

POFOTO

R2

Dual Dash Cam

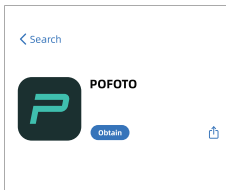
User Manual

POFOTO Care+ Program

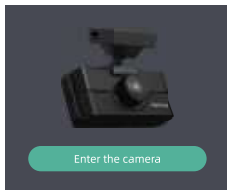
POFOTO offers "POFOTO Care+" service to new users. If you are a first-time buyer of our product, you can extend your warranty from 12 months to **24 months** and enjoy a **60-day** free return and exchange service.

Please follow the steps below to extend the warranty.

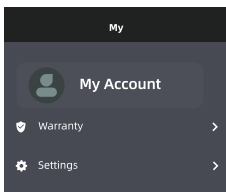
1. Download the "Pofoto Cam" app.



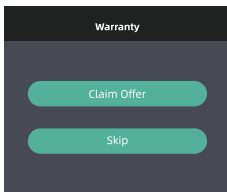
2. Connect your dash cam via the app.



3. Find "My" and click on "Warranty".



4. Click on "Claim Offer".



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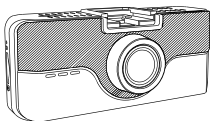


I. Attention

- Please do not press the lens hard.
- Please do not poke the host and accessories with sharp objects such as cones.
- During the shutdown process, please do not immediately remove the memory card to avoid file damage.
- U3 Class10, 32GB or more memory card is recommended. (Maximum support 256GB)
- Before using the memory card for the first time, please make sure to format the memory card on the host computer to ensure the stability of the card reading and writing.
- Please do not power off during the system upgrade! To avoid failure to boot up and other situations!

2. Product Overview

2.1 Package Contents



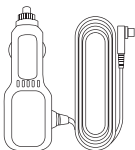
R2 2K front camera*1



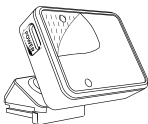
R2 1080P
rear camera*1
3M adhesive*1



Rear camera
connection cable
(length 23ft)*1



Car charging cable
(length 13ft)*1



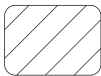
GPS host bracket*1
3M adhesive*1



Car wire
organizing tool*1



Electrostatic sticker*1



3M adhesive*2



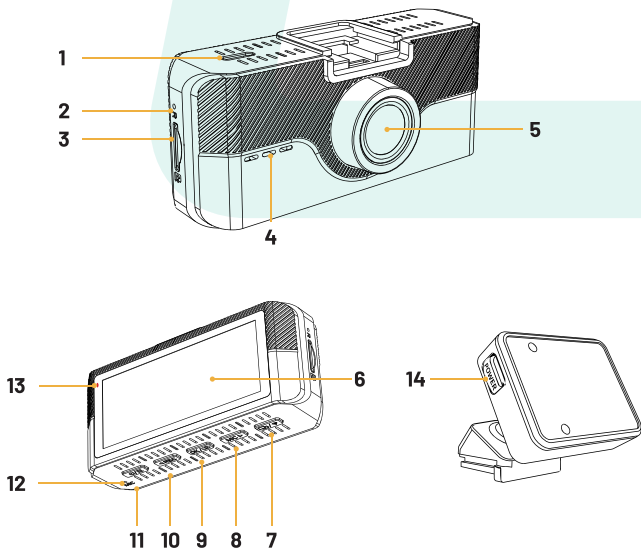
Instruction manual*1

Note:

Please check the contents of the package after receiving it to ensure that everything is complete. If there are any issues, please contact us.

Support email: help@pofotovip.com

2.2 Product Diagram



1. Rear lens connection cable interface	8. Down button
2. Reset button	9. OK button
3. Memory card slot	10. Up button
4. Speaker	11. Power button
5. Lens	12. Microphone
6. Screen	13. Working indicator
7. Mode Key	14. Power Interface

2.3 Product Specifications

Model	R2
Main lens aperture	F1.6
Operating memory	2GB
Video Resolution	Single lens: 1440P@30/60fps 1080P@30/60fps 1600P@30fps Dual lens: 1440P@30/60fps+1080P@30fps 1080P@30/60fps+1080P@30fps 1600P@30fps+1080P@30fps
Sensor	Sony IMX335 (5.0 Mega Pixel)
Processor	NTK96670
Lens Angle	Front lens 140° Rear lens 150°
Screen Size	3.16 inches
Video Format	MP4
Photo Format	JPEG
USB Port	Type-C USB
Memory Card	32G to 256G U3 class 10 SD card
Power	USB 5V/1.5A
Operating Temperature	-4°F-140°F/ -20°C- 60°C
Storage Temperature	-4°F-158°F/ -20°C- 70°C
Dimension	95mm x 40mm x 36mm
Weight	88g
Main Function	HDR, WDR, Support WIFI, GPS, Night Vision, Parking Monitoring, Loop Recording, Emergency Recording, Super capacitor

3. Welcome to use POFOTO R2 Dash Cam

Thank you for purchasing "POFOTO R2" dash cam, if you encounter problems in using it, please contact our after-sales team (help@pofotovip.com) in time, we will have professional staff waiting for you here for 7/24 hours.

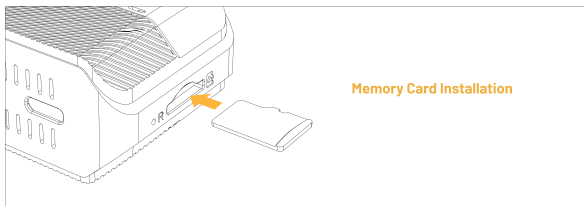
3.1 Power On/Off

This machine has no built-in battery. When the power is connected, the dash cam will automatically turn on, and automatically turn off when the power is off.

- ① In the off state (has been connected to the power supply), tap the power button "Ⓢ", you can manually make the dash cam on.

In the power on state, long press the host power button "Ⓢ", can manually make the logger shutdown; tap the host power button "Ⓢ", can make the logger turn off/open the screen.

- ② Insert the SD card- With it turned off, insert the SD card into the SD card slot with the metal side down. You can use your fingernail to press the card into the slot and eject the card.



NOTE: You will need a micro SD card (not included in the package) to save your videos and photos. U3 Class 10 SD™ cards (supporting 32-256GB) are recommended otherwise your camera may malfunction.

- ③ Wiring Setup- Use the included charging cable to connect the camera to the cigarette lighter. (Please refer to page 3 for the installation dash cam)

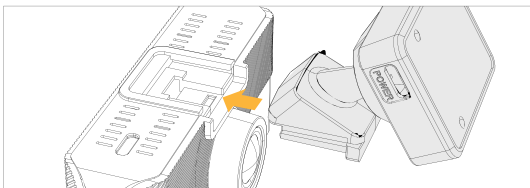
3.2 Installation & Use

Warm Tips: Please check the following items before installation

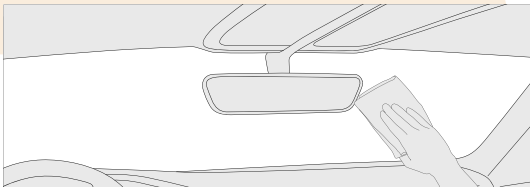
- ① Check whether the GPS module is installed on the camera.
- ② Check whether the GPS module can supply power normally.
- ③ Please tear off all the protective films on the two camera lenses before use.
- ④ Check whether the car charger and rear camera cable can supply power normally.
- ⑤ Please set the functions you need to enable in the system before installation.

· Mounting steps

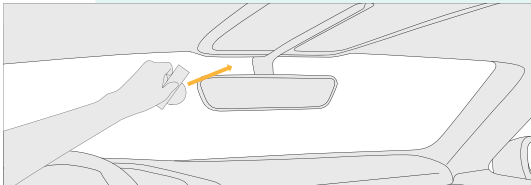
1. Attach the camera to the bracket connector. Push it in until it clicks.



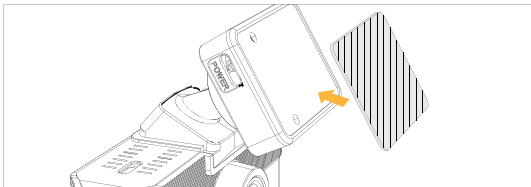
2. Clean the windshield thoroughly with water or alcohol and wipe it clean with a dry cloth.



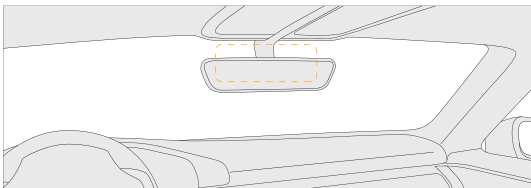
3. Place the electrostatic sticker on top of the windshield and press it down to make sure it sticks firmly.



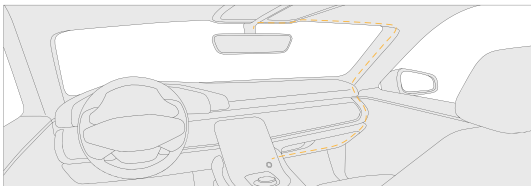
4. Peel off the 3M adhesive, stick on the bottom of the car camera.



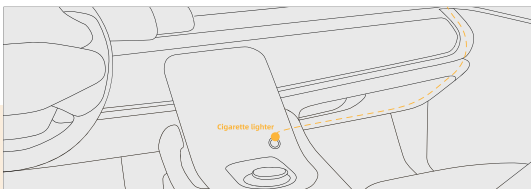
5. Stick the car dash cam on the electrostatic sticker (dotted line position), make sure firmly stick.



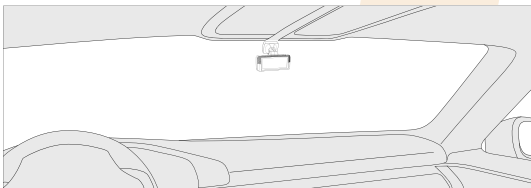
6. Carefully wrap the power cord around the windshield and tuck it under the trim using a car wire organizer.



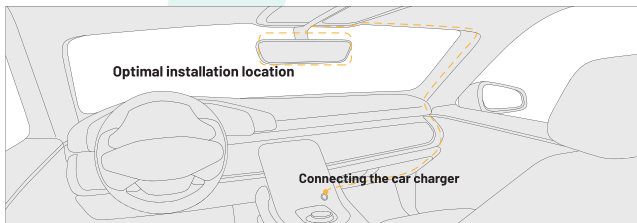
7. Plug the car charger into the cigarette lighter and start the car.



8. The camera will automatically turn on and start recording.



3.3 Vehicle Installation Location



Warm Tips.

- Do not install in an area that interferes with the driver's view or safety.
- As far as possible, install it near the rearview mirror in the car, where the image vision is better.
- Lens shooting position in the wiper cleaning area, to ensure that the rainy day can be clearly photographed.
- Do not install in the car airbag activity range.
- Do not install on the car insulation paper, so as not to damage the car insulation paper.
- Installation location should not be affected by the car insulation paper, or any interfering electronic products around.

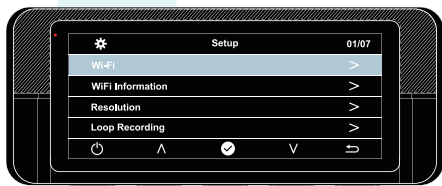
3.4 Buttons and Icons

· Main interface



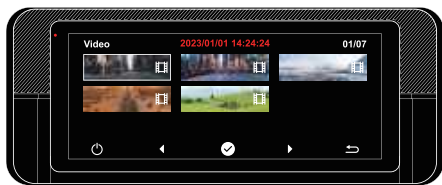
Icon illustration	Function Description	
	Long press: On/Off	Short press: Enter menu settings
	Long press: View recording video	Short press: Video lock
	Long press: No Function	Short press: Open/stop recording video
	Video state: Take photos	Non-video state: Turn on/off mic
	Long press: Open WiFi	Short press: Turn off the screen

· Menu setting interface



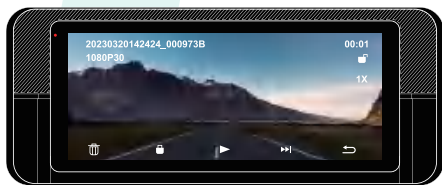
Icon illustration	Function Description	
	Long press: On/Off	Short press: No Function
	Long press: No Function	Short press: Up-scroll
	Long press: No Function	Short press: OK
	Long press: No Function	Short press: Downward flip
	Long press: No Function	Short press: Back

· Photo/video preview interface



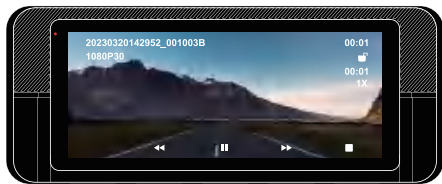
Icon illustration	Function Description	
	Long press: On/ Off	Short press: No Function
	Long press: No Function	Short press: Scroll up
	Long press: No Function	Short press: OK
	Long press: No Function	Short press: Down
	Long press: No Function	Short press: Back

· Video view interface



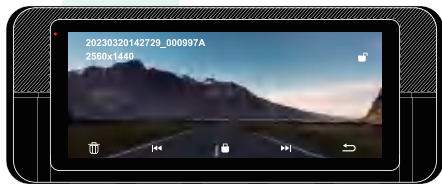
Icon illustration	Function Description	
	Long press: No Function	Short press: Delete
	Long press: No Function	Short press: Add Lock
	Long press: No Function	Short press: Play
	Long press: No Function	Short press: Scroll down
	Long press: No Function	Short press: Back

· Video playback interface



Icon illustration	Function Description	
⏮	Long press: No Function	Short press: Fast back
⏸	Long press: No Function	Short press: Play/Pause
⏭	Long press: No Function	Short press: Fast Forward
⏹	Long press: No Function	Short press: Back

• Picture view interface



Icon illustration	Function Description	
	Long press: No Function	Short press: Delete
	Long press: No Function	Short press: Previous
	Long press: No Function	Short press: Lock/Unlock
	Long press: No Function	Short press: Next
	Long press: No Function	Short press: Back

· WiFi open interface

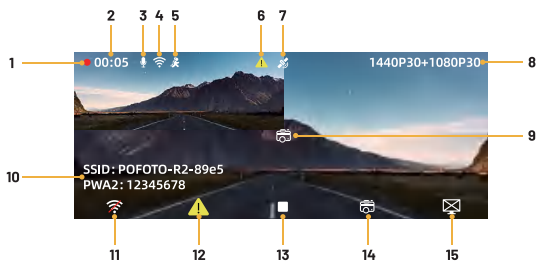


Icon illustration	Function Description	
	Long press: No Function	Short press: Turn off WiFi
	Long press: No Function	Short press: Video locking
	Long press: No Function	Short press: Start/Pause recording
	Long press: No Function	Short press: Take a photo
	Long press: No Function	Short press: Screen off

Indicator light

Indicator color	Status	Function Description
Green Light	Extinguished	System Off
	Constant Light	Non-recording mode
	Blinking	Recording Status

Screen illustration



1. Recording Status	9. Photo Taken
2. Recording Time	10. WiFi Information
3. Microphone Off	11. WiFi off
4. WiFi On	12. Open/Close Emergency Recording
5. Motion Detection	13. Start/Stop Recording
6. Emergency Recording	14. Take Photos
7. GPS	15. Switch Screen Display
8. Resolution	

3.5 System Setting

◇ WiFi

Set whether to open WiFi network

◇ WiFi Information

Check WiFi name and password

◇ Resolution

Set the resolution of recorded images

Single Lens: 1600P@30fps、1440P@60fps、1440P@30fps、1080P@60fps、1080P@30fps

Dual Lens: 1600P@30fps+1080P@30fps、1440P@60fps+1080P@30fps、

1440P@30fps+1080P@30fps、1080P@60fps+1080P@30fps、1080P@30fps+1080P@30fps

◇ Loop Recording

Set the recording duration of each video. Selectable: 1, 2, 3, 5 minutes.

◇ Display Mode

Set the content displayed in the host screen: Front Camera, Back Camera, Rear Overlaid, Front Overlaid

◇ Screen Saver

Set the time for the screen to turn off automatically. Selectable: 30 seconds, 1 minute, off

◇ Rear Camera Mirror

Set whether the mirror screen is displayed after recording, and you can choose to turn off/on.

◇ Date/Time

Set the date/time and date format.

◇ GPS

Set GPS on and off, set speed display on and off and unit selection

◇ Time Zone

Select the time zone displayed by the camera

◇ G-Sensor

Set the sensitivity of the G-Sensor. Selectable: Low, Medium, High sensitivity, off.

◇ Parking Monitor

Enter parking monitor mode setting

◇ Movie Imprint

Turn on or off the video imprint

◇ Recording Audio

Set whether to record sound at the same time when recording.

◇ Volume

Set the volume of key tone, system volume and playback volume.

◇ HDR

Turn on or off the High-Dynamic Range

◇ EV

The EV value can be mediated to get better recording effect under different light. Selectable: +2.0, +5/3, +4/3, +1.0, +2/3, +1/3, +0.0, -1/3, -2/3, -1.0, -4/3, -5/3, -2.0

◇ Frequency

50Hz/60Hz can be selected

◇ Driver number

9-character driver number can be written

◇ Language

Set the language of system display. Selectable: English, Japanese, Deutsch, Français, Italiano, Espanol, Simplified Chinese.

◇ Format

This operation will delete all the data on the memory card

※ This operation is irreversible, if you have important files, please backup the important files in advance before performing this operation.

◇ Format Warning

Set the time for prompting formatting. Selectable: 15 days, 30 days, 60 days or off.

◇ Default Setting

Restore the parameters to the default values at the factory.

◇ Card Capacity

You can check the total amount of memory cards currently put into the machine, the amount used, and the remaining capacity.

◇ Firmware Version

View the current firmware version information of the main unit.

3.6 Main Function

3.6.1 Video Recording Function

◇ Loop Recording

Insert the memory card into the memory card slot of the host computer, and the host computer will automatically open the loop recording after power on.

The default length of each loop recording is 3 minutes.

When the memory card space is insufficient, the loop recording will automatically overwrite the old file (except the locked file).

◇ G-Sensor

When the G-sensor is on, the main unit automatically locks the current recording when an external impact occurs to prevent the image from being overwritten in the loop recording.

The sensitivity of the collision can be set in "Settings - Collision Sensitivity".

◇ Manual emergency recording

In the process of video recording, press the "⚠" button on the main unit to lock the currently recorded image to avoid the image being overwritten in the loop recording.

3.6.2 Take a Photo

During video recording, short press "📷" to take a picture.

The photos are stored in the /PHOTO folder.

3.6.3 USB Mode

- ① Connect the host and computer with Type-C connection cable. (Please make sure the Type-C connection cable supports data transfer)
- ② The host computer automatically turns on and the screen displays the USB connection diagram "🔌".
- ③ The computer detects the "POFOTO disk".
- ④ Open the "POFOTO disk", there are three folders, respectively.
/VIDEO (loop recording files)
/EMERGENCY (emergency video files)
/PHOTO (photo files)
If you do not record emergency video files, there is no such folder and no video.
- ⑤ You can copy the required files to your computer.

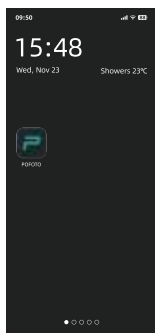
3.6.4 Connect APP

Please scan the QR code below or search and download "Pofoto Cam" App from Google Store/iOS App Store.

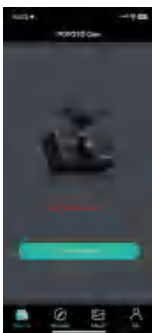


pofoto cam app

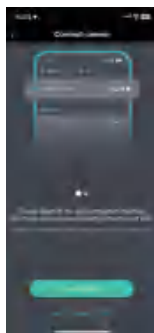
① Open the "Pofoto Cam" App



② Click on
"CONNECT YOUR CAMERA"



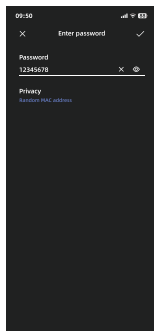
③ Click on
"go to WiFi setting"



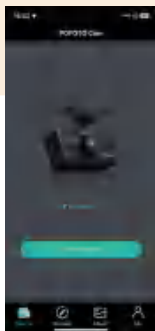
④ Select "POFOTO-R2-XXXX"



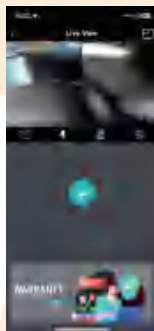
⑤ Enter the WiFi password "12345678"



⑥ Click "CONNECT YOUR CAMERA" again



⑦ Connect successfully



3.6.5 Parking Monitoring Function (Option)

Warm tips: Installing the hardwire kit requires certain technical knowledge. If you are not good at it, it is recommended to ask the auto repair shop for help.

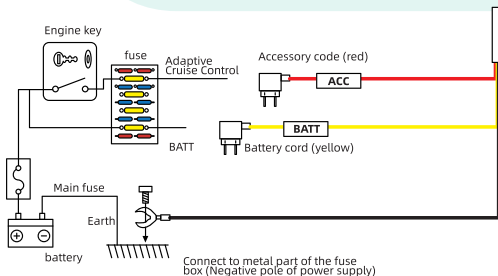
◇ How to install your hardwire kit

Red wire » ACC »> power off along the car

Yellow wire » B+ » never power off

Black wire » Ground » e.g.screw

POP-UP: You could usually find your fuse box under the right side of engine compartment or steering device.



You could cut the head of wires and connect it to your fuse directly if your fuse is small.

POP-UP: 1fps = 1 image during 1 second. G-sensor could be activated by a deceleration zone.

◇ Select the parking mode

Enter the parking mode in the settings

Setting "Parking Monitor" Off/Motion Detection/1fps/2fps/5fps/10fps

Remind: Hardwired to enable the dashboard parking monitor mode and protect the car battery from being drained. Hard wiring is not included in the package, you need to buy it separately. Or you can contact us directly and we will be happy to provide you with one.

3.7 Firmware Upgrade

If you need firmware upgrade, please contact our professional customer service team, provide relevant information (Amazon Order ID, machine version number, email address, short problem description, and problem demonstration video) to our customer service team email: (help@pofotovip.com), we have a professional after-sales team to guide you and provide after-sales support.

Firmware upgrade steps:

- > Download the firmware to your computer.
 - > Copy the firmware named "POFOTO" to the root directory of the SD card.
 - > Insert the SD card into the machine, then insert the power cord and press the power button briefly (do not turn off the power during this process).
 - > During the upgrade process, the LED indicator flashes. After the upgrade is completed, the machine will automatically power on that means the upgrade is finished.
-
- ※ Before using memory card to upgrade firmware, please make sure to backup important data to avoid data loss to cause you trouble.
 - ※ Before using the memory card to upgrade the firmware, please make sure to format the memory card on the computer host to ensure the stability of the memory card reading and writing.
 - ※ To avoid unbootable, please do not power off during the system upgrade!

4. Troubleshooting

◇ Unable to power on

Confirm whether the power supply or voltage of the host is insufficient, please try to replace the power cord.

Press the Reset button of the host computer and reboot the host computer.

Please try to update the device by firmware package.

◇ The screen does not show the screen being recorded

In recording mode, confirm whether the screen display is turned off and press "" to turn on the screen display

Whether screen protection is set on the screen. You can change the screen setting in "Settings - Screen saver".

The memory card is full.

Deleting unwanted images/photos from the main unit

1. Connect the memory card to the computer, and delete the locked images/photos that are no longer needed on the computer.
2. Format the memory card
3. Replace the TF card

※ This operation of deleting files and formatting TF card is irreversible, if you have important files, please backup important files in advance before performing this operation.

◇ The dash cam cannot play back the video

Confirm whether the file name or folder name of the image or photo on the memory card has been changed on the computer.

Whether the images or photos in the memory card have been processed by the computer or are not recorded by the host computer.

If the memory card is damaged, please try to replace the memory card.

◇ The dash cam sometimes stops recording during driving

Confirm whether the car is parked and turned off in the middle, if it is connected to the cigarette lighter, the dash cam stops working after it is turned off.

Check whether the interface connection of the hardwire kit is loose and whether the micro USB interface is abnormal, and re-plug the interface.

Confirm whether the SD card meets the product requirements (see SD card specification requirements for details)

Confirm whether the SD card is too much file backlog too long without formatting the card, it is recommended to format the SD card once every two weeks to ensure the normal use of the card

◇ dash cam will automatically shut down

Because the dash cam does not have a built-in battery, if it is connected to the car cigarette

lighter, it will shut down immediately after turning off the engine. If it is connected to the car's battery, confirm whether the parking monitoring or automatic shutdown or motion detection function is turned on.

◇ The dash cam can't connect to the APP

1. Because the WiFi hotspot of the dash cam does not have Internet data, after the Android phone connects to the hotspot of the recorder, the phone system may prompt whether to switch to mobile network data, if you click "switch", it will lead to the APP behind cannot connect to the recorder.
2. Please try to disconnect the hotspot of the recorder, reset the recorder, exit the APP, clear the background, and then reconnect. iPhone needs to enter the cell phone settings to open the application "local network" permission, otherwise it will not be able to connect.
3. Confirm whether the dash cam is connected to the data transfer interface (U disk interface) in the center console of the car, after connecting the data transfer interface, the dash cam will be in "U disk mode", at this time whether the APP can not be connected to WiFi, please connect the dash cam to the charging interface that does not have data transfer. (e.g cigarette lighter)
4. Try to uninstall the APP, re-download and then connect, APP prompts the permissions are clicked to allow access.

※ If the above still does not solve your problem, please contact us (help@pofotovip.com) in time, we will provide you with assistance within 24 hours.

5. Safety and Warnings

Please read and refer to the instruction manual carefully for use. Please save this manual for reference.

- ◇ If the machine is broken, water or short-circuited, please turn off the machine and disconnect the power immediately.
- ◇ Use the power cord correctly and make sure there is no damage to the power cord, exposed wires, etc.
- ◇ The LCD screen is fragile, so it is prohibited to drop, squeeze or knock.
- ◇ Storage in humid or dusty places is prohibited
- ◇ Storage in ultra-high temperature or ultra-low temperature is prohibited
- ◇ It is forbidden to discard the machine and accessories at will. To avoid polluting the environment, please dispose of discarded products in accordance with local laws.

- Do not install or operate with wet hands.
- Do not install in areas with high humidity, flammable and explosive gases and liquids, or areas that interfere with the driver's vision or safety.
- Do not expose the unit to high temperatures for long periods of time in an enclosed vehicle.
- Do not exceed the rated voltage (12V/1.5A) when in use.
- When the vehicle is turned off and the cigarette lighter is still supplying electricity, be sure to pull up the cigarette lighter plug when leaving the car to avoid depleting the battery or causing other accidents.
- Keep products, accessories and packaging away from children!
- Use only the original car charger cable included in the package, the company is not responsible for any damage caused by other manufacturers' car charger cables.
- Do not disassemble the main unit and car charger cable by yourself.



Please do not cut the car charger cable yourself!

The resulting burned machine is not covered by the warranty!

- Batteries should not be replaced by yourself, improper replacement may cause an explosion hazard!
- Do not allow the battery to come into contact with water (such as seawater) or other liquids.
- Do not short-circuit the battery.
- Do not expose the battery to sunlight, fire, or similar overheating to prevent explosion.
- Do not put the battery into a fire to prevent explosion.

6. Warranty & Support

POFOTO Dash Cam R2 enjoys a 12-month warranty. If you are buying our products for the first time, you will get a warranty service extended to 24 months, please contact us or download the APP to extend your warranty.

POFOTO has set up a professional customer service team to solve various problems in the process of product installation and use for customers, and solve your worries. You can contact us through the following email or online message in the APP, and we will reply to your message within 24 hours.

Contact US: help@pofotovip.com

Thank you for choosing POFOTO R2 Dual Dash Cam!

POFOTO is a brand that specializes in car dash cameras. Our commitment to quality and honesty has earned us the trust and loyalty of our customers. We never make false claims about our products and always strive to deliver high-quality items that our customers love.

At POFOTO, we understand that a car dash camera is an important investment for drivers. That's why we go above and beyond to ensure that our products meet the highest standards of quality and reliability.

Choose POFOTO for a car dash camera that you can trust, and a brand that truly cares about its customers.

FCC Warnings

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.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: 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. 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 & your body.

IC WARNING

This radio transmitter has been approved by Industry Canada.

This Class B digital apparatus complies with Canadian standard ICES-003. This device complies with Industry Canada License exempt RSS standard(s). Operation is subject to the following two conditions.

(1) This device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

This equipment complies with ICSED radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

Industrie Canada (IC)

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes: (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

AVIS RELATIFS À L'EXPOSITION RF

Cet équipement est conforme aux limites d'exposition au rayonnement ISSED établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé à une distance minimale de 20 cm entre le radiateur et votre corps.

          	FCC ID: 2BBAJ-R2
	IC: 30615-R2

Model: R2

