FOCUWAY

SMART WITNESS ON THE ROAD MODEL:L7

USER

MANUAL

WARNING!

The package includes small parts (includes a card pin) that is quite sharp. Please keep it out of reach of children and pets!

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Disclaimers

- A FOCUWAY 4G Protect Go subscription (sold separately) is required to use features such as Live View, Two-Way Talk, real-time notifications, and GPS locator over LTE when the Car Cam is away from the vehicle, as well as to access Cloud services. FOCUWAY 4G Protect Go is currently available only in North America and Europe.

- The FOCUWAY L7 Car Cam uses two radars and motion detection sensors to detect key disturbance events around the vehicle, but it is not designed to detect all disturbances in the vicinity.The radar is designed to operate within a range of 4 meters in front and 6 meters behind, but there may be an error of up to 0.5 meters.

- Some jurisdictions may prohibit windshield-mounted devices, and you are solely responsible for ensuring compliance with applicable laws.

- The FOCUWAY 4G Protect Go service includes unlimited LTE data, with different validity periods depending on the subscription plan. LTE data is provided by a third-party carrier, and coverage, uptime, technology, and speeds may vary. If customers use their own SIM cards on our device, we cannot guarantee the compatibility, stability and timeliness of the connection.

- The cloud service only saves event videos. Ordinary videos generated while driving will be saved in the built-in memory card and will not be uploaded to the cloud. If you need to download ordinary looping videos, please switches to SD card preview mode in the YBox APP.

4G Protect Go and Cloud Service Subscription

4G Protect Go Subscription See page 17

- North America

300M	Free at the first use
Unlimited Data/30 Days	$ 19.90
Unlimited Data/180 Days	$ 99.90
Unlimited Data/360 Days	$ 169.90
Unlimited Data/720 Days	$ 299.90

- Europe

300M	Free at the first use
Unlimited Data/30 Days	€ 12.90
Unlimited Data/180 Days	€ 59.90
Unlimited Data/360 Days	€ 99.90
Unlimited Data/720 Days	€ 179.90

*The 4G LTE subscription reference price information is updated from January 1, 2025. The actual subscription price may change, but no additional costs will be incurred. Please refer to the real-time price on the app interface for the exact purchase price.

Cloud Service Subscription See page 17

The first month of cloud service is free, and the latest three cloud video files will be retained even if you do not renew after the first month.

Cloud Protect Go	7-days Event Cycle Record	30-days Event Cycle Record
30 Days	$ 1.99	$ 3.99
180 Days	$ 8.99	$ 19.99
360 Days	$ 16.99	$ 39.99

With or without 4G Protect Go

	Cam with 4G Protect Go	Cam without 4G Protect Go
Dual-facing Cam Recording	✓	✓
Remote Live-view	✓	✗
Two-way Talk	✓	✗
Instant Notification	✓	Notification with text, can't view the event video
GPS Location	✓	✓
Cloud	✓	✗
Video Download	✓	Event videos saved in the Cloud needs 4G data connect to download, normal loop record videos save in the SD card can be downloaded

Reminder

- The FOCUWAY 4G Protect Go is designed to work with the included SIM card. If you prefer not to use the included SIM card or the 4G Protect Go plan, you can use your own SIM card. This camera supports a wide range of telecom operators, including but not limited to AT&T.

- If your SIM card cannot be recognized directly by device, the app will prompt you to enter the APN number for internet access when you add the device. Typically, if you are using an Android phone, you can find the APN number on the camera's SIM card settings page. For iPhone users, you can obtain the APN information from your telecom operator.

- The original SIM card and built-in motherboard of the L7 device have been extensively tested and optimized in both Europe and North America. If you are unable to achieve optimal connection performance with your own SIM card, we recommend using the original SIM card for the best experience.

- Video resolution in different scenarios:

  Normal Loop Recording: Front 1080K + Inside 1080P
  Cloud Video: 720P

  This ensures optimal video quality while managing data usage.

Package List

L7 Car Cam

SD Card

Built-in SIM card slot

Extra 3M Adhesive Pads

Card Pin

OBD Cable

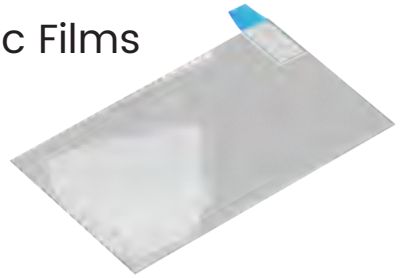
Cable Clips

User Manual

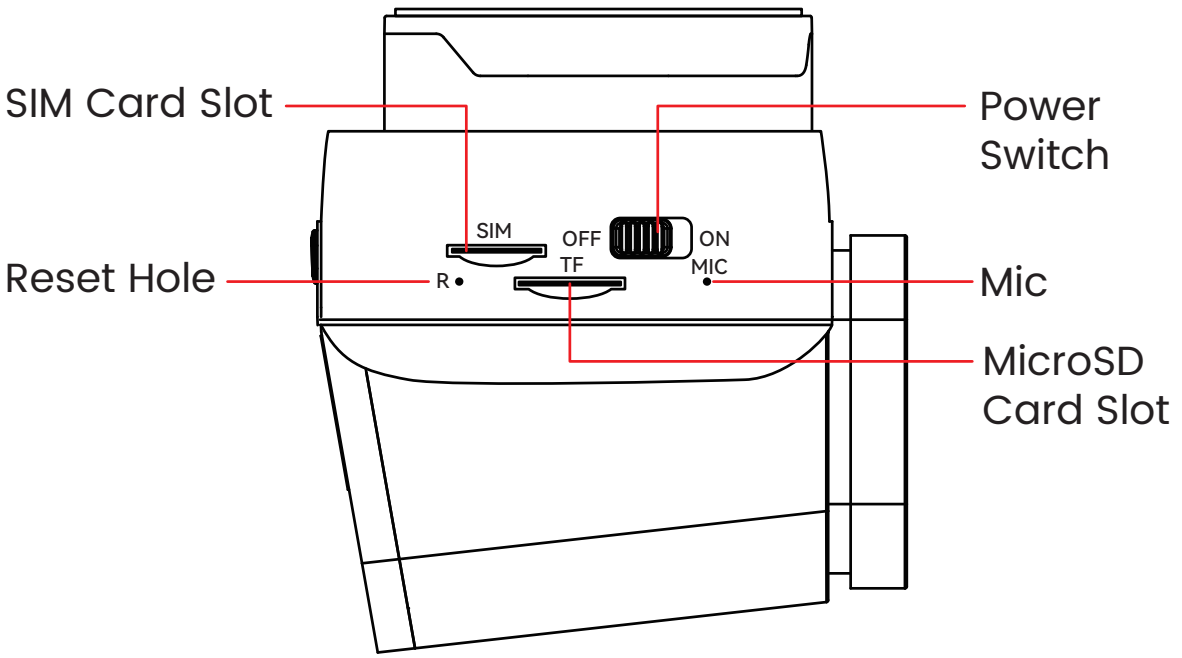
Install Tool

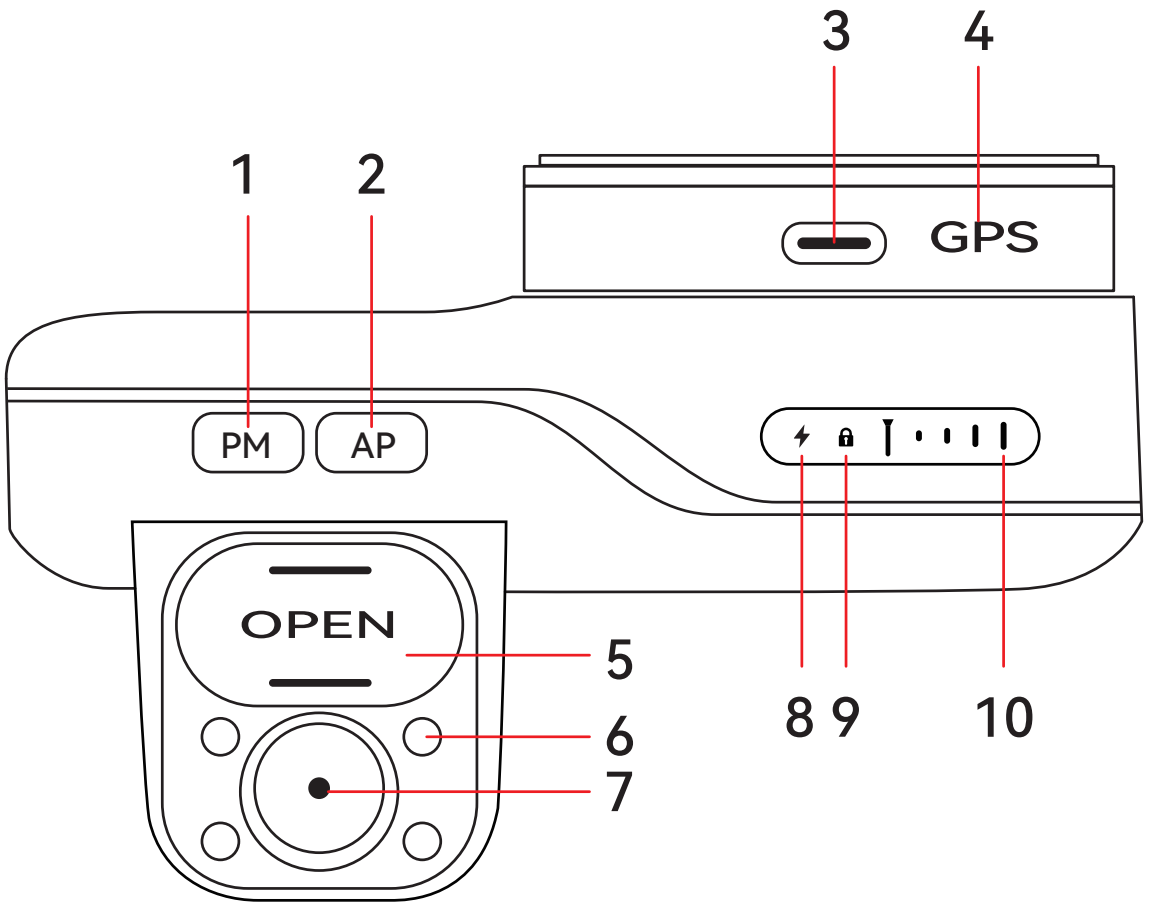
Warning Sticker

Electronic Films



Product Overview





Number	Function Name	Statement of Functionality
1 PM	Privacy Button	Press to enter privacy mode, the inside camera and audio will be turned off
2 AP	Lock Mode	Press to lock the current video clip and upload the last 15s video to the Cloud
3	Power Interface	Connecting to power cord (hard wire kit or OBD cable)
4	GPS Module	GPS built-in the mount
5	Privacy Cover	slide down to cover the inside camera
6	IR LEDs	Reach the IR night vision at night
7	Inside Camera Lnes	Record inside of the car
8	Status Indicator	Display the working status of the device, typically, after the device is configured for the first time, the indicator light will turn red to show that power is connected, and then turn blue to indicate normal operation. For more details of Status indicators, please refer to the page.

9	Lock Signal	Turns to blue when you press the Lock button to lock the current video
10	4G Signal Strength Indicator	The alternating green flashes indicate that the device is searching for 4G signals. A solid green light indicates the current 4G signal strength.

Activate Your Device Now!

- You can follow the video guide to connect by scanning the QR code.
- Alternatively, you can follow the step-by-step instructions below to set up your device.

Reminder

•Please add the product in an area with a strong 4G network signal to ensure both the product and phone maintain a good connection.
•Make sure your phone's WiFi is turned off, as connecting to a home network may prevent the device from being added successfully.
•In areas with weak signal, the product may fail to add, or remote functions may not work properly.

1. Download the App

- Search for **YBox** in the Google Play Store or App Store to download it.

Download on the App Store

ANDROID APP ON Google play

- Scan the QR code to download.

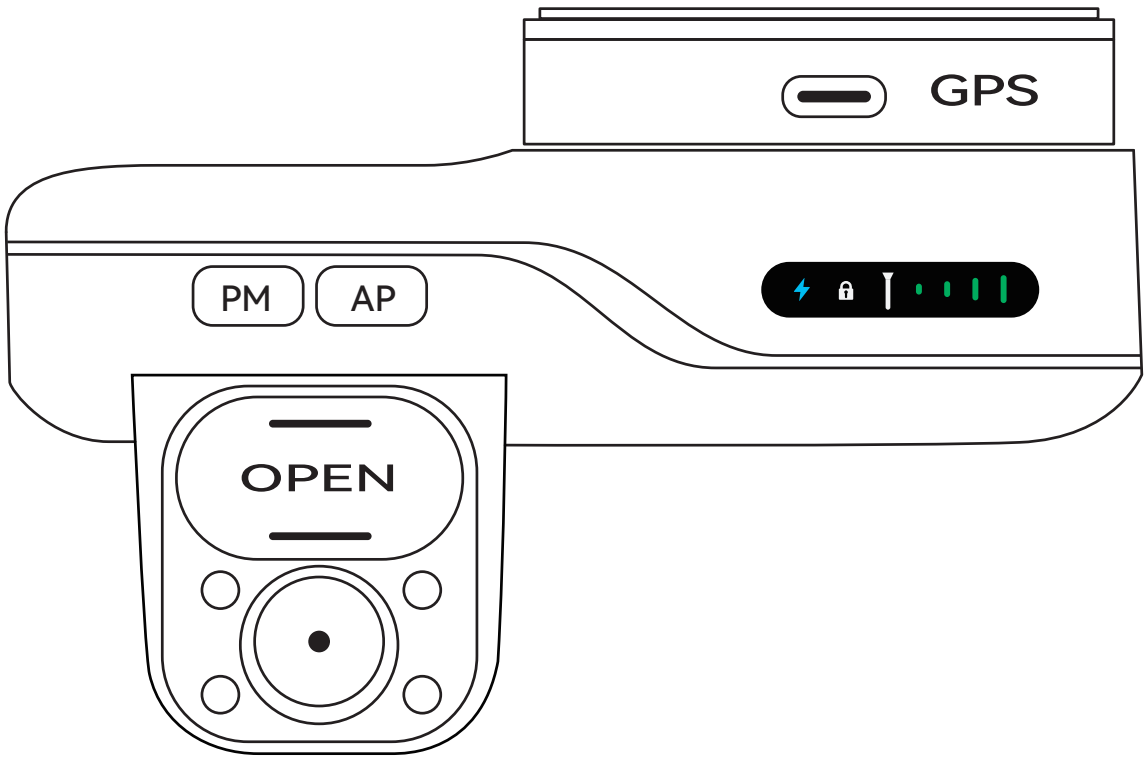
2. Register an account and login

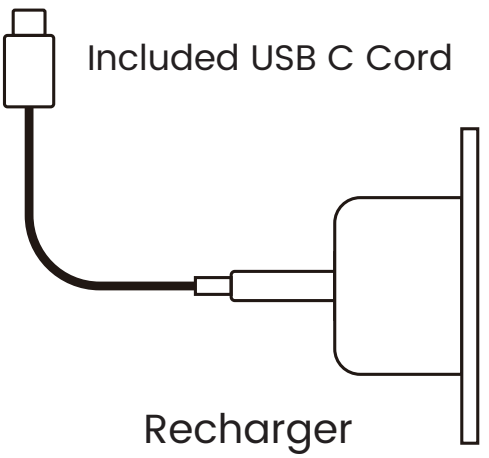
Press the register button to register your own account, please use your email address to register, then login the App.

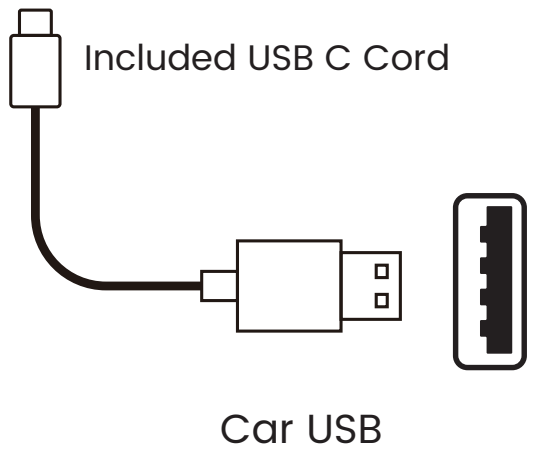
3. Now connect the device to power. Please use the included USB cord to connect the device to the home wall outlet or the car USB port to power on the device.

Important Note

- Don't use your own USB cord which has data transfer function to connect device to the car to use (if your cord is USB2.0 to Type C, you can use it connect the device to the home wall out with the mobile phone charger to power on).
- Don't connect the device to the computer to use.
- Don't use the Type C to Type C cord to connect the device to use.



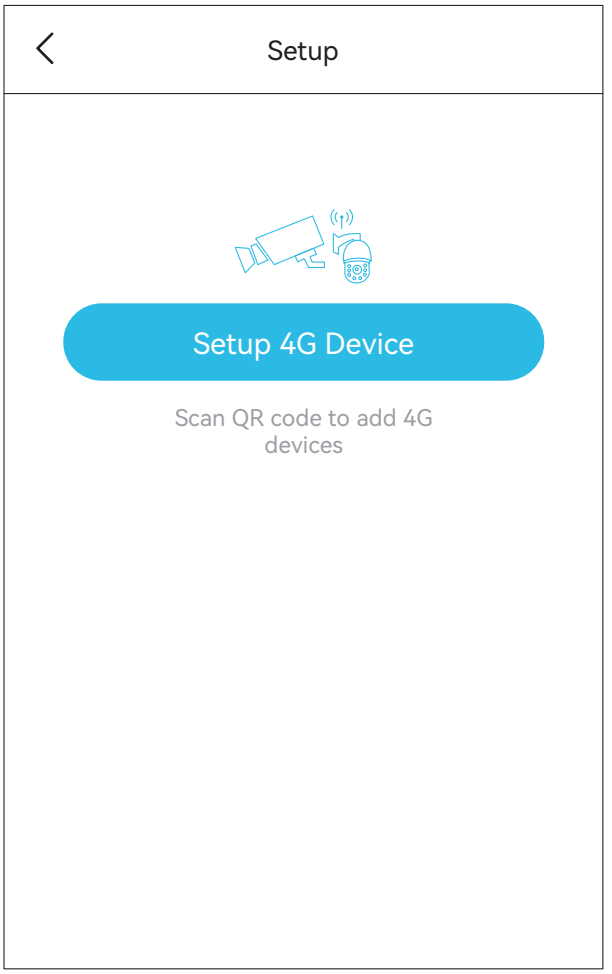


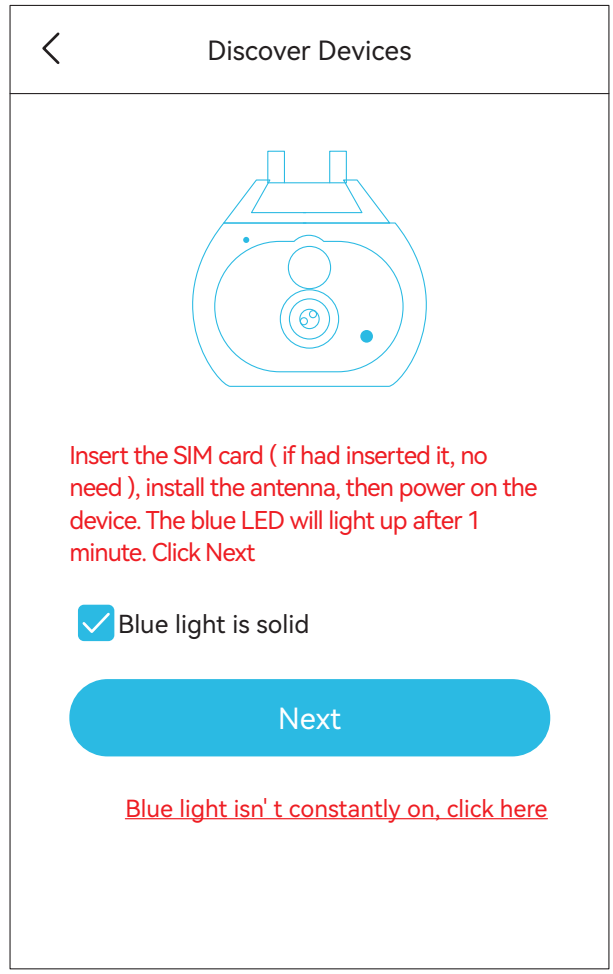


4. Press the [Add a Device] button to start to pair your cam. You can also press the ⊕ on the top right corner to add device.

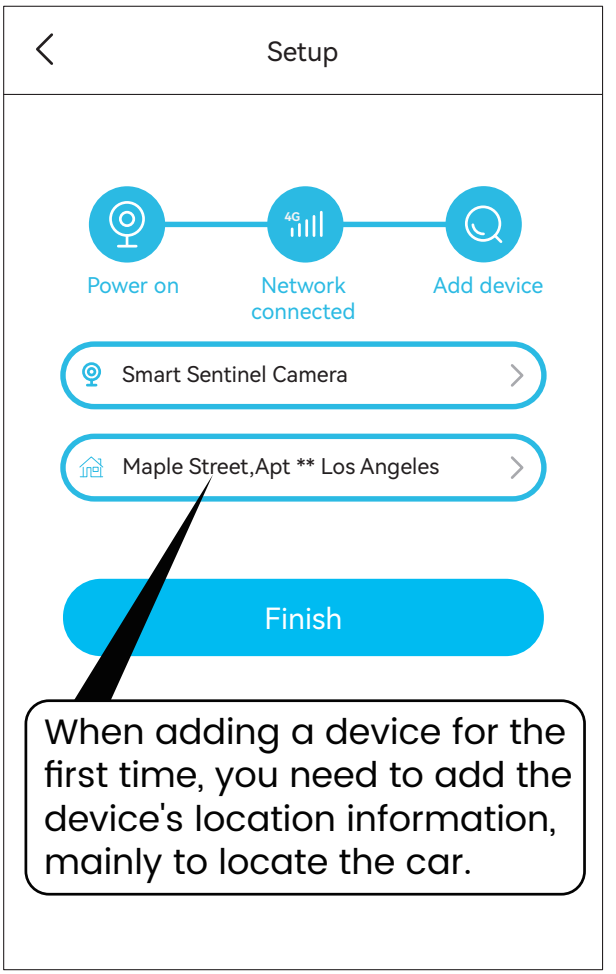
   Turn on the [Bluetooth] of the cellphone for quick setup.

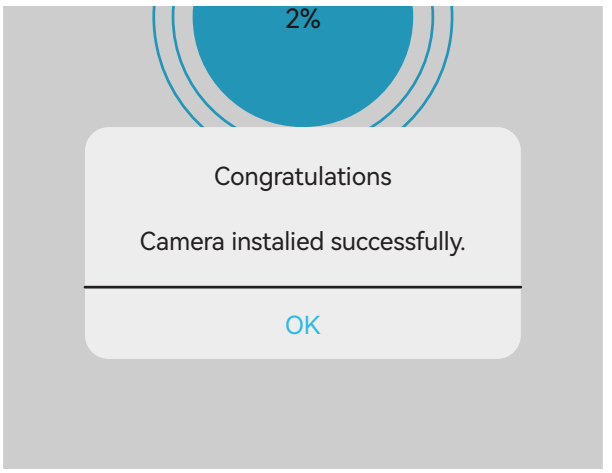
5. Select [Setup 4G Device], check the camera Status Indicator is solid blue or not, if yes, please click [Blue light is solid], and press the [Next].



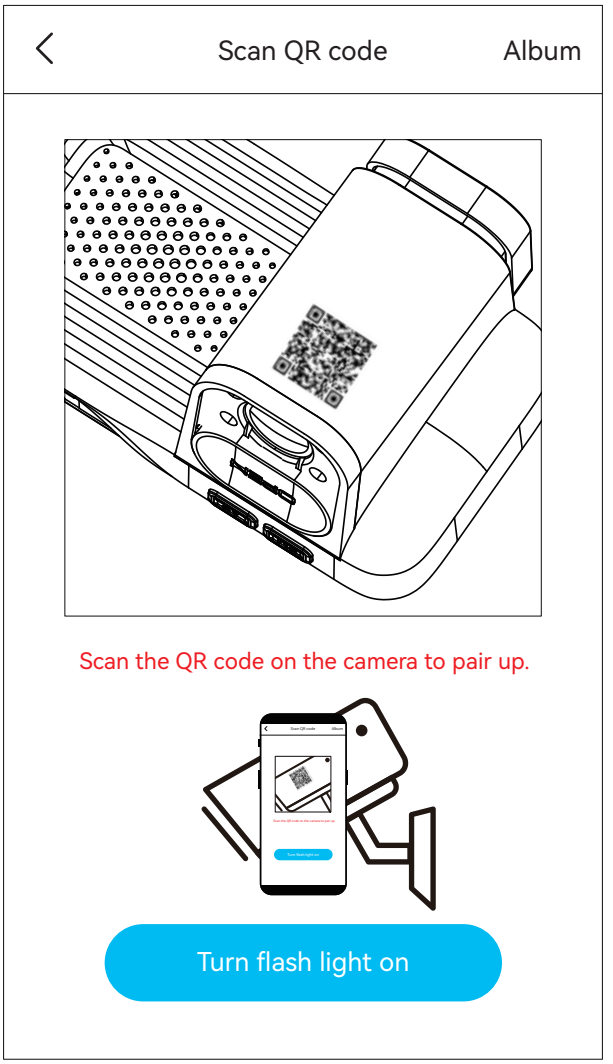


6. If Bluetooth is enabled on your cellphone, the app will automatically detect the device and add it. Press [OK] then set the device name and location, and wait a few seconds until the pairing is complete.





7. If the Blutooth is disabled or the App can't detect the device, please scan the QR code on the device to add it manually.



8. Once you successfully activate and add the device to your phone, it will immediately enter Sentry Mode. The status indicator will turn red, and the 4G signal indicator will turn off. You can disconnect the power at this point; however, if you don't, you may receive numerous notifications and notice the device turning on and off frequently, as the radar has already started functioning! The device will send alerts whenever the radar detects motion nearby.

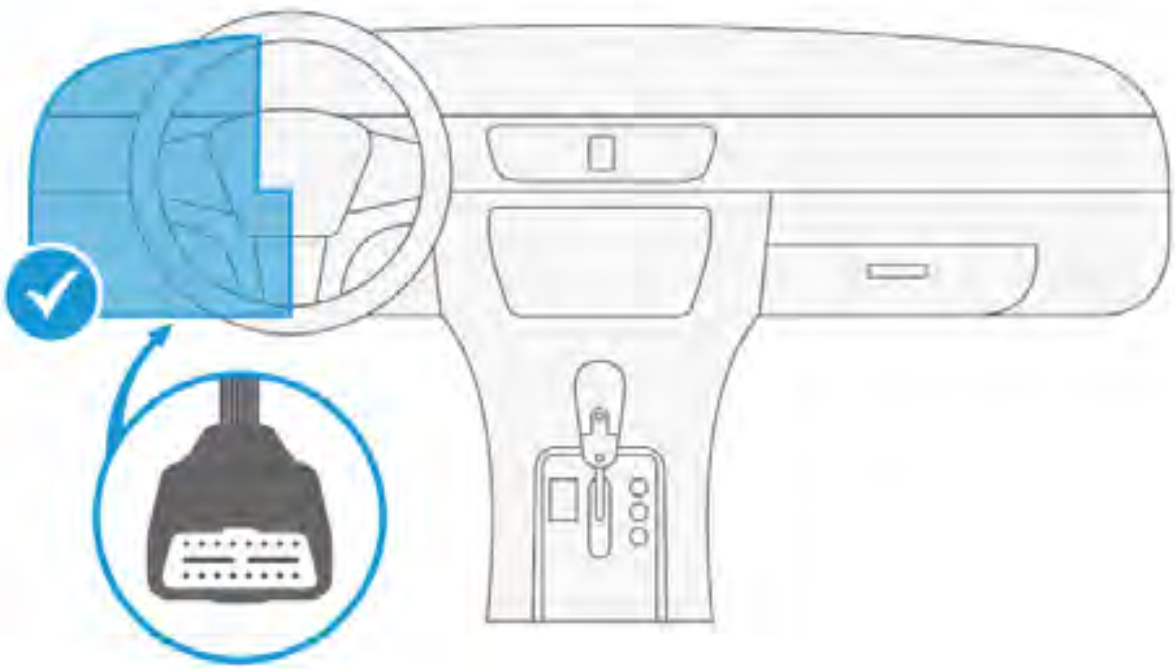
Let's Begin Installing the Device in Your Vehicle!

OBD Cable Installation

Hard wire kit installation
(Hard wire kit not included, sold separately)

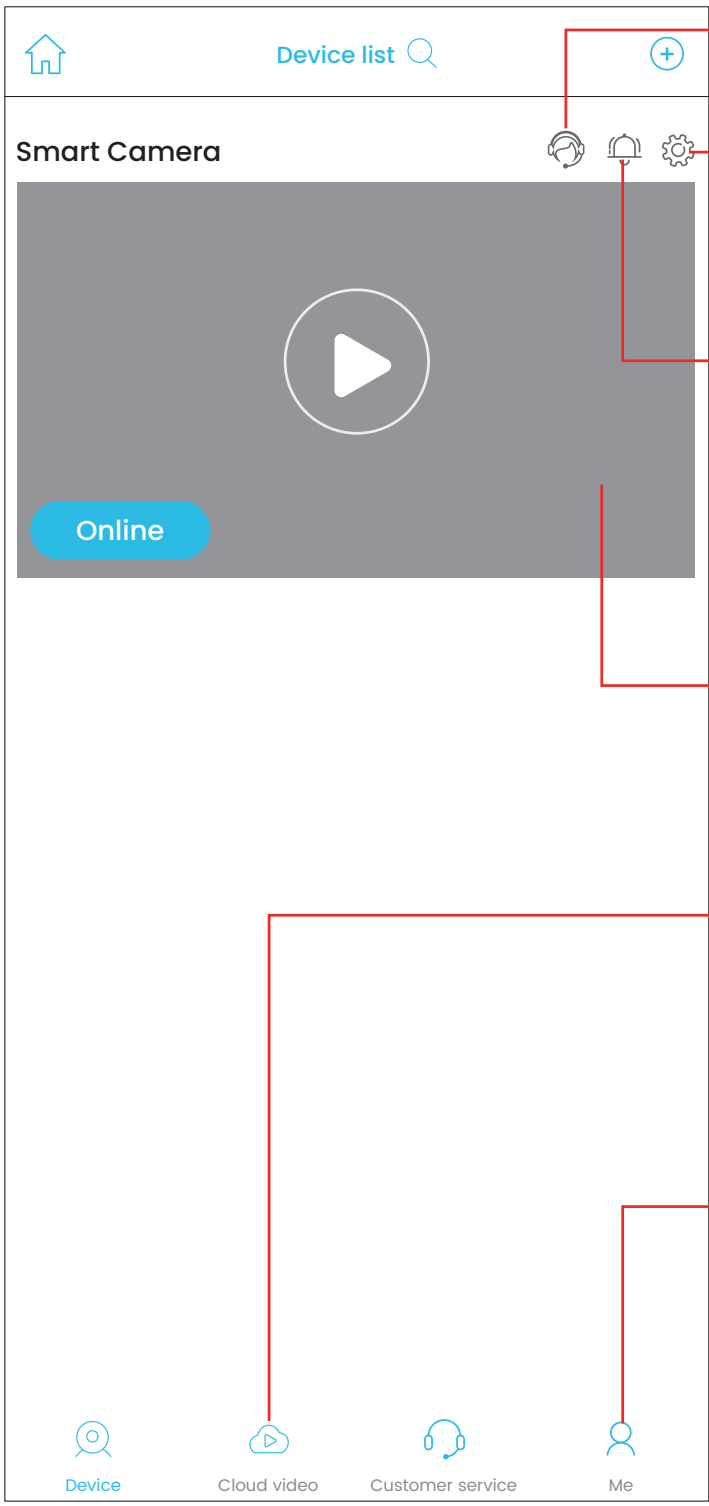
Scan the QR code to watch the installation video guide,or visit our website at ***www.focuway.com*** (Get Help Page) to view it.

Hardwire Kit
Included



App Introduction And Instructions

Homepage Overview



Support

4G & Cloud Subscription (P17)

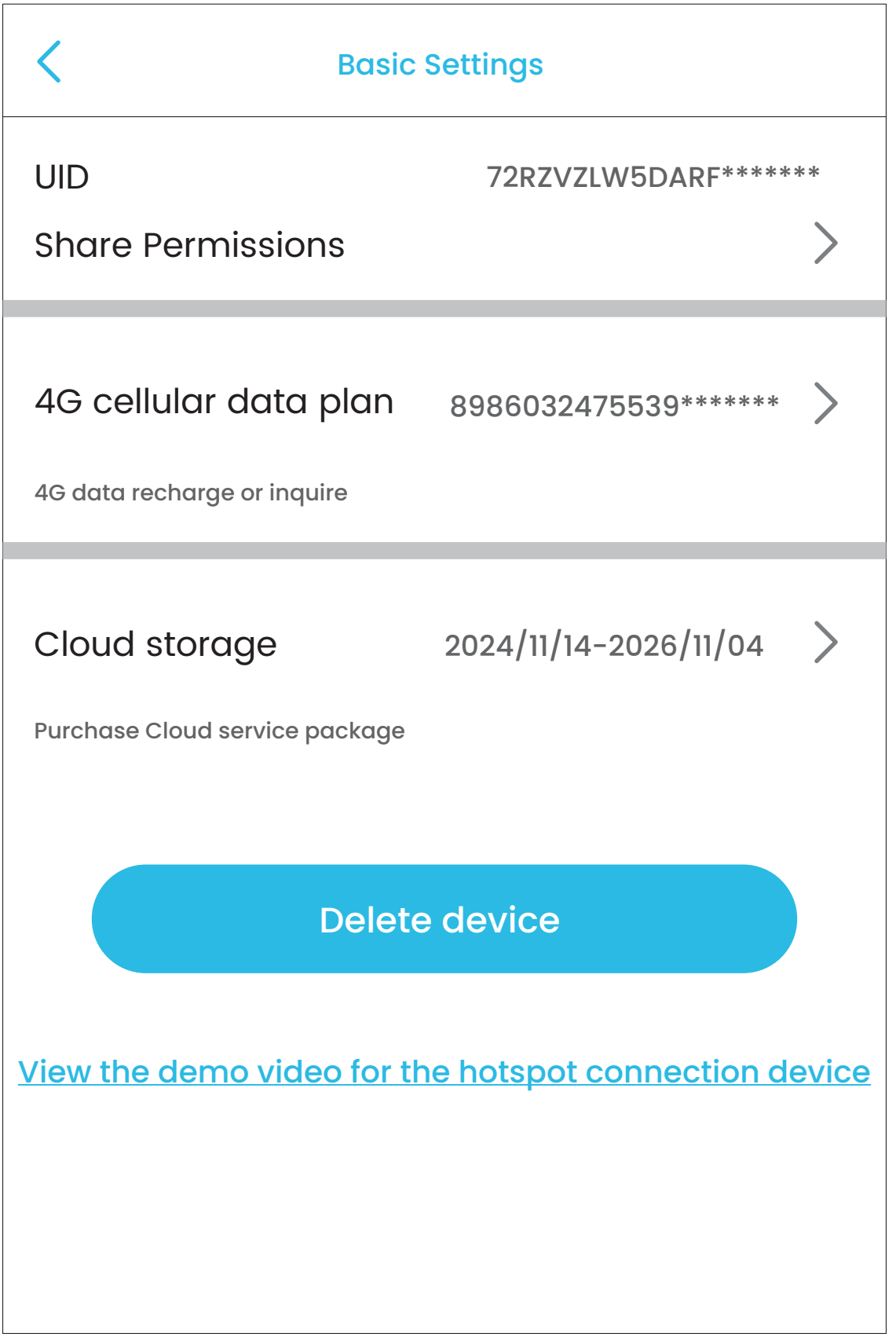
Notification ON/OFF

Press to enter Preview Page (P18)

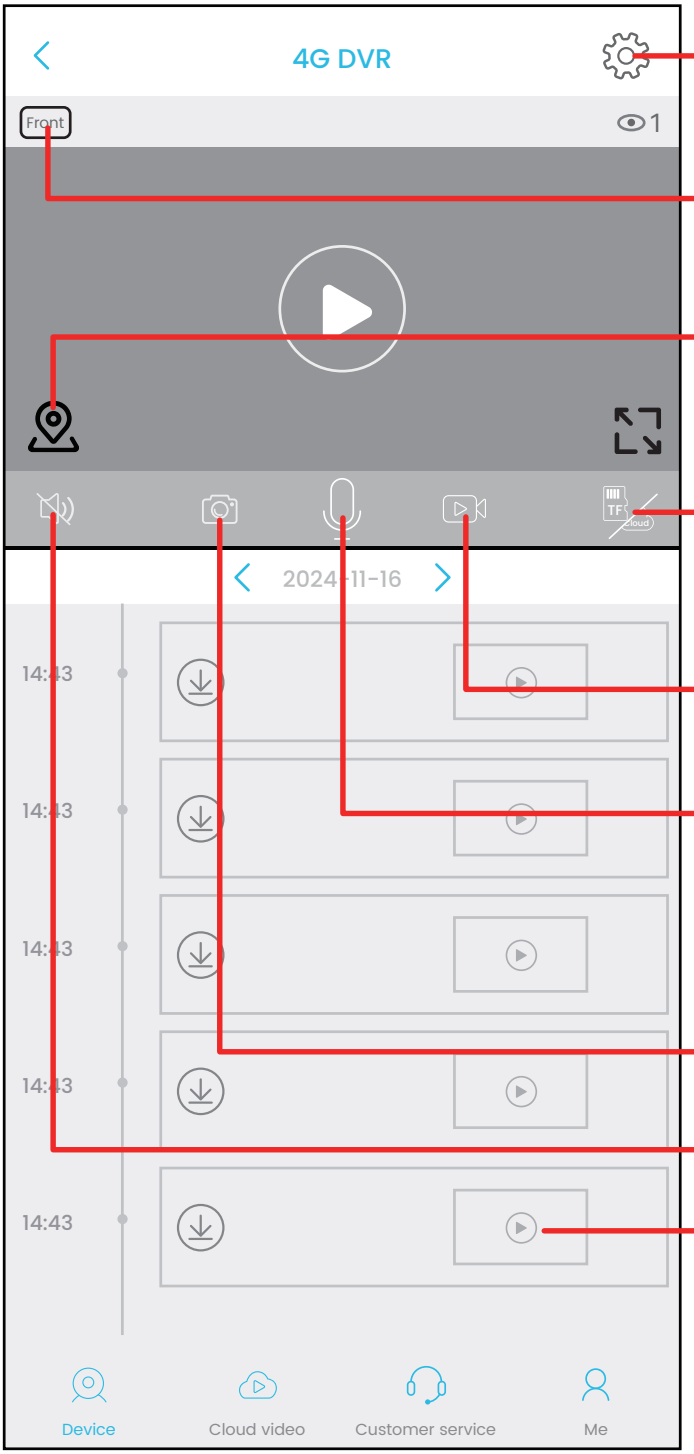
Check Cloud Video

Account Setting

4G LTE and Cloud Subscription Page



Enter The Live-View Page



Device Setting

Camera View Switch

Device Location

Cloud Video & TF card

Screen Record

Mic/press to two - way talk (P30)

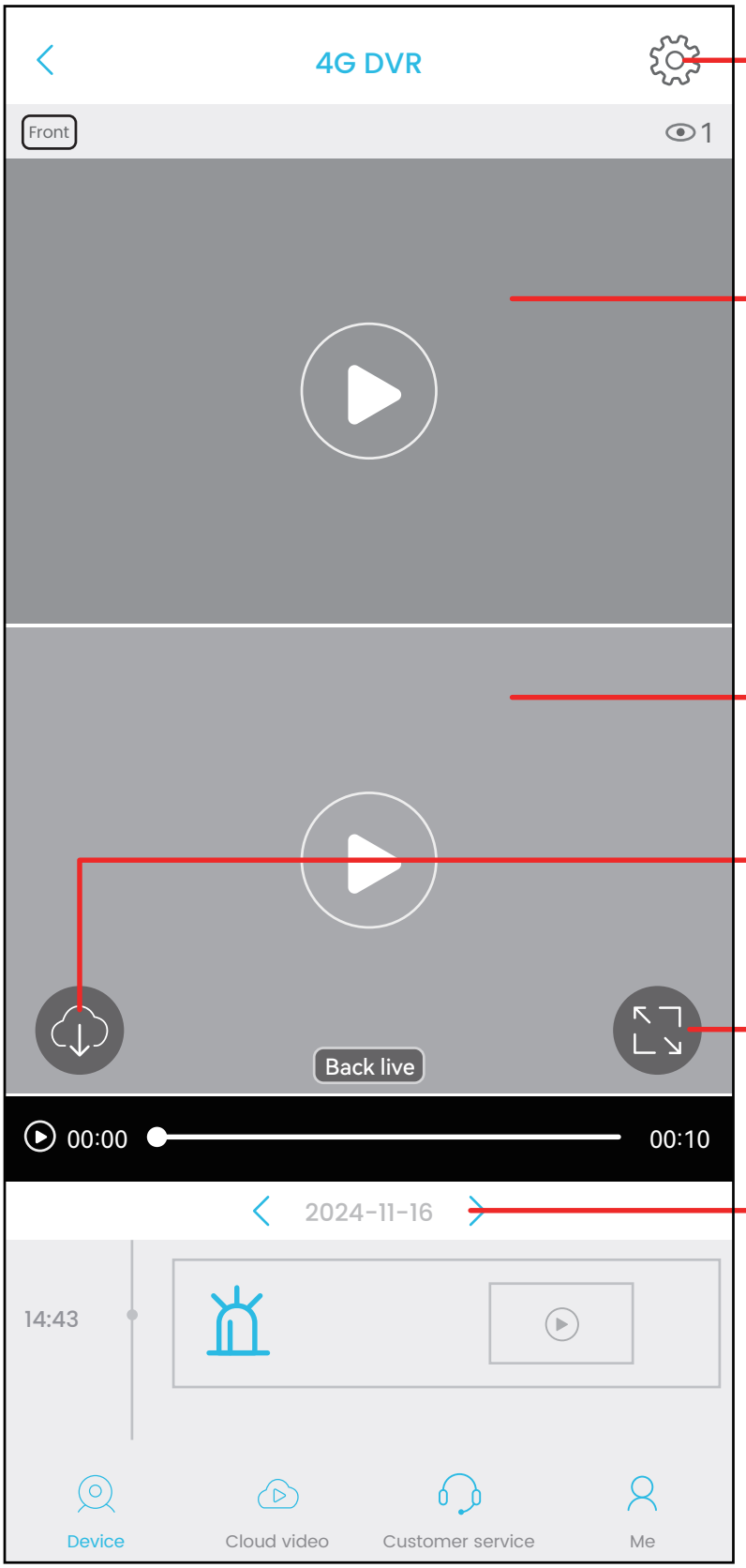
Take Photo

Audio ON/OFF

Uploaded Even Video

If you enter the live-view page and the screen is black, please exit and reenter, or click the refresh button. Normally, if the device is not awakened by radar but manually awakened, it takes 5-7 seconds to start, which also depends on the strength of the 4G signal. For details, ***please refer to P41.***

Click The Cloud Video And Enter



Device Setting

Front Camera View

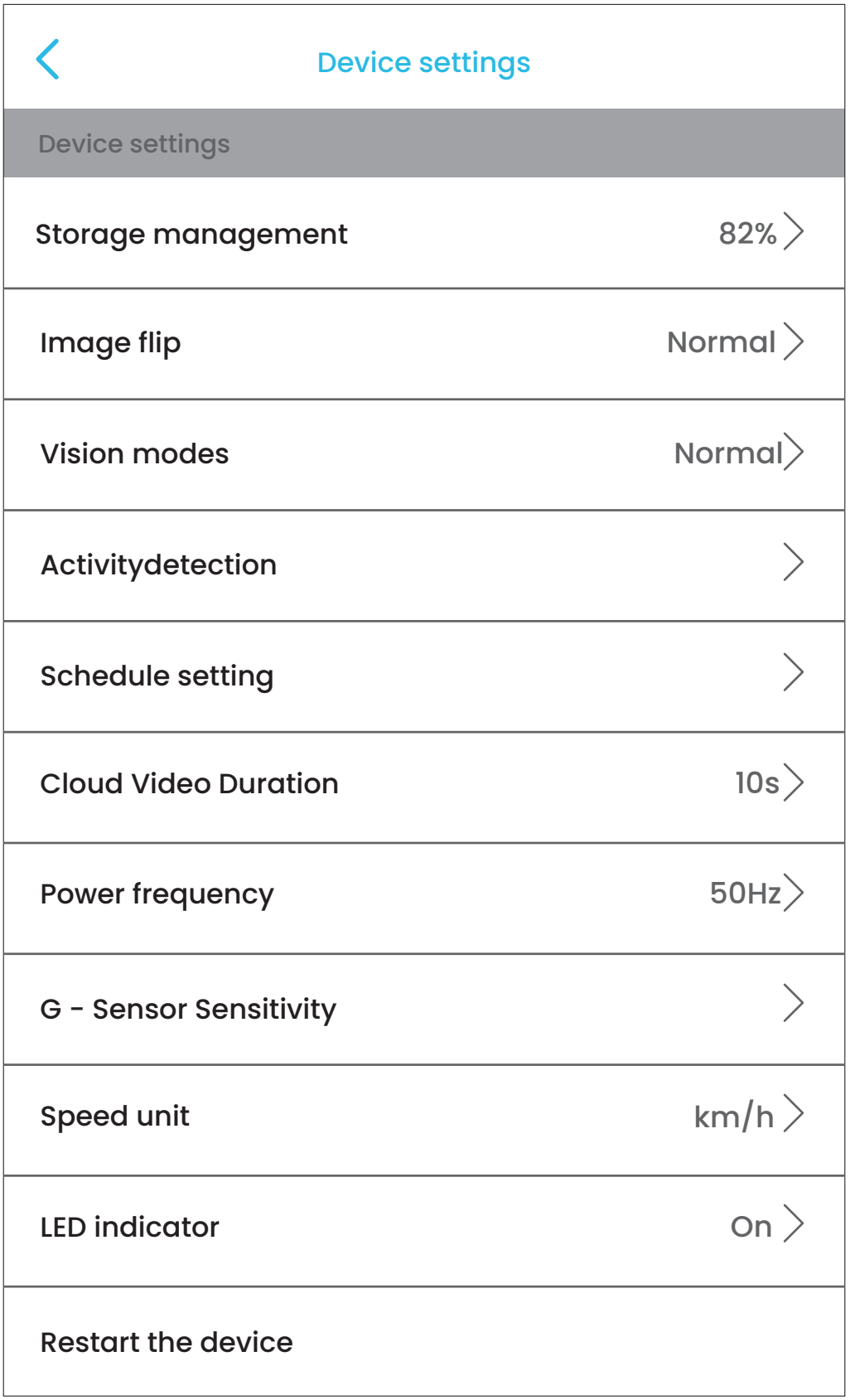
Inside Camera View

Download Cloud Video

Full Screen

Date Switching

Enter The Device Setting Page



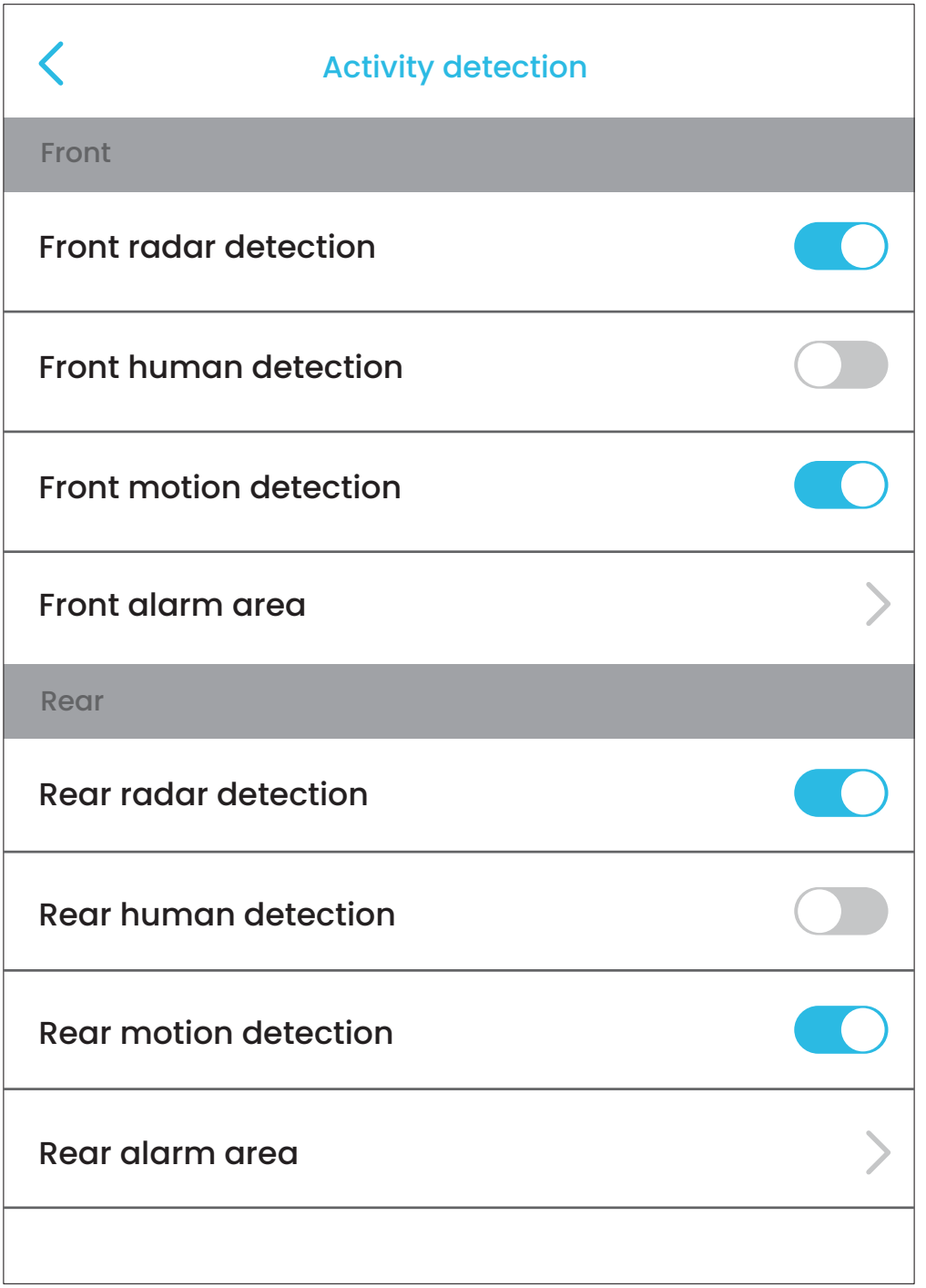
- **Storage Management:**
  View the usage of the memory card and format it.

- **Image Flip:**
  Set the image flip mode for the front and rear cameras.

- **Vision Modes:**
  Switch between normal mode and night vision mode. When set to night vision mode, the in-car camera will activate the infrared light, you will get black & white image whether it's day or night.

- **Activity Detection:**
  Radar and sensor settings, including motion detection and human detection.

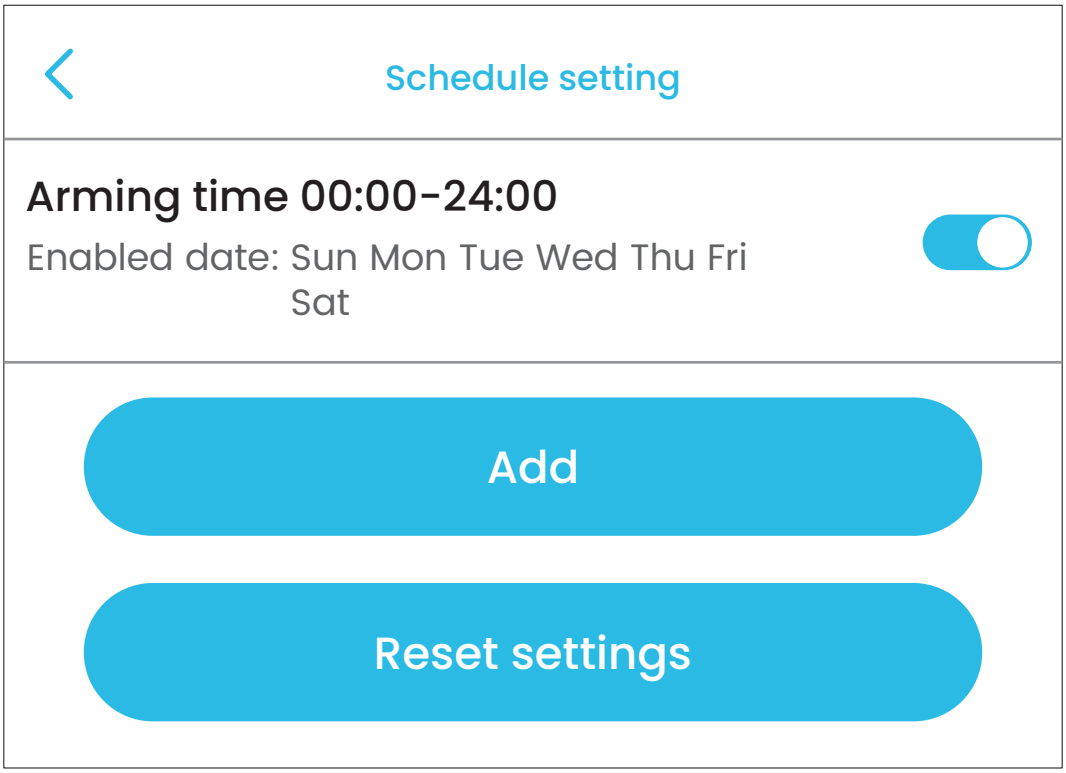
- **Default setting – Radar and human detection sensor are set to ON**
- **If you want to set the motion detection, please set the human detection to OFF**



● Adjust the radar cover area (we recommend to use the default setting)

● Schedule Setting

Set custom time periods for Sentry Mode. Customers can choose the default settings or add their own as needed.



- **Cloud Video Duration:**
  Duration of events uploaded to the cloud. Options include 5s/10s/20s/full duration (default is 10s).

- **Power Frequency:**
  Power frequency settings (50Hz/60Hz).

- **G-sensor Sensitivity:**
  Set the sensitivity of the collision detection sensor.

- **Speed Unit:**
  Set the speed unit. Km/h or mp/h.

- **LED Indicator:**
  Toggle the indicator light on or off.

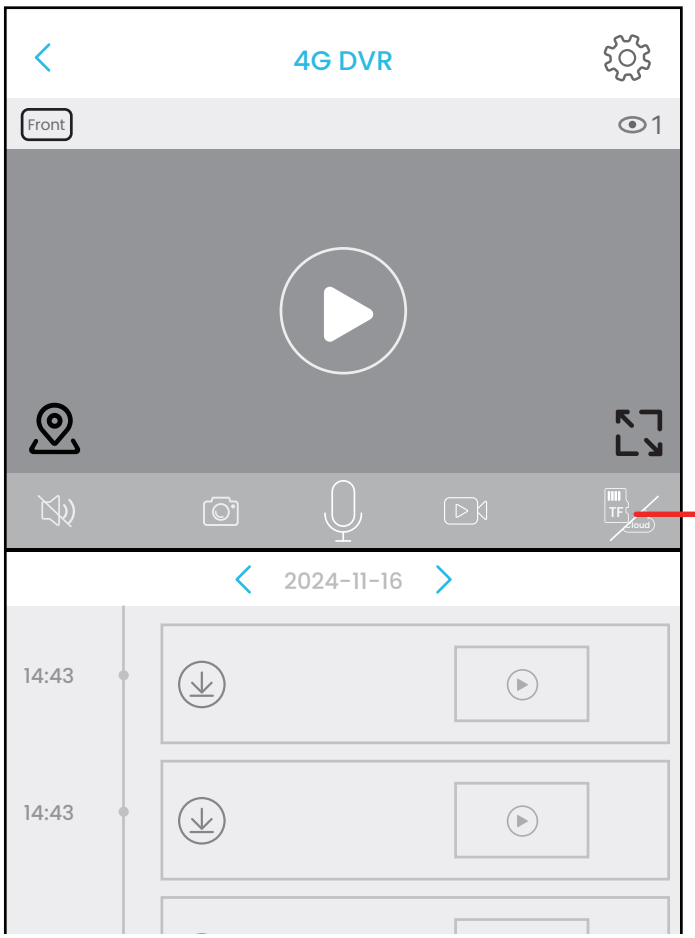
- **Restart the Device:**
  Restart the device.

How to Check the Normal Loop Record Videos on the SD Card

When you are in the live-view preview mode, press the Cloud/SD card switch button to switch to SD card preview mode, then you can check the videos recorded while driving。

Reminder

When you switches to the SD card preview mode, the dash cam will continuous loop record when you in this mode, until you exit this mode.
You can download the videos save in the SD card to the YBox App via the lte.



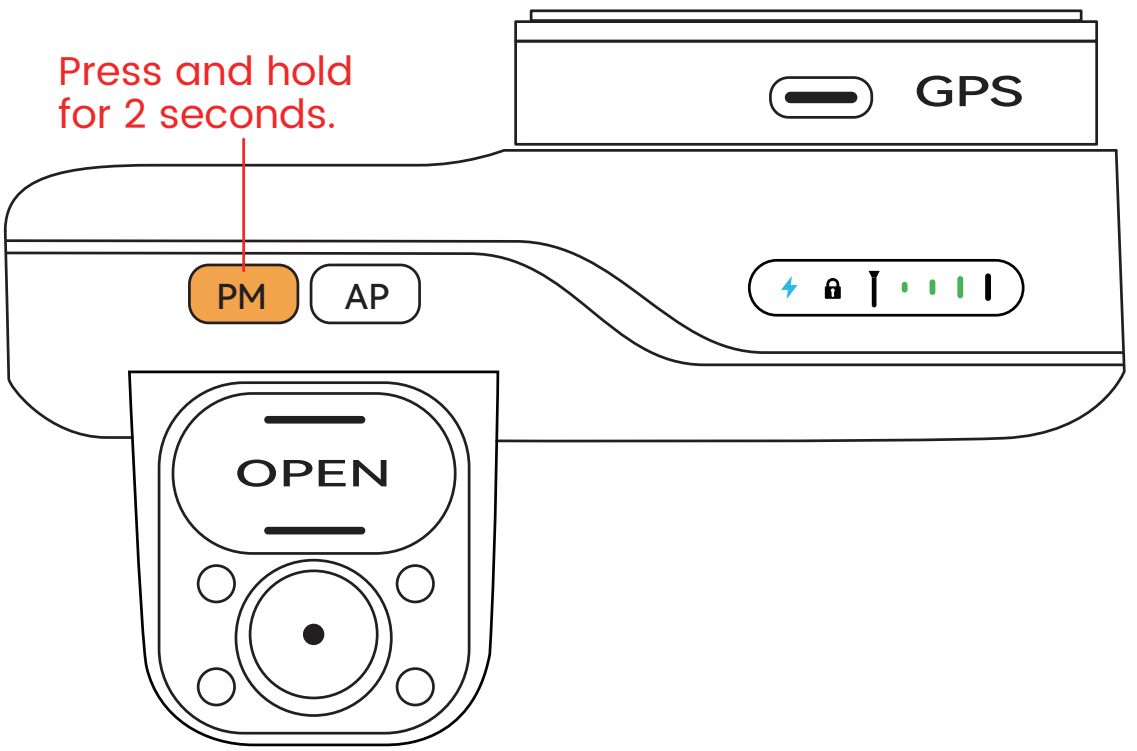
How to Activate the Privacy Mode

Two ways to activate the Privacy Mode

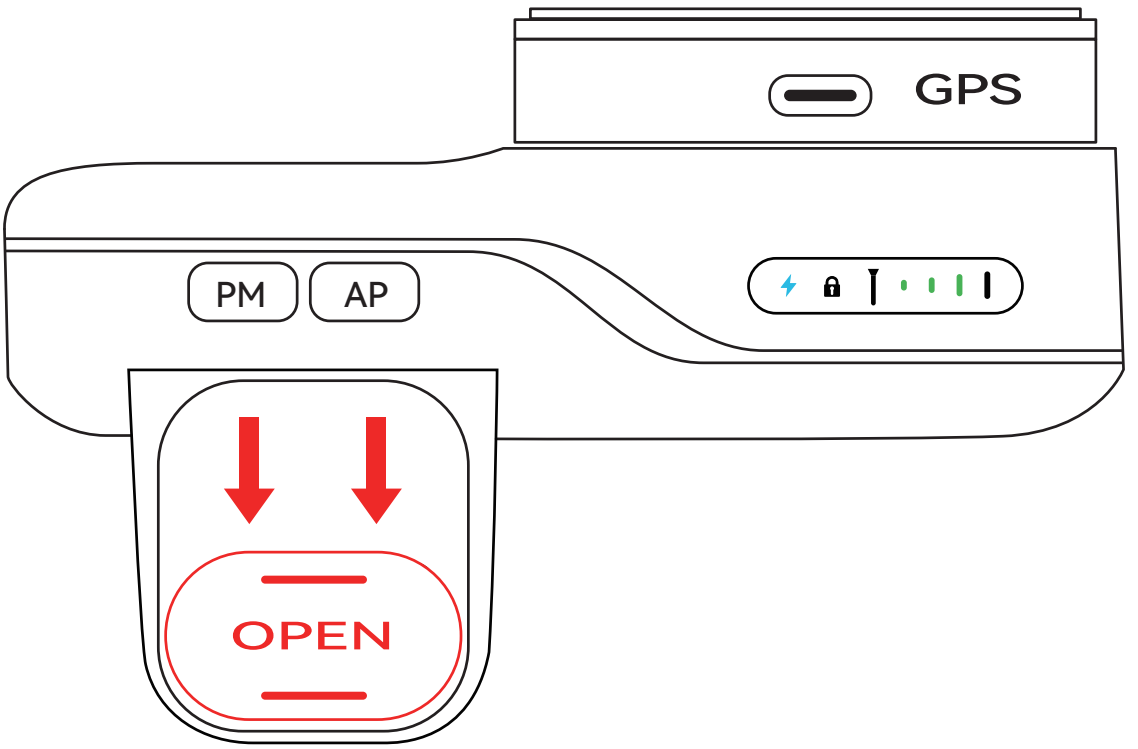
1. Press and hold the PM button for 2 seconds to activate this mode. The interior camera and audio will be turned off.

The two-way talk mode will be disabled in this mode. You can only send voice to the device through the mobile app, but cannot send voice from the device to the phone.

The camera will remain in this mode until you manually exit. To exit, press and hold the PM button for 2 seconds again.

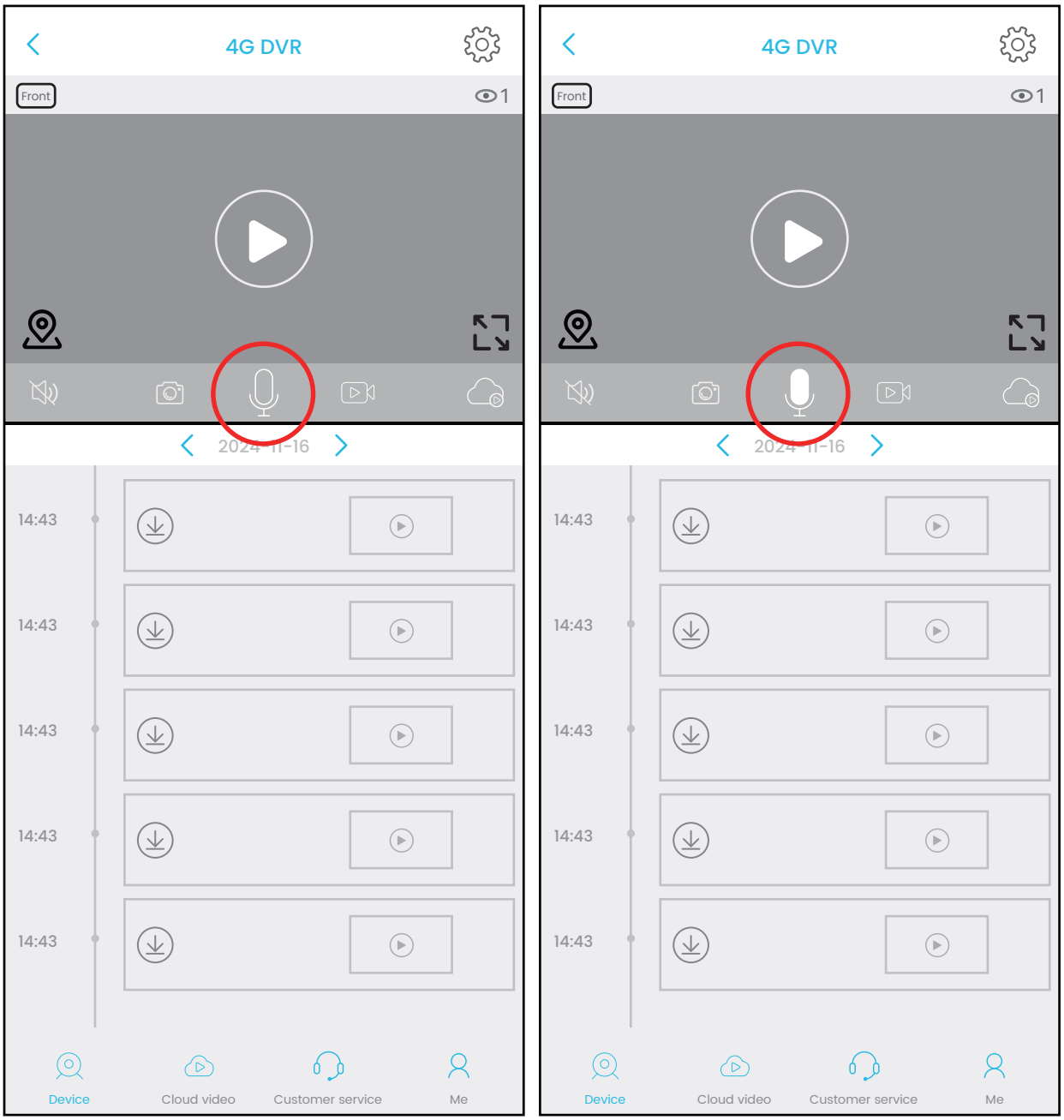


2. Slide the privacy cover to block the interior camera, while the audio remains ON.



How to use the two-way talk

Press the Mic icon when you in the live-view page, then you can send the voice

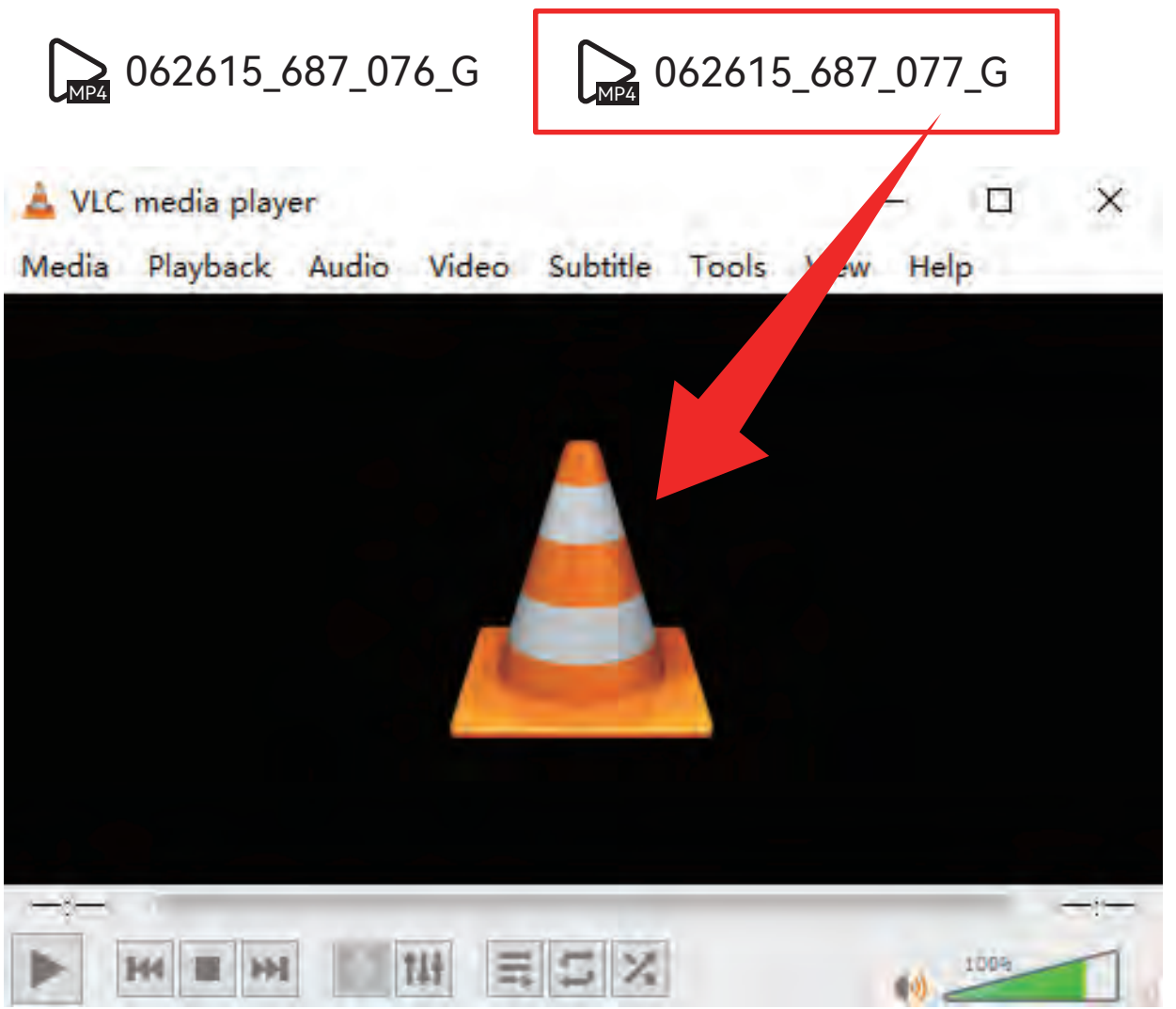


How To Play The Video On The Computer

We recommend to use the free VLC Player, download link: www.videolan.org/vlc/

- **Step 1:**

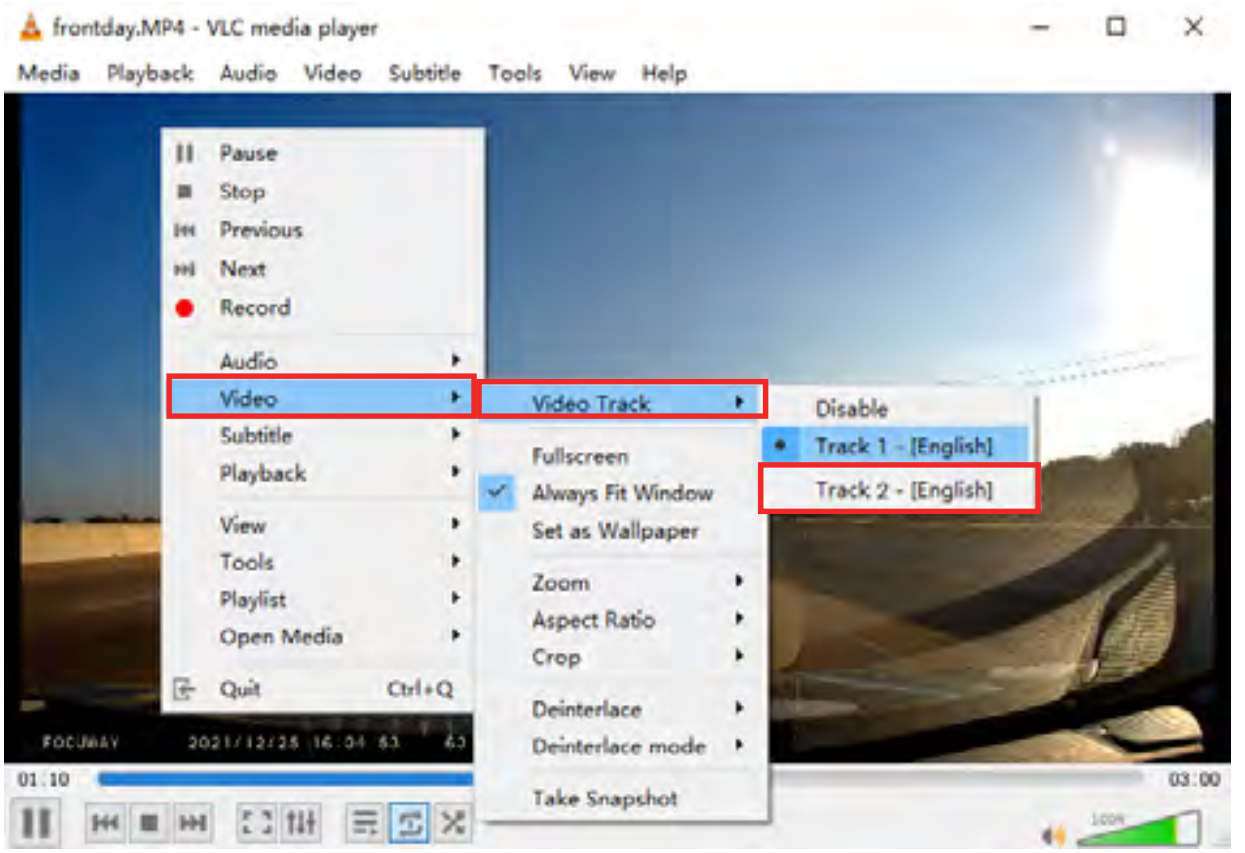
  Drag the video file you want to play into the VLC player interface.



- **Step 2:**

  Once the video starts playing, the default view will be from the front camera. To view the in-car camera, follow the instructions in the image below, select Track 2.

  Right-click on the playback screen.
  Video ⟶ Video Track ⟶ Track 2



After-sales Support

- Contact us via the App, there is a dedicated service support section within the App.

- Send email to our support team at support@focuway.com

- Access our website to get the support: focuway.com/pages/contact

We will response within 24 hours with helpful advice.

Trouble Shootings

1. Are there any requirements for the phone to use this product?

The app supports Android 5.0 and iOS 10.0 or higher operating systems. If your phone is running a version lower than these, it will not work properly and needs to be upgraded.

2. Are there any precautions for user registration?

Currently, the app only supports email registration. Please note that some email providers may classify the registration email as spam. If you don't see the registration email, check your spam folder.

3. What should I do if adding the device always fails?

The app supports automatic configuration via QR code and Bluetooth. If the configuration fails, check the following:

1. Ensure that the device is in configuration mode, with the blue light on.
2. Check if the LED of the device is flashing blue and then turning solid, or if it's solid red. If the blue light is solid, it means the device has received the configuration information.
3. If the device's blue light is solid after configuration but it still fails, check the failure reason in the prompt. It’s recommended to reset the device and try again.
4. If the issue persists, please contact customer service.

4. Why is there a screeching sound when I open the intercom feature after adding the device?

This is due to a feedback loop caused by the device's sound and the phone's microphone, similar to the feedback you get when the microphone and speakers are too close in a karaoke setting. To fix this, simply move the phone away from the device. This is normal for remote monitoring devices, and it won't happen during regular use.

5. Why doesn't my Android phone receive notifications?

To enable push notifications, follow these steps:

1. In the App device list, please enable the Notifications.
2. In the app, go to Me > Notification Settings > Accept call > Notification (Note: Call in is not allowed now, will be updated in the future)
3. In the app, go to Me > Notification Settings > Permission > Notifications > enable [Allow notifications]
4. For Android 10 and above, you may also need to enable the "Display over other apps" permission in Permission Management.
5. Notification Settings > Battery Management, enable "Allow to ignore battery optimization."

6.Why does the camera sometimes have lag in the video?

The performance of network-based products depends on the 4G signal and the phone. For this product, the minimum upload speed required for 720P video is 512Kb, and for 1080P it is 1024Kb. If the upload speed is insufficient, the video may experience lag.

7.What are the requirements for the memory card?

This product frequently starts and stops recording, so it requires a high-quality memory card. We recommend using a genuine 16-64GB TF card, with a maximum supported capacity of 128GB. Please format the TF card before use.

8.What happens when the memory card is full?

This product supports loop recording. When the memory card is full, it will automatically overwrite the oldest video files to save new recordings.

9.What is the purpose of the cloud storage function?

This product offers a one-month free cloud storage trial. When an event alarm occurs (e.g., radar or vibration sensor detection in sleep mode), the device will automatically upload a 10-second video to the cloud. This ensures that even if there is no SD card or the device is removed, critical videos are saved in the cloud. After the trial period, users can purchase a cloud storage plan. Paid users can view cloud videos from the past 30 days.

10. What should I do if I want to move the device to a different location?

If you want to move the product between two cars, we recommend purchasing an additional step-down cable for installation in the other vehicle. The package includes extra 3M adhesive plates, allowing you to easily move the device between two cars.

11. Is this product vulnerable to attacks or privacy leaks?

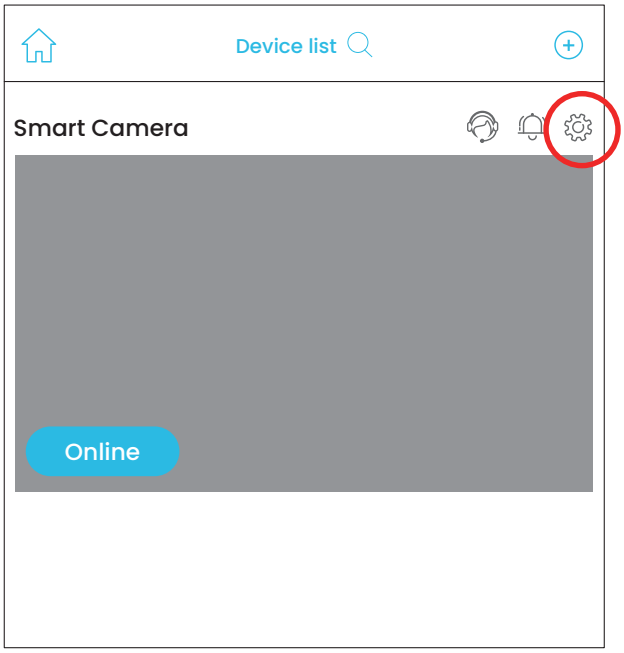
This product uses triple security authentication to prevent identity spoofing, end-to-end data encryption, and eavesdropping. The network cannot access device or user data. The device is equipped with the strictest firewall and security audit strategies, and the network uses third-party cloud shields to prevent up to 300G DDOS attacks. Rest assured, this product will not leak privacy or be used to attack other internet devices by malicious code.

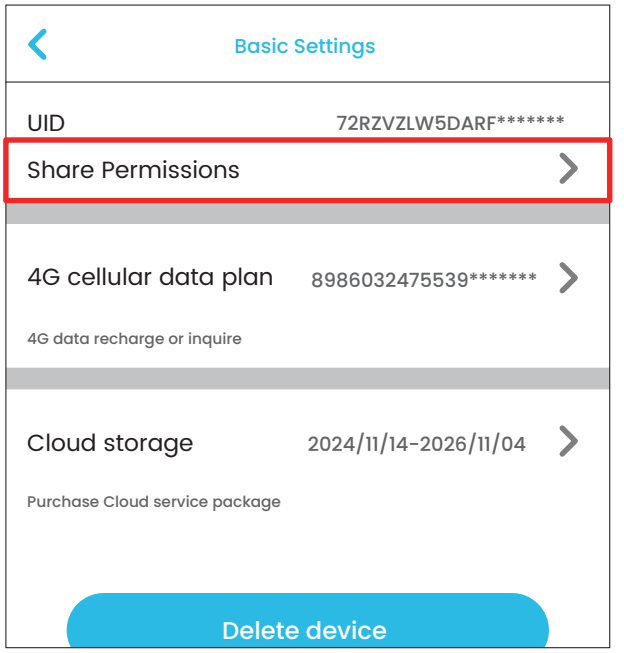
12. Why did I receive a notification but there was no human on the video?

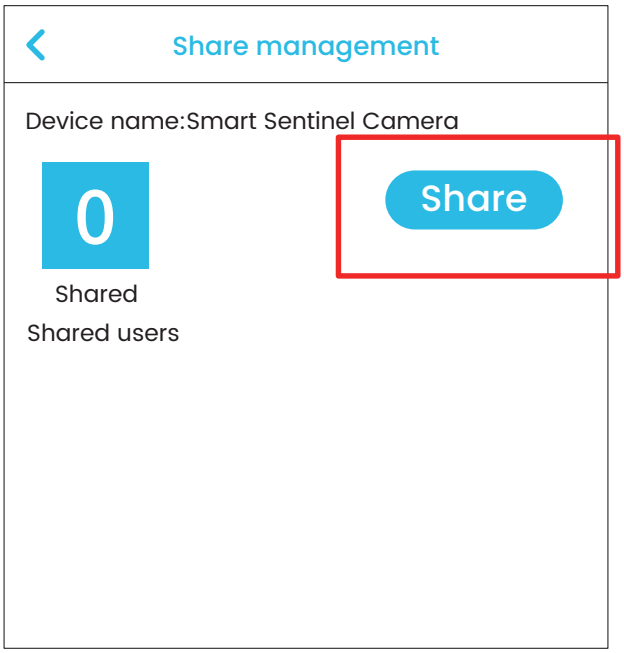
Firstly, please check if human detection is enabled. Secondly, the radar takes about 2 seconds once detects movement to wake up the device to record video. If the person moves quickly and exits the camera's field of view during this time, this issue may occur. Thirdly, if it is raining or there are swaying branches near the car, the radar may be falsely triggered. In such cases, ensure that human detection is enabled to prevent frequent false triggers, which could cause the app to send numerous invalid notifications.

13. How can I share the device with family and friends?

In the device list, go to Settings > Share Permissions > Share ,and enter the account to share with. The person sharing the device can also set permissions for the shared user, such as enabling two-way talk.







14. The indicator status explanation and the solutions.

a) Connecting to power and wait for the blue light to turn on. When the blue light is solid, the device is in configuration mode. The 4G signal indicator will blink continuously, indicating that the device is searching for a 4G signal. When the 4G signal light is solid, it means the communication module has successfully connected to the 4G signal.

b) After successful configuration, if the customer connects the device to a power outlet via a USB cable and phone charger, the power indicator will turn red and the 4G signal indicator will turn off, indicating that the device has entered Sentry Mode and the radar has started working. If the customer connects using a step-down cable or FOCUWAY OBD cable, and the car engine is running, the camera will keep the power indicator blue and solid, and the 4G signal indicator green and solid.

c) If the power indicator is flashing slowly in red, please contact the customer to replace the device.

d) Red and blue lights flash alternately quickly (1s red, 1s blue): No SIM card detected. Please check or replace the SIM card.

e) Red and blue lights flash alternately slowly (2s red, 2s blue): SIM card has insufficient balance or has been suspended. Please purchase a data plan.

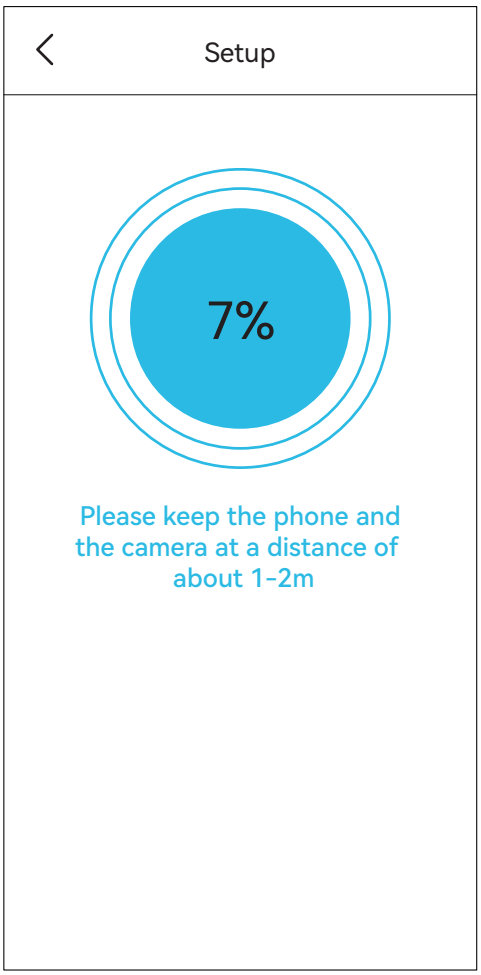
f) Red and blue lights flash alternately (1s red and blue, 1s off): The device has detected an APN that cannot connect to the network. Please reconfigure the device and obtain the correct SIM card APN from your telecom operator.

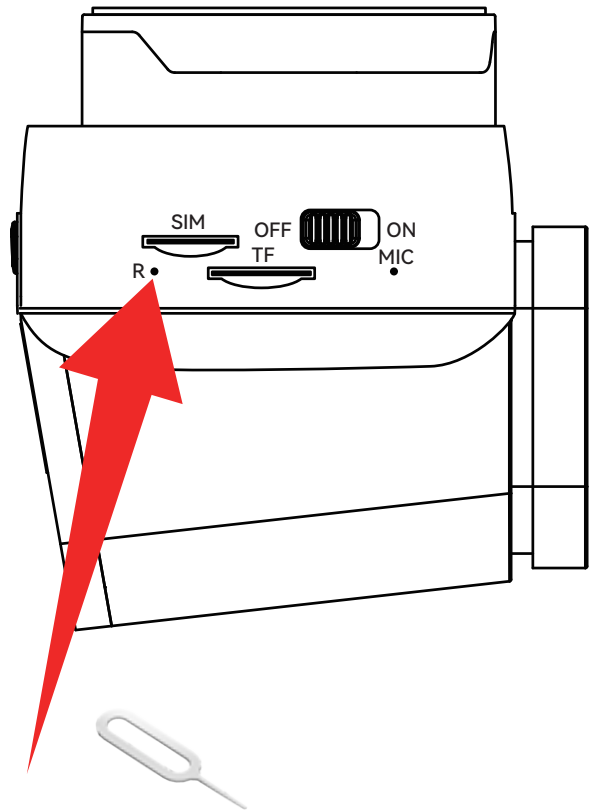
g) Solid red light: Poor signal preventing network connection. Please confirm that the location has a good 4G signal.

h) Red and blue lights flash quickly at the same time: SIM card issue, cannot connect to the network. Please replace the SIM card.

15. Unable to complete pairing?

If the device can't pair with the App and keeps loading on this page, please reset the device and try again. Still not working, please contact our support team for further support.

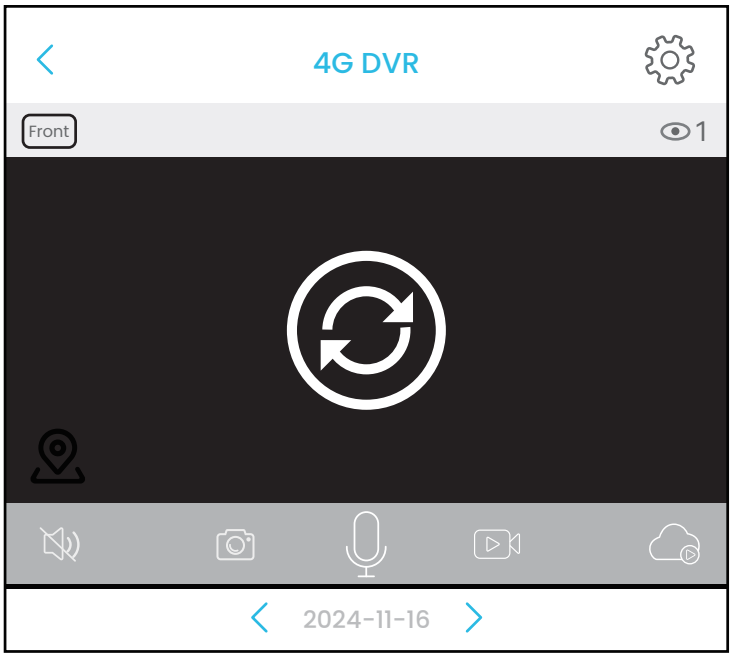




Use the card pin insert into the Reset hole and hold 3 seconds

16. Can’t connect the dash cam for remote live-view even the 4G LTE is available?

Please exit this page and reenter, or press the refresh button, you can turn off the cellphone wifi and turn on the cellular data to reconnect it. This problem may occur when the 4G signal is weak or is interfered by other networks.



17. Explanation about the normal loop recording video files.

To make more efficient use of the memory card's storage, we have specifically added targeted algorithms to generate video files. By default, a video file is created every 3 minutes or 64MB, whichever condition is met first. If the camera is focused on a simple scene, such as a complete darkness , a 1-minute video may be less than 10MB. However, if the scene outside the camera is more complex, for example, a busy street, a 1-minute video could be more than 64MB. In this case, a 64MB video file will be saved previously (with the video duration corresponding to just over a minute).

Designed By FOCUWAY

RoHS Model : L7

Made in China

FOCUWAY LTE Car Security Camera Dual Channel