problems.
- Some operations will not be possible when the recording function is on, so please stop recording once before every setting.
 - Please use the supplied accessories for the power supply, as this may cause malfunctions such as freezing. In addition, the design assumption of using this product is to plug it into the cigar socket directly. If you use a cigar socket branch adapter to supply power at the same time as other devices, the power supply may be insufficient, and the restart may be repeated.
 - The standard power consumption of this product is 10W (5V 2A).
- * Install this device near the rear view mirror and in the center of the windshield to get the best view.



4.Operations

4.1Power On/Off The Device

4.1.1 Automatic Power On / Off

When the car engine turns on/off, the unit turns on/off automatically.

* Automatic power on / off assumes that the power supply is connected to the cigarette lighter socket.

*The dash cam will display the red&blue indicator lights when charging and working.

* When the micro SD card is not inserted,the dash cam will not start recording automatically but display the message: "Please insert SD card".

4.1.2 Manual Power On / Off

Manual turn on/off the dash cam, please press and hold the switch button for about 5 seconds, the blue indicator light will be on/off when it is not being charged.

*Manual turn on the dash cam, it will not start recording automatically when it is not being charged.

*Manual turn off the dash cam, it will display the red indicator light when charging.

Note: When the battery is low, the video recorder will prompt that the battery voltage is low and then automatically shut down.

4.1.3 Reset

If this unit causes an error, please try resetting it.

To reset, press and hold the Reset button hole with a toothpick for at least 5 seconds. Then turn the power off and then on again.

Note: If the reset is not work, please contact us immediately.

4.1.4 Dash Cam Charging Instructions

There are 2 ways to charge the dash cam, the red charging indicator will light up during the charging process, the whole charging time is about 180 minutes, the red charging indicator will automatically turn off after charging.

- 1.Use the power adapter to charge
- 2.Use the on-board power supply to charge

Note: when the machine is shut down due to improper operation of the product, you can disconnect the power supply, remove the micro SD card, then press the reset button before starting the machine, and it will be back to normal.

4.2Initial Setting

Set the date/time/language when using this unit. The automatic recording function is enabled from the factory. After making the initial settings and moving to the recording standby screen, recording will start automatically. To stop recording, press the back button.



4.3Date/Time Setting

Follow the steps below Please.

- 1.Short press the M button to enter the main menu.
 - 2.Short-press the M button again to enter the function setting screen.
 - 3.Press the $\triangle$ / ∇ buttons to select [Date / Time] and press the OK button.
 - 4.Press the $\triangle$ / ∇ button to adjust the value, and then press the OK button to move to another item.
 - 5.Repeat step 4 until you have set the date and time.
- Finally, press the OK button to confirm the settings.
- 6.Short press the M button to exit the menu.

Note:

If you have not used this product for a long time, the date/time may be reset or changed. In this case, please reset.

* Be sure to reset the date and time once a month.

4.4Language Setting

- 1.Short press the M button to enter the main menu.
- 2.Short press the M key again to enter the function setting screen.
- 3.Press the $\triangle$ / ∇ button, select [Language], and then press the OK button.
- 4.Press the $\triangle$ / ∇ button to select the desired language, and then press the OK button.
- 5.Short press the M button to exit the menu.

4.5Menu Setting

- 1.Short press the M button to enter the video setting page.
- 2.At this time, the field of "Video Icon" is the blue background.
- 3.Short press the M button to exit the setting state.
- 4.In the setting item called up, you can select toggle up and down in the setting sub-item by pressing the $\triangle$ / ∇ button , and press OK to enter the setting sub-item.

4.6Delete / Protect / Slideshow files

- 1.Long-press the M button to switch to playback mode.
- 2.Short press the M button to display the Delete / Protect / Slideshow optional page.
- 3.Press the the $\triangle$ / ∇ buttons to select operation page.
- 4.Press the OK button. Select and save the option: Delete Current / Delete All / Lock One / Unlock One / Lock All / Unlock All / 2 Seconds / 5 Seconds / 8 Seconds.
- 5.Short press the M button to exit the menu.
- 6.In playback mode screen:
 - * Short press the $\triangle$ / ∇ buttons to switch the files in one same camera.
 - * Long press the $\triangle$ button to switch the files taken by front dash cam→In-car dash cam → rear view dash cam

Note: Deleted files cannot be restored. Be sure to back up the necessary files.



5.Switching Mode Display

The video mode will be displayed when turning on the unit.

Long press the M button to switch in the order of video mode → camera mode → playback mode.

Short press the M button on each mode screen to enter the main menu setting page.

Short press the ▽ buttons to turn on/off the the infrared night vision function of in-car dash cam.

5.1Video Mode

Shoots a video.

When you turn on the power of the dash cam, the video mode is displayed. The shooting icon is displayed on the upper left of the monitor. Press the OK button to start/end recording.

*Short press the △ button to switch the 7 video image displays, but 3 camera lens still record the situations simultaneously.

5.2Camera Mode

Take a picture.

Long press the M button to switch to camera mode. The camera icon is displayed on the upper left of the display. You can press the OK button to shoot.

The camera icon in the upper left corner flashes once, and the shooting is complete.

*Short press the △ button to switch the 3 camera image displays, but 3 camera lens still take picture simultaneously.

5.3Playback Mode

Plays the captured file on dash cam

Long Press the M button to switch to playback mode. The play icon is displayed in the upper left corner of the display. Use the △ / ▽ button to select the file, and then press the OK button to start/ stop playing the files on the front camera.

*In the playback mode interface, long press the △ button for about 5 seconds to switch to the files captured by the in-car dash cam → rear view dash cam

Plays the captured file on PC

1.USB cable connection

Turn on the dash cam, use the USB cable to connect the dash cam with the PC interface. The PC will automatically pop up the USB menu. Open the USB menu → DCIM Folder→1,2,3 Folders (1→files of front dashcam; 2→files of in-car dashcam;3→files of rear view dashcam)

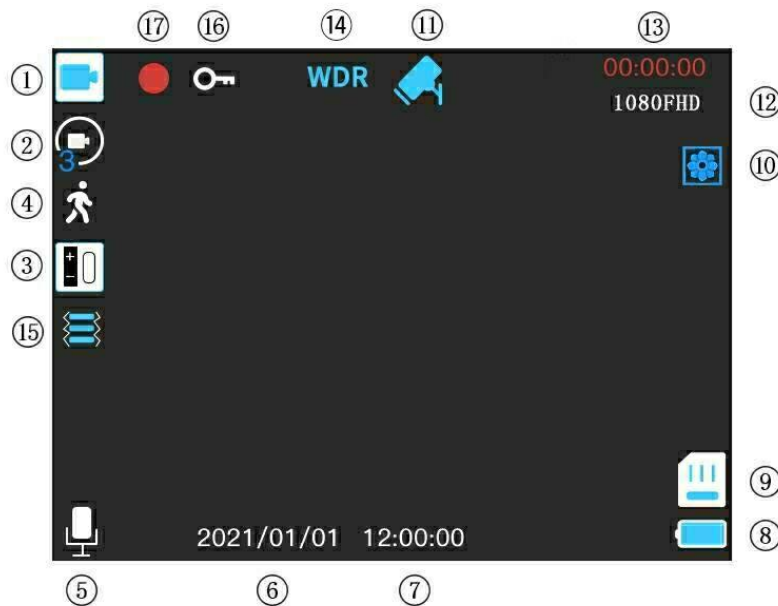
2.SD card reader

Take out the U3 micro SD card from the dash cam and insert it into the SD card reader. Use the car reader to view the files on PC.

Note: The USB cable/ SD card reader are not included in the package.



5.5 Video Mode Screen Icon Descriptions



- ① Indicates the current screen is in video mode.
 - ② Displayed when loop recording is enabled. No icon is displayed when disabled.
The number is the currently set file division unit (minutes).
 - ③ Indicates the currently set exposure. +3 to -3 depending on the setting is displayed.
 - ④ Indicates the motion detection function is enabled. No icon is displayed when disabled.
 - ⑤ Indicates the audio recording is enabled. Add X mark on this icon when disabled.
 - ⑥ Indicates the current date.
 - ⑦ Indicates the current time.
 - ⑧ Indicates the power is being supplied by built-in battery and display the remaining battery amount. Flash the plug icon when charging.
* The maximum remaining capacity is only a few minutes.
 - ⑨ Indicates the SD card is inserted. If the SD card is not inserted or recognized, display the **INT** icon.
 - ⑩ Indicates the night mode is enabled. No icon is displayed when disabled
 - ⑪ Indicates the parking mode is enabled.No icon is displayed when disabled
 - ⑫ Indicates the currently resolution setting.
 - ⑬ Displays the elapsed time of the file currently being recorded.
 - ⑭ Indicates the WDR function is enabled. No icon is displayed when disabled.
 - ⑮ Indicates the G sensor is enabled. The low level has one horizontal line, the middle level has two horizontal lines, and the high level has three horizontal lines. No icon is displayed when disabled.
 - ⑯ Indicates the record file is being locked.
 - ⑰ Indicates the dash cam is recording,blinks during recording.
- * The icon display may vary depending on the production batch.

6.Troubleshooting

Under normal operating conditions, if the product appears a problem, please refer to the methods to solve:

●Can't take pictures or video

Check if the U3 card has enough space and if it is locked.

Turn on the loop recording function. Turn off the motion detection and set the gravity sensor as "Low" mode.

●Automatically turn on and start recording.

When the parking mode is turned on, the dash cam will may turn on and start recording due to severe vibration. Please turn off the parking mode at this time. And we also suggest you turn off the parking guard functions when driving.

●The rear view camera cannot be recognized

Please plug in and pull out the special plug for the rear view camera. If the camera still not work, please contact us.

●The power turns off immediately

Although equipped with batteries, but the capacity is small (the battery lasts about a few minutes), so basically a power supply environment is required. The power may turn off immediately after unplugging the cable, but this is not a product malfunction.

* The battery is not installed in the rear view camera. Powered by the front camera. There may be poor contact with the car charger. Is the car charger light on? Make sure that the cigar socket side and the host input port side are fully inserted.

●When recording, it will stop automatically

Due to a large amount of HD video data, please use a high-speed U3 micro SD card compatible with SDHC.

Please make sure the loop recording function is on, if not, turn on the loop recording.

Please make sure the power supply is well connected, if not connect it.

●When replaying pictures and videos, a "file error" prompt appears

There was an error when the micro SD card was storing the data, and the file was incomplete.

Please use the camera "Format" function to reformat the SD card.

●The image taken is foggy/has a red spot

Please check the lens for dirt and fingerprints, use lens paper to wipe the lens before shooting.

Please make sure you have peel off the front camera lens film. If it is not work, reset the dash cam.

●When shooting the sky, water, etc., the image is very dark

In large contrast scenes, the automatic exposure function of the camera will be affected, which can be corrected by adjusting the "EV" value in the machine Settings menu.

●On cloudy days, indoor light, color performance is not perfect

Please check whether the "white balance" function of the machine is set to automatic.

●There are horizontal stripes in the image

This is caused by setting the wrong "light source frequency". Please set it to "50Hz" or "60Hz" according to the local power supply frequency.

●Crash

After the machine is down, take out the SD card, then manual turn on the dash cam. If the dash cam can not be started, please short press the reset button to resume and restart.

