

Dash Camera

User Manual



Dear Customer :

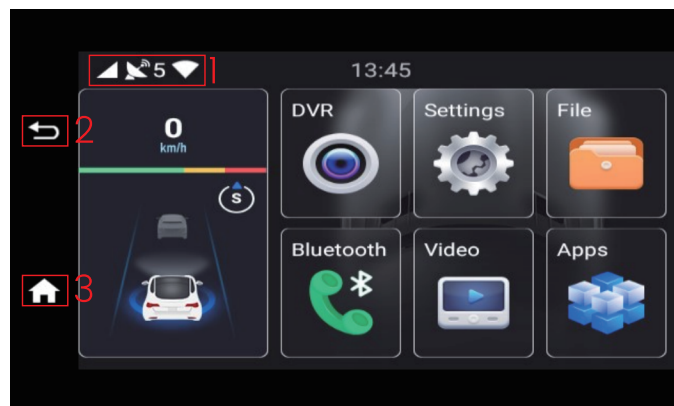
Congratulations and thanks for buying our product. It's our great honor to serve you with our product. Your appreciation is the motivation of us to moving forward. Please read the user manual carefully before using. The product feature may be slightly different from the real product due to the different production date and batch. Please take the product as final standard.

Part one: Size and interface



Part Two: Main UI introduction

After we connect it power and turn it on, we will see the UI as below



1 Key: show the status of 4G and WIFI

2 Key: back to last page

3 Key: back to home

DVR: when we click it will enter into the recording mode

File: check the files in the dash cam.

Bluetooth: make it pair with the phone, can call or make a call directly.

Video: check the video files in TF card

APP: click it to check all the apps installed into the dash cam

Part Three: the function in the DVR

[DVR]



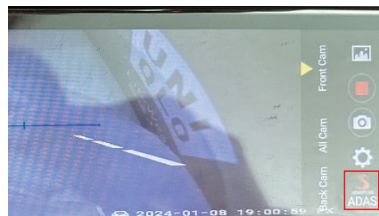
After we click the DVR in the main UI, will enter into this UI.

- 1 To check the picture stored in this dash cam
- 2 To stop or start the recording
- 3 Mean capture one picture
- 4 Setting the parameter related with the recording
(please check below picture for setting)

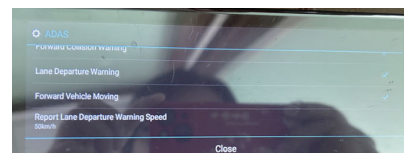


[ADAS function]

When we enter into the DVR, we will see like this

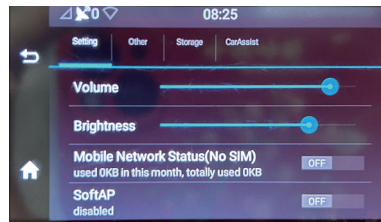


There is the ADAS on the right corner, and after we click the ADAS, we can set it Like below

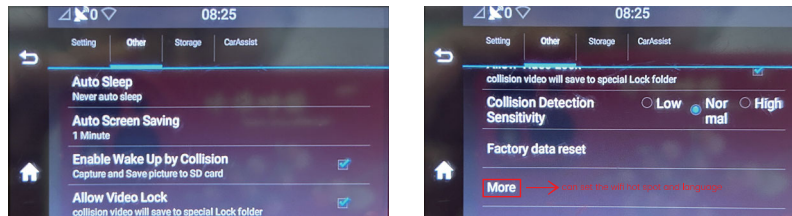


[Setting]

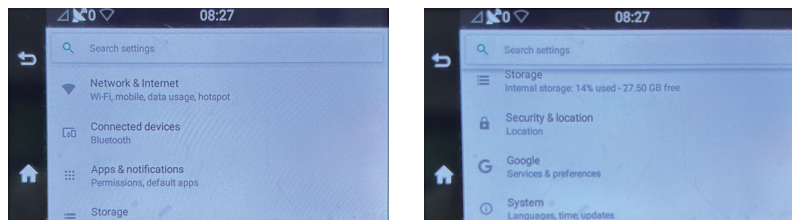
When we click the setting, we can set the parameter as below:
we can set the volume and screen brightness,
open or close the mobile data usage



[Other]



In others, you will see the “more” click it, and we can set the WIFI hot spot and language. Its setting menu as below for your check:

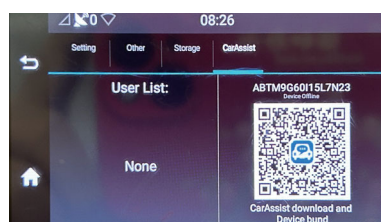


[Storage]

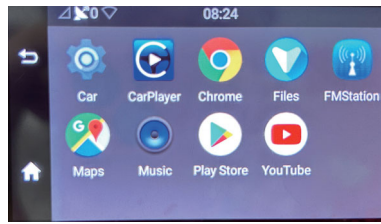


[CAR ASSIST]

If we want to bind the phone and with this dash cam, we find this QR code, Make the dash cam connect to 4g network, so that it is online.



[APPS]



Part Four: Remote monitor with APP

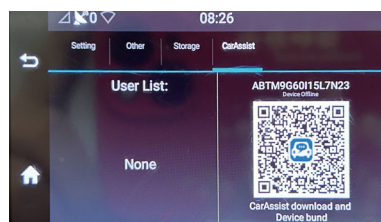


Method 1: Scan the QR code: Use the mobile phone software (such as: WeChat, Browser etc) to scan above QR code, or go to the website: <http://www.carassist.cn> to download and install the application.

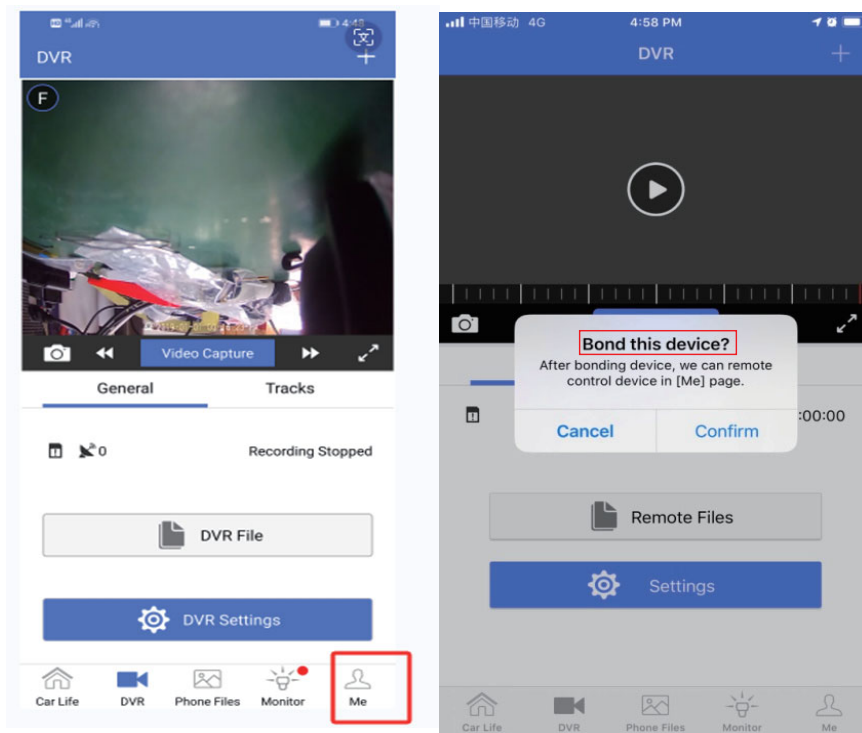
Method 2: Search the APP name “Car Assist” on Google Play or APP store , find this application to download and install.

1. Login to use

You could use wechat, facebook or register one user name and password to log in CAR ASSIST app.

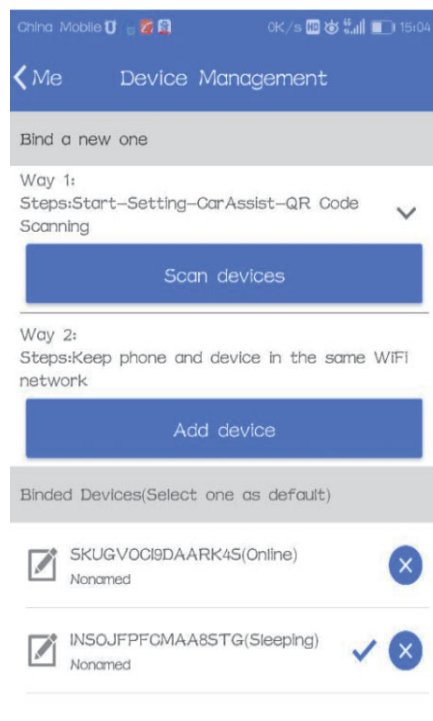


Need the dash cam online (make it connect to 4g network)
After you log in CAR Assist APP, you will see there is “me” click it, will see devices then add devices, there are two way, one is via the direct WIFI, one is scan the QR code on the dash cam. Then scan the above QR code in the setting, it will send one bind request to the dash cam, Click confirm on dash cam, the phone and dash cam are bonded together.



2. Vehicle management:

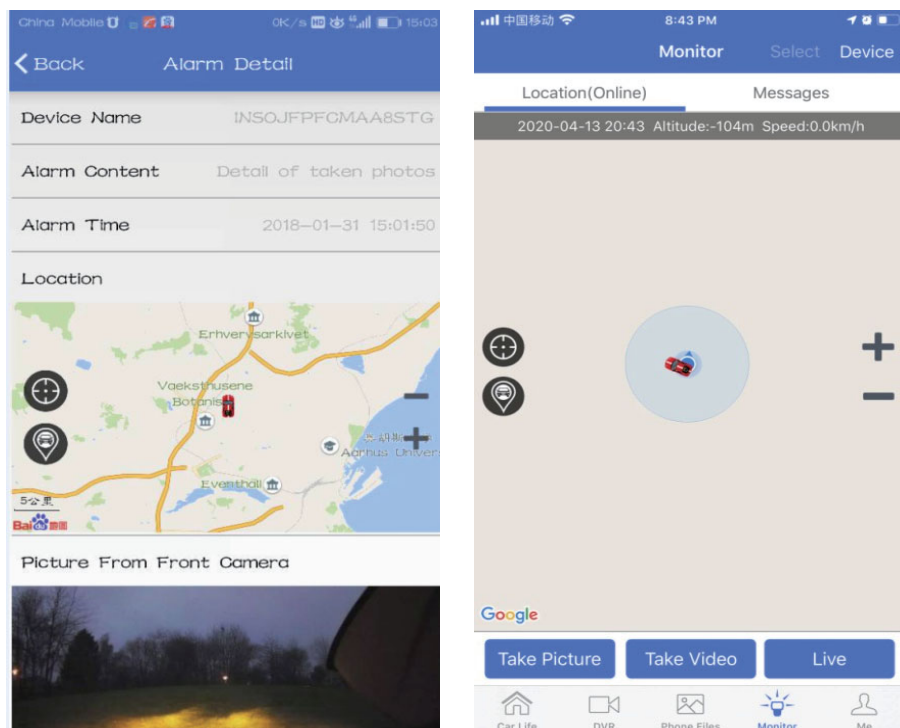
One user (account) can be connected with multiple devices (dash camera). One dash camera device can be connected with multiple users at the same time. Plus, you can freely re-name the device to distinguish different camera device, as below image:



1. Cloud functions description (Please make sure both camera device and mobile phone are power on status and with different network)

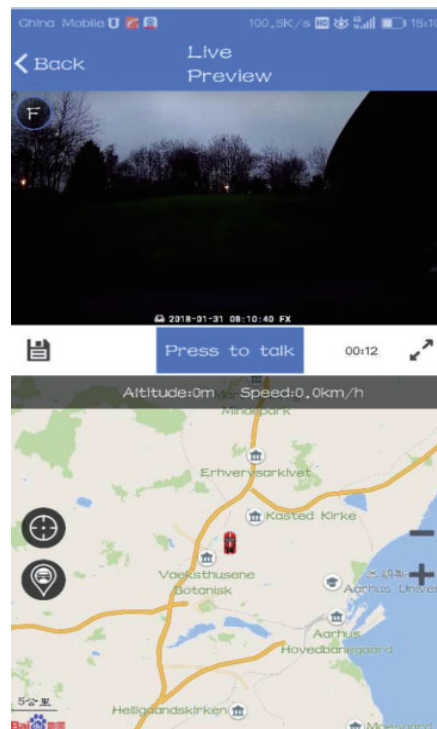
3. Vehicle Monitoring Alarm

When something hit or collision happened to the device, and you want to see what happened to the car , then you could open the Car Assist app's Monitor function to remotely "Take picture" or "Take Video" to see the situations. The device will capture a 720P picture / 10S video of the front and inside cameras in a short time, and upload (takes 5S-10S) to the binding mobile phone. At the same time, the file is saved in the snapshot folder of the phone file. Users can browse from their mobile phones at any time, edit it and share, as below image:



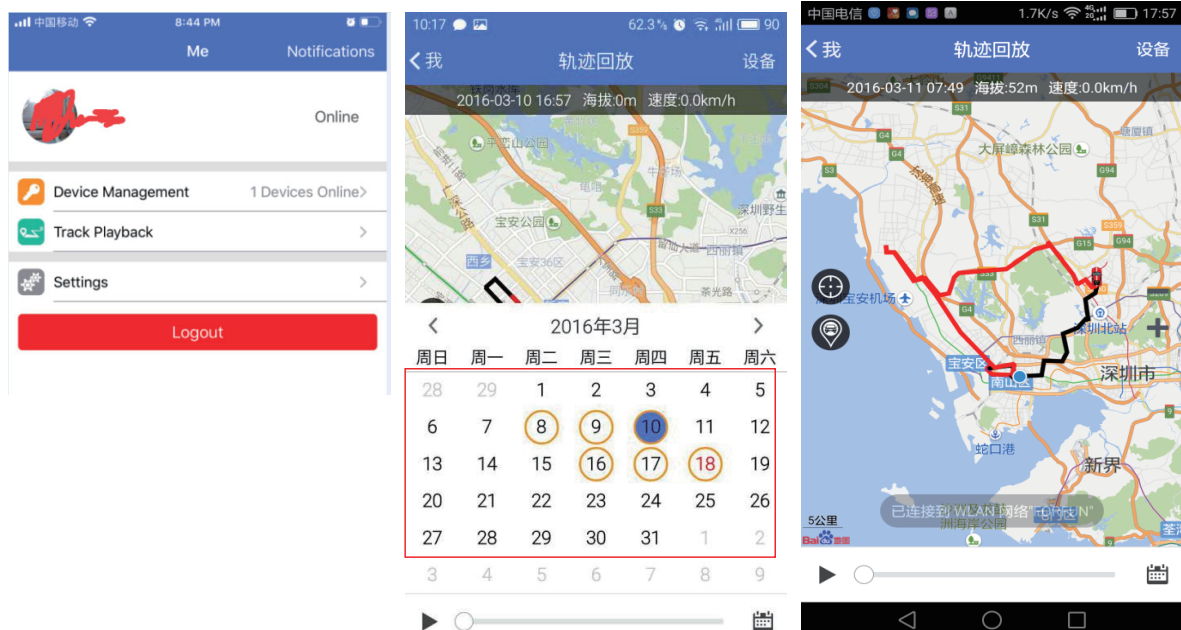
4. Remote Live Intercom (Two-Way Talk)

Enter the Live menu, user could live view and intercom remotely with driver anytime anywhere , just click the "Press to talk" button. Plus, you could save the video file as you want when live view.



5. GPS Track playback

User can enter the “Track Playback” to check the vehicle location and playback the car driving GPS trace in the past day or any previous date & time . Different time GPS traces will be marked with different colors and then be distinguished , as below:



6. Dual screen interconnection display with smart device (Mobile Phone / Android DVD player), please connect device's WiFi hot spot firstly and ensure at the same network.

After mobile connecting this device's WiFi hot spot , then you could

enter the “DVR” menu to see video and image from device. This function is based on WiFi interconnection, no need network traffic data support.

7. Real-Time 1080P /720P Preview Playback

Users can preview 1080P /720P driving videos (full screen) in real time through their mobile phones.

And could playback any video files anytime.

8. One-Click Video Capture

In the preview interface, users could click “Video Capture” button to take one 10 seconds duration video file (-5s, +5s)

9. Quick Settings

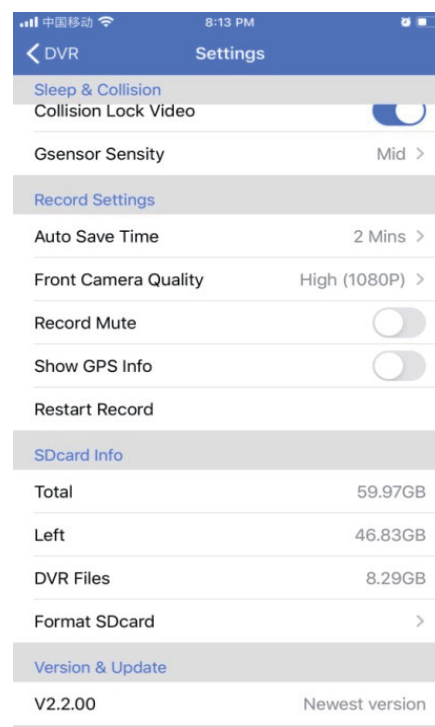
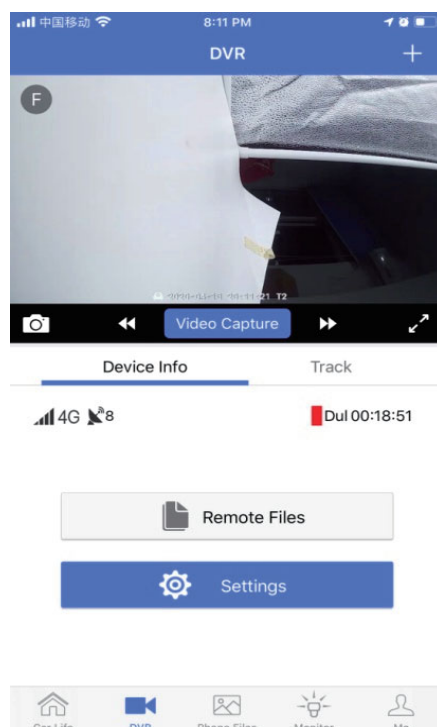
Users can enter the “Settings” menu to make quick settings , like adjust volume , G-Sensor sensitivity , loop recording time, record mute , WiFi name and password , and so on.

10. Record Video in Real Time with GPS data information

All video files are come with date & time , speed , and gps log information in real time.

11. Real- Time Playback

Users can preview any video files from device in real time through the CarAssist APP, and can choose view online (buffer 1-3 seconds). If long-press the video file, it could be downloaded into the corresponding folder of mobile phone, no need network traffic data support, and you could edit and share the video files.





Part Five: Install

1. Close the car engine
2. Insert the TF card and SIM card into this dash cam
It can support max TF card 128G with class 10 or above. You can use the 4g SIM card that support FDD LTE B1/2/3/4/5/7/8/12 band.
3. Fix the dash cam on the front wind screen with the 3M sticker in package
4. There are 3 wires in the original convert adapter in the standard package
yellow wire connect to the long power of car fuse box (mean even engine off still have power supply)
red wire connect to ACC; Black wire connect to ground.
5. Install the rear camera over the car plate in the back of vehicle
6. Adjust the back cam view so that make it Parallel to ground level
7. Insert the GPS antenna, back cam in the dash cam.
8. Start the car engine to check whether the dash cam switch on if everything is correct, once we give power to this dash cam, and insert TF card, it will begin to record.

APN settings: Settings – Advanced – Network and Internet – Mobile Network – Advanced – Access Point Name (APN) – Click "+" to add various information of APN, mainly modify the name, mcc, mnc, apn;

Part Six: specification

Processor and memory	
Processor	Spreadtrum SL8541E,quad-core, Cortex-A53@1.4GHz Mali820@680MHz
Operation system	Android 10 with RAM2G and ROM32G
Hardware part	
Front Camera	C2053 image sensor, view is 135 degree
Rear Camera	1080*720P view is 125 degree
Screen size	3inch touch screen display resolution is 640*360P
Video format recorded	TS H.264
WIFI hot spot	Support
Bluetooth	Support
4G network band	4G network band: FDD LTE B1/2/3/4/5/7/8/12
G-SENSOR	Support
Voice record	Support
GPS navigation	Support
Photo Capture	Support
Reverse parking view	Support
Software part	
Video recorder & navigation	High definition DVR

Bluetooth hands free	Support
ADAS function	Support LDWS, FVWS, FCWS
4G and hot spot	Sharing hot spot to any device needed
Language	Multi language supported
Loop recording	1 minute, 3 minutes, 5 minutes
Date, time mark on video	Support

FCC Warning:

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.

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.