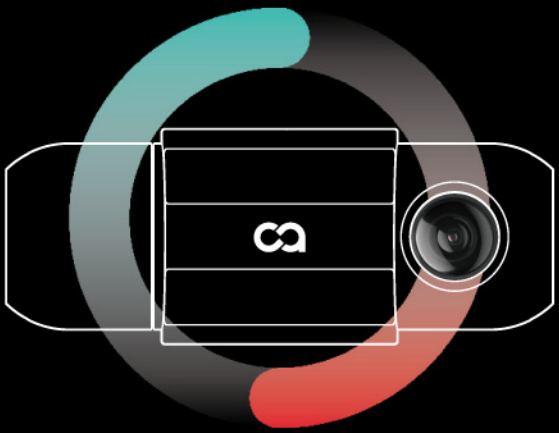
COOAU



D30S DUAL DASH CAM

User Manual

V1

Scan the QR code to
extend the warranty

Scan the QR code to
download the APP

support-us@cooau.com

FCC Statement

FCC Statement

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.

FCC CAUTION: Any changes or modifications not expressly approved by the party responsible for compliance could void 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.

FCC Radiation Exposure Statement:

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.

FCC ID: 2AYHB-D50

CONTENT

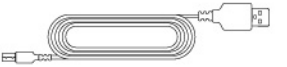
1. Packing List ---------- 1
2. Tips ---------- 2
3. Camera Overview ---------- 7
4. Screen Overview ---------- 10
5. Getting Started ---------- 12
6. Basic Operations ---------- 18
7. Specifications ---------- 43
8. Warranty & Support ---------- 43

1. Packing List

COOAU D30S Dual Dash Cam

Car Charger

Suction Cup Mount



USB Cable(11.81ft)

User Manual

2. Tips

2.1 Super Capacitor

1. The dash cam adopts built-in super capacitor,which is only for emergency file back up and setting saving and has a longer service life than a common battery.
2. Once the power supply is disconnected,the super capacitor won't provide constant power to support the normal operation of the camera.So,if you cut off the power,the camera will power off immediately, which is a normal situation.
3. When you connect the cam to the power supply, the camera will automatically turn on and start recording.

2.2 Indicator Lights

1. The blue light is the power indicator and will remain on when the cam is turned on.The light will turn off when the camera is power off.
2. The red light is the video indicator which will flash while the cam is recording and will turn off when video recording is paused.

2.3 First Boot

1. If you turn on the camera for the first time or every time you restore the cam to default settings,it will jump directly into the settings,namely language setting,time setting and speed unit setting.
2. If the SD card is not inserted,which prompts you to insert a card.
3. If the card is inserted,the cam will jump to an interface which prompt you to format the SD card.

2.4 Use of SD Card

1. Please format the SD card to exFAT or FAT32 in computer and then format it on dash cam before use. (If your SD card

is 32GB format it as FAT32, if your SD card is 64-256GB, format it as exFAT.)
2. We recommend formatting the SD card every two weeks so that the SD card will have a longer life.

2.5 About the APP

2.5.1 Download the APP

1. Search the keyword "COOAUDash" or "Aoni CarDVR" in the APP Store or Google Play to download the APP.
2. Scan the QR code on the manual or package to download the APP.

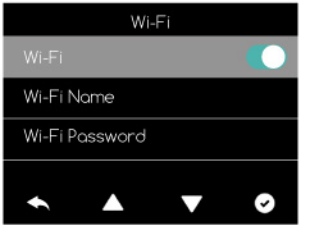
COOAUDash

Aoni CarDVR

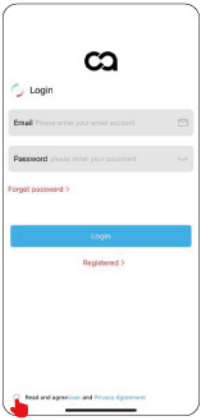
Scan to download the APP

3. We are compatible with "COOAUDash" or "Aoni CarDVR".
4. In order to continuously optimize the customer experience, APP may be updated from time to time. APP may be slightly different due to upgrading and maintenance, which does not affect your normal use.

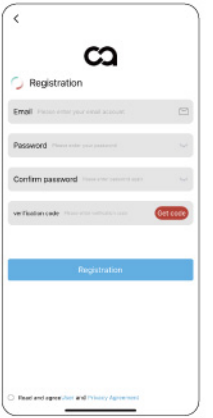
2.5.2 Connect the APP



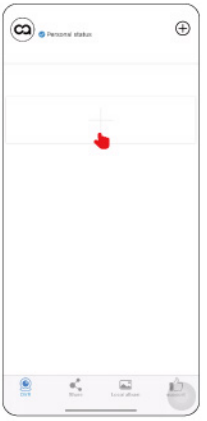
① Please turn on WiFi in the camera.
(Wi-Fi name: COOAU-D30S-XXXX,
Default password: 12345678)



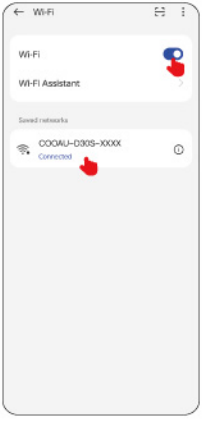
② Turn on the APP and log in.(New users need to registration before logging in)



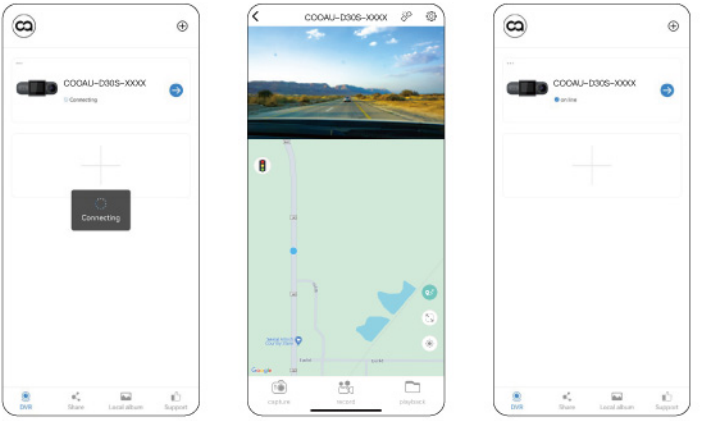
③ Registration (Password need English letters and numbers)



④ Tap"+"to add camera.



⑤ Choose connect WIFI and enter password "12345678" to join it.



⑥ Connected successfully: Return to the APP, it will automatically display the real-time stream of the dash cam.

2.5.3 Tips of the APP

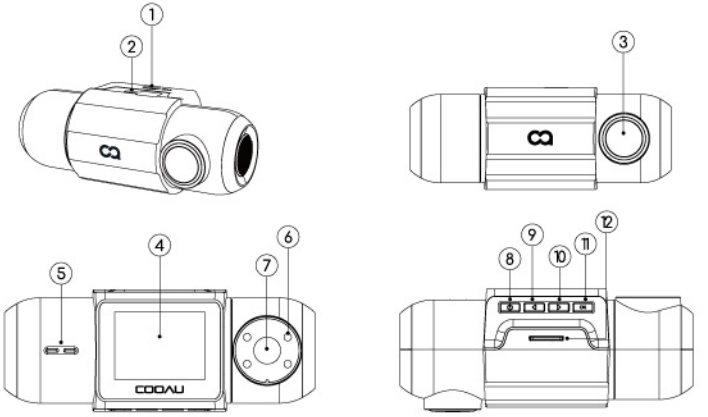
1. The first time you use the APP, you need to register an account and authorize the location and network through the Internet, this is to protect your data privacy and allow you to control the camera through the APP smoothly.
2. The camera's WiFi is only used for data transmission between the camera and the APP, it does not have the function of internet access to provide remote service, we recommend you to stay connected within 5-10 meters.
3. Please feel free to contact us **(support-us@cooau.com)** if you have any trouble with this process.
4. The camera can record normally even without the APP. Don't worry about the camera stopping working when your phone is not with you.

Scan the QR code for FAQ &
Troubleshooting Guide

2.6 Auto Overwrite

The camera will automatically overwrite the locked files once the "emergency file" reaches 40% of the card capacity. Please regularly transfer important videos to your PC or other devices.

3. Camera Overview



NO.	Name	Description
1	Micro USB Charging Port	USB port for charging or transferring files.
2	Mount Slot	Connects to the suction cup mount.
3	Front Camera Lens	Front camera for capturing the road ahead.
4	LCD Screen	1.5 inch LCD screen.
5	Indicator	Flashing Red: Recording; Steady Blue:Charging.
6	IR LED Lights	4 IR lights enhances the night vision in car.
7	Inside Camera Lens	Inside camera for recording in-car situation.
8	Power/Emergency/ Menu/ Back Button	1. Long Press It to Power ON/ OFF. 2. Under Video Mode: ① Recording: Short press it to manually lock files to reserve important videos during recording; ② No Recording: Short press it to go to menu. 3. Under Menu Mode: Short press it to return to the previous menu.

9	Photograph Mode/Up/ Delete Button	1. Under Video Mode: Short press it to enter photo mode; 2. Under Photo Mode: Short press it to start photographing; 3. Under Navigation Menu: Short press it to select upward; 4. While Viewing Files: Short press it to delete files.
10	Display Option/Down Button	1. Under Video/Photo Mode: Short press it to select different display options: Front Camera, Inside Camera, PIP Front Full Screen, PIP Inside Full Screen; 2. Under Navigation Menu: Short press it to select downward.
11	OK/Pause/Play/Video Mode Button	1. Confirm option; 2. Under Video Mode: stop/ start the video recording; 3. While Viewing Files: play/ pause the video; 4. Under Photo Mode: press it to go back to video mode.
12	SD Card Slot	Read SD card

4. Screen Overview

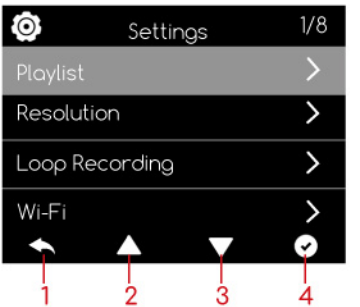
4.1 Recording Mode

1. Recording	8. Loop Recording Interval
2. Recording Time	9. GPS:Strong GPS Signal / No GPS Signal
3. Video Resolution	10. Current Date/ Time/Speed
4. WiFi is ON /OFF	11. Emergency Recording
5. Parking Mode is ON/OFF	12. Snapshot
6. Motion Detection is ON/OFF	13. Display Option Switching
7. Sound Recording is ON/OFF	14. Pause Recording

4.2 Non-Recording Mode

1. Remaining recording time of the card	3. Sound Recording ON /OFF
2. Menu	4. Recording Video

4.3 Menu Mode



1. BACK	2. UP	3. DOWN	4. OK

5. Getting Started

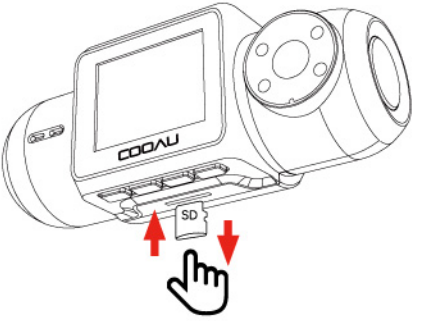
5.1 Insert the SD Card

5.1.1 The Precautions of SD Card (Not Included)

1. Support U3, Class10, 32-256GB SD card.
2. We recommend using an SD card from well-known brands such as Samsung and Toshiba.
3. Please use genuine SD card, avoid using fake brand SD card or low speed card, they are not suitable for high-end dash cam, which may cause the video to be missing, can't be saved, can't be recorded or even the camera will be damaged.
4. Each card has a limited number of times it can be written to and erased. It is normal for the card to develop problems after a long period of use. If you experience any problems, please contact our customer service (support-us@cooau.com).

5.1.2 How to insert the SD Card.

1. Please insert the SD card as the following picture shows. (Pay attention not to insert in a wrong way or the card will get stuck and break the cam.)
2. Gently press the card inward and is will pop out.



5.2 Format the SD Card

To format the SD card correctly

1. If your SD card is 32GB, format it as FAT32, if your SD card is 64-256GB, format it as exFAT;

2. Press power button to enter menu; if the dash cam is recording video, press OK button to stop the recording first;

3. Press Down button to choose the"Format Memory Card" option, press OK to Format.

Note

1. Please use a genuine SD memory card of 32GB to 256GB with speed class 10 or above.

2. If you don't know how to format it, please contact us (support-us@cooau.com) for more information and help.

3. We recommend formatting the SD card once every 2 weeks to maximize the life of the card.

4. Do not remove or insert the SD card while the camera is on, this will cause the camera to shut down and may damage the card or cause data loss.

5.3 Install the Dash Cam onto the windshield

5.3.1 Before Installation

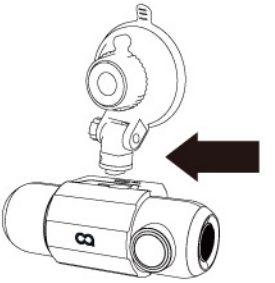
1. Package contents: Make sure you have all the components listed in the package.

2. Choosing the ideal location: choose a suitable location to install the camera. The camera should be positioned to capture the road ahead.

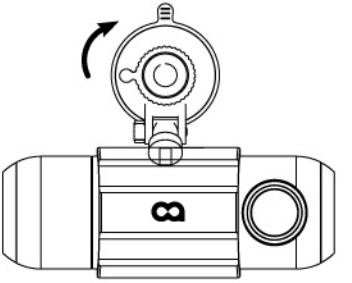
3. Prepare the vehicle: park the vehicle in a safe location and turn off the ignition before starting the installation.

5.3.1 Installation of Suction Cup Mount

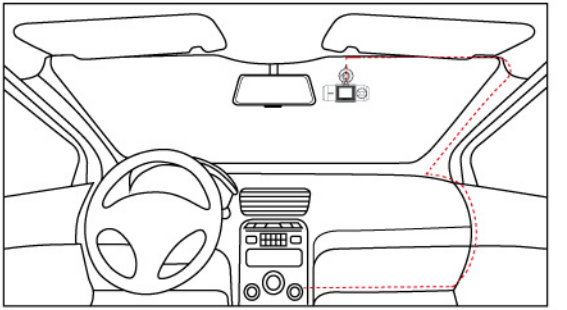
1. Install the suction cup mount onto the mounting connector of the dashboard camera by pushing it in until it is in place.



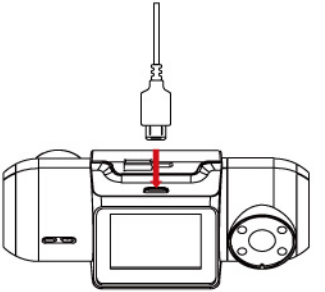
2. Clean the windshield with water or alcohol.
3. Wipe the suction cup until there is no dust on it.
4. Fix the suction cup onto the windshield and rotate the locking lever on the suction cup upward by 90 degrees until it clicks into place.



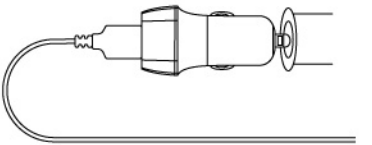
5. Carefully route the power cable around the windshield and tuck it under the trim.



6. Connect the provided car charger to the charging port on the dashboard.



7. Plug the charger into a 12V socket, 12V accessory power, or USB port to obtain power.



8. Start the car.
9. The dashboard camera will automatically power on and start recording.

5.3.3 After Installation

1. Test the camera: Make sure the camera is working properly and capturing clear video.

2. Adjust: If necessary, fine-tune the camera angle and settings to achieve optimal recording quality.

3. Regular maintenance: Check the camcorder regularly for dust, debris or obstructions that may affect recording quality, clean the camcorder lens and adjust the angle if necessary.

4. For further assistance or troubleshooting, please contact our customer service at support-us@cooau.com.

Note

1. The suction cup mount is held in place by suction and may fall off after a period of use due to external factors (temperature, humidity, air pressure, etc.). If you live in an area where the climate changes significantly, we recommend that you reinstall the cradle every 2 months or so.

2. The suction cup mount is easy to install and remove, allowing you to move it to another vehicle or location.

3. High temperatures can cause the suction cups to deteriorate. If your mount keeps coming off easily, please contact our customer support team (support-us@cooau.com) for a free replacement mount or a 3M adhesive mount!

6. Basic Operations

6.1 Instruction for Menu Setting

6.1.1 Play List: Normal Video/Emergency File/Photo

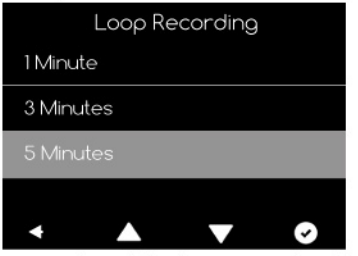
You can view the normal video, locked video and photo here. (Please go to chapter 6.2/6.3 for detailed steps on how to view, play and delete files.)

6.1.2 Resolution: Front camera/Inside camera

- Default: Front camera 2560x1440P; Inside camera: 1920x1080P
- You are able to set the resolution of the front and inside cameras, and the inside camera can be turned off separately.

  Note: Once the front camera pixel selection of 3840 x 2160P is made, the inside camera will automatically turn off.

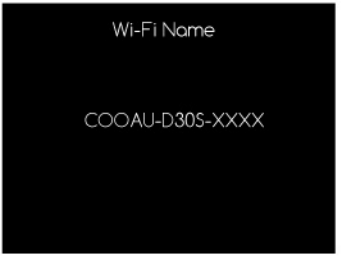
6.1.3 Loop Recording: 1-Minute/3-Minutes/5-Minutes (Default: 3 Minutes)



This function allows you to set the loop recording time. After setting the desired time, the camera will automatically save and start a new recording when the time is reached. When the SD card is full, loop recording overwrites the oldest video except for locked video.

During recording, the red indicator lamp and the red dot in the upper left corner of the screen will blink.

6.1.4 WiFi:On/Off (Default: On)



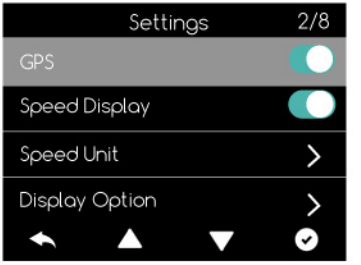
1. Wi-Fi name:COOAU-product series number;
2. Wi-Fi Password: 12345678;
3. This function is mainly used with the APP (COOAUDash).
4. The steps to connect WiFi:
   ① Turn on WiFi on the cam;
   ② Enter the WLAN of your phone and find the Wi-Fi named "COOAU-D30S-XXXX";
   ③ Connect it with the Wi-Fi password:12345678.
5. The steps to download the App and connect it to your cam:
   ① Search the keyword "COOAUDash" in the APP Store or Google Play to download the app. (APP NAME: COOAUDash)
   ② Turn on the app and click"Connect DVR"enter the app.
   ③ With the app connected with your cam, you can change

settings, record videos, view, download and share videos and pictures to social medias. In addition, video files with GPS information can be played on the App.

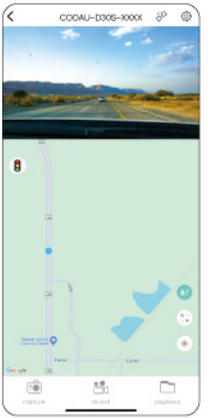
Note

1. After connecting your cam to the App, you can only operate the cam on your phone.
2. For more information on how to use the App, please go to chapter 6.2.2.

6.1.5 GPS: On/Off (Default: On)

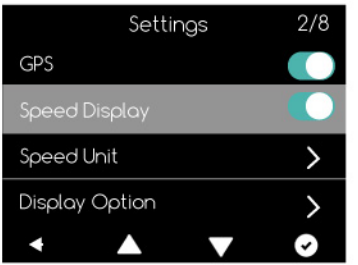


1. When the recorder obtains the GPS signal, the icon is white. When the GPS signal is not obtained, the icon is red.
2. GPS can record driving speed, latitude, longitude (coordinate) and driving route among which the speed, latitude and longitude (coordinate) are directly printed on the video as watermarking.
3. Turn on the driving route recording in the App COOAUDash, and you can play back the video and view the driving route in the App COOAUDash.



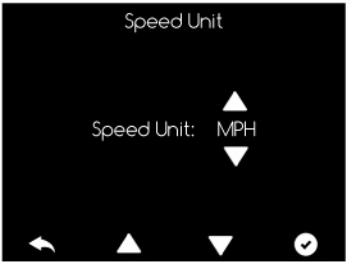
6.1.6 Speed Display: On/Off (Default: On)

When the program is turned on, the driving speed will be displayed in the video Stamp and screen saver, and it will not be displayed when it is turned off.



6.1.7 Speed Unit: KM/H,MPH (Default: MPH)

This is to set the speed unit of your car.



6.1.8 Display Option

- Front Camera/Inside Camera/PIP Front Full Screen/PIP Inside Full Screen
- Default: PIP Front Full Screen

1. Front Camera - The image captured by the front cam will be displayed in full screen.

2. Inside Camera - The image captured by the inside cam will be displayed in the full screen.

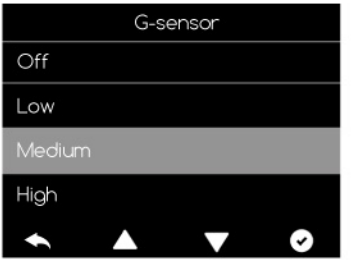
3. PIP Front Full screen - The image captured by the inside cam will be displayed in the upper left of the corner, while the image captured by the front cam will be displayed in the full screen at the same time.

4. PIP Inside Full Screen - The image captured by the front cam will be displayed in the upper left of the corner, while the image captured by the inside cam will be displayed in the full screen at the same time.

6.1.9 G-Sensor: Off/Low/Medium/High (Default: Medium)

1. Once the G-sensor detects collision and vibration, it will lock the current video clips to the emergency files folder automatically. The locked files won't be overwritten by loop recording. Important events will will be saved and can be used as evidence.
2. The camera will overwrite the oldest event videos once the"emergency file"folder accumulates 40% of the card capacity. Please regularly transfer important videos to your PC or another storage location (e.g.external hard drive). To maintain good read/write performance, the micro SD card should be formatted every 1-2 weeks.
3. There are 3 levels of sensitivity;High, Medium, Low. We suggest

you should select medium because high sensitivity will result in many unnecessary video clips being saved to the emergency file.



6.1.10 Parking Monitor (Default: Off)

• Time-lapse/Motion Detection/Parking Mode/Off

When the camera detects that the ACC power is off (the car is parked and turned off), it stops recording and saves the current video, turns off the screen and enters standby mode.

You can select one of the following modes:

1. Time-lapse: After the car is turned off, the camera records at a frame rate of 1 frame per second until the car is started again. The video is saved in the normal file.
2. Motion detection: After the car is turned off and the camera is in standby, if the camera detects movement in front of the lens, it starts recording 30 seconds of video and saves it to the normal file. (During video recording, the camera screen is off, the blue indicator light is always on, and the red indicator light blinks.)

① If the imager continues to detect a moving object in front of the lens while recording 30 seconds of video, it will continue to record video for up to 5 minutes (maximum setup time for loop recording).

② If no object is detected in front of the lens during 30 seconds of video recording, the camera will stop recording and return to standby mode.

3. Parking mode: After the car is turned off and the camera is in

standby mode, once the camera detects a collision (triggering the G-Sensor), it will start to record 30 seconds of video and save it to the emergency file. (During video recording, the camera screen is off, the blue indicator light is always on and the red indicator light is flashing)

① If the G-SENSOR continues to detect a collision while the imager is recording a 30-second video, the imager will continue to record video for a maximum of 5 minutes (Maximum setup time for loop recording).

② If the G-SENSOR does not detect a collision while the camera is in the process of recording 30 seconds of video, it will stop recording and re-enter standby mode.

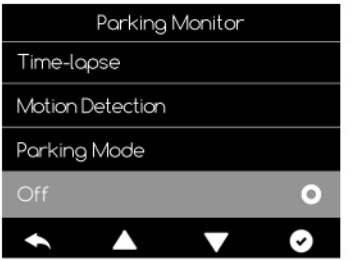
③ When the car restarts, the dash cam will play a voice reminder: "Parking mode was activated while you were away". Prompt the user to view the emergency video.

4. Off: If the camera is not powered by the ACC hardwire kit or this mode is selected, the camera will shut down during parking and will not start recording.

Note:

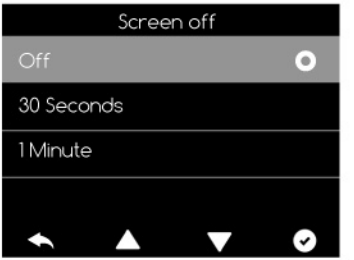
Continuous power supply is required to realize parking monitoring, please use the ACC hardwire kit (ACC, BATT, GND) with micro USB to connect the camera to the car's power supply.

Hardwire kit not included. Any question, please contact our after-sales team (support-us@cooau.com).



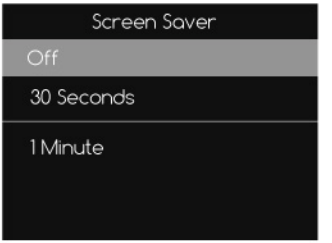
6.1.11 Screen Off: Off/30 Seconds/1 Minute (Default: Off)

If you do not operate the camera during setup, the screen will automatically close. The screen saver will not affect normal recording. You can press any button to return to the recording interface.



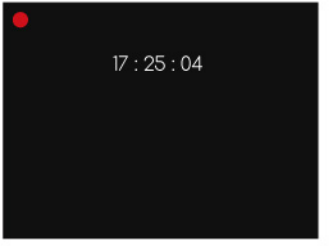
6.1.12 Screen Saver: Off/30 Seconds/1 Minute (Default: Off).

If you have no operation on the camera during the setting time, the screen will automatically go off. The LCD displays the time and the upper left corner displays the red dot. Screen saver will not affect the normal recording. You can press any button to return to recording interface.



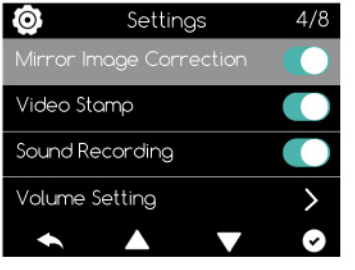
Note

1. When the screen off program and the screen saver program are turned on at the same time, the camera only executes the screen off program.
2. The screen off program needs to be turned off to execute the screen saver.



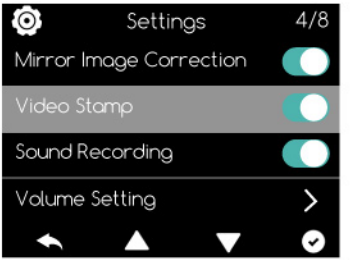
6.1.13 Mirror Image Correction: On/Off (Default: On)

Turn this function on and the image of the inside camera will become normal in the screen.



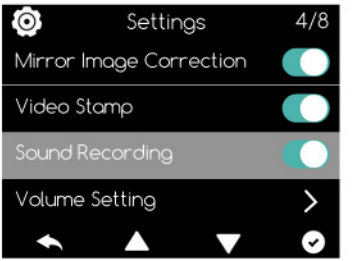
6.1.14 Video Stamp: On/Off. (Default: On)

If you turn it off, the COOAU, GPS information and time watermark will be removed from the videos



6.1.15 Sound Recording: On/Off. (Default: On)

You have the option to turn audio recording on or off. This can help protect your privacy.

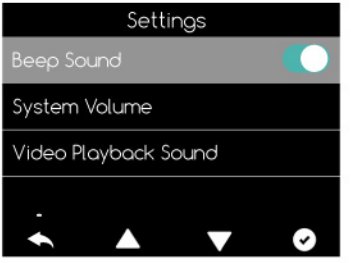


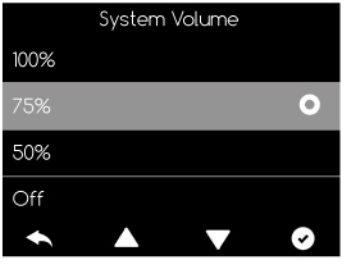
6.1.16 Volume Setting

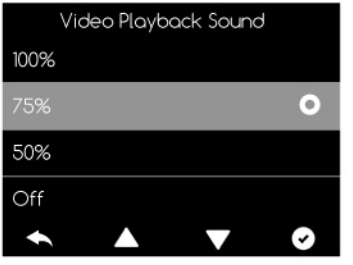
1. Button Beep: On/Off. (Default:On)
2. Turn on/off the"beep"when you operate the camera.
3. System Volume:100%/75%/50%/off (Default:75%)
4. Video playback Sound:100%/75%/50%/off (Default:75%)

Note

When you turn it off, this does not affect the sound recorded by the camera itself.

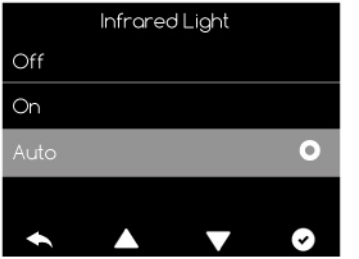






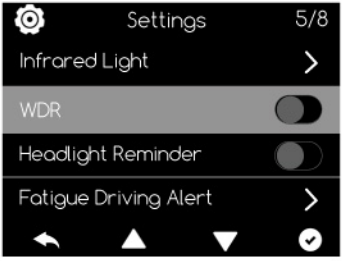
6.1.17 Infrared Light: On/Off/Auto(Default: Auto)

1. The IR light is invisible in order not to affect driving safety. The IR light helps a lot during night recording.
2. The images turns into white and black when Infrared LEDs is on.



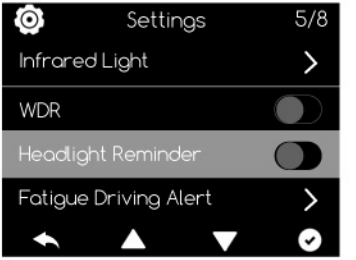
6.1.18 WDR: On/Off. (Default: Off)

Suitable for situations like low light or backlight, WDR is able to restore the true colors of objects to the greatest extent.



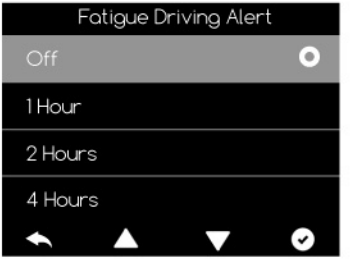
6.1.19 Headlight Reminder (Default: Off)

1. Options: On, Off
2. When this function is turned on, if the light in front of the vehicle is too dark, the trip recorder will pop up a window to remind you to turn on the headlights.



6.1.20 Fatigue Driving Alert: Off/1 Hour/2 Hours/4 Hours. (Default: Off)

When the time interval you set finishes, there will be a sound reminding you to get some rest after a period of driving. You can set your own fatigue driving time according to your mental condition and traffic regulations.



6.1.21 EV Setting

1. +2.0,+1.7,+1.3,+1.0+0.7,+0.3,+0.0-0.3,-0.7,-1.0,-1.3,-1.7,-2.0
2. When shooting the sky, water and other scenes, the image tends to be black, the image is discolored and easy to be distorted. How to solve this problem?
3. Cause analysis: in a scene that has large contrast, the camera's auto exposure function will be affected and thus causing image color change.
4. Solution: It can be corrected by adjusting the EV Setting. Higher value means brighter image.

6.1.22 Frequency: 50Hz/60Hz. (Default: 60Hz)

Please choose the proper one according to local situation.

Note

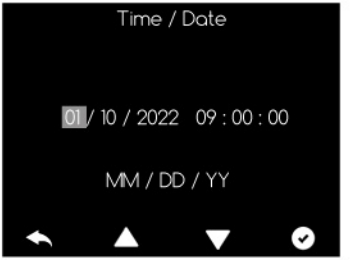
The screen will appear horizontal stripes interference during the recording because of the wrong setting of frequency.

6.1.23 Time/Date

1. Press UP or DOWN button to select date and time values.
2. Press OK to switch to next item.
3. After all items are changed, press the OK button to save and exit.

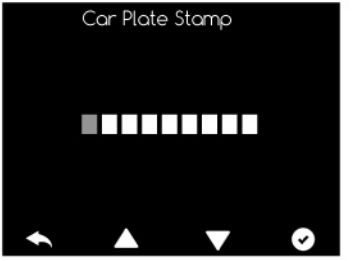
Note

All the time and date setting won't be saved if you press the back button to exit.



6.1.24 Car Plate Stamp

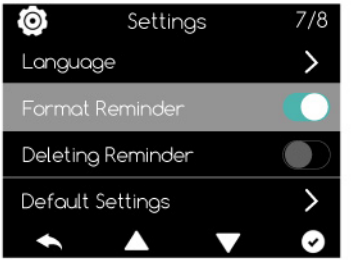
1. Preset 9-character positions, each with the optional letter a-z and the number 0-9.
2. If you set your car license plate, they will be printed on videos as watermarking.



6.1.25 Language: English/ 日本語 /Deutsch/Français/ Italiano/Español/ 简体中文 . (Default:English)

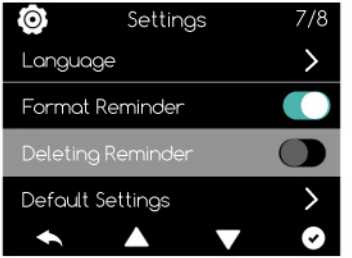
6.1.26 Format Reminder: On/Off. (Default: On)

This function is to remind you to format the card regularly.



6.1.27 Deleting Reminder: On/Off. (Default: Off)

1. The camera will overwrite the oldest locked video once the emergency file accumulates 40% of the card capacity.
2. When the emergency file is over 30%, the camera will remind you every 5 minutes. If you turn it off, the system will overwrite automatically.
3. Prompt Content:Please delete locked files or save them to other device.

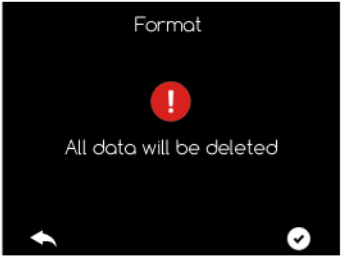


6.1.28 Default Settings

Pressing "OK" will restore all settings to the initial factory settings.

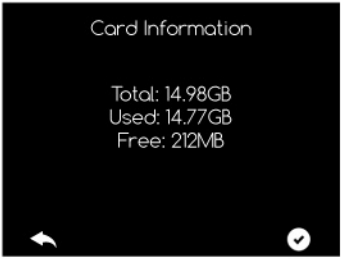
6.1.29 Format

Press "OK" to delete all data.



6.1.30 Card Information

View the storage information.



6.1.31 Version

View the software information.

Please note: Our camera may undergo periodic updates that include bug fixes and changes to the user interface (UI). As a result, the screenshots you see in the manual may differ from the actual UI of the camera you receive. Please don't worry, the basic framework of the camera hasn't changed much. You just need to follow the instructions to use it properly.

6.2 Viewing Video/Photos

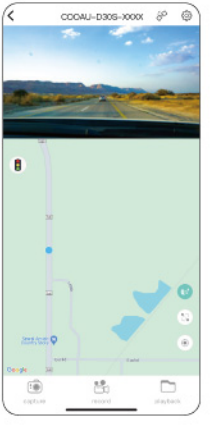
6.2.1 Viewing Video/Photos on the Camera

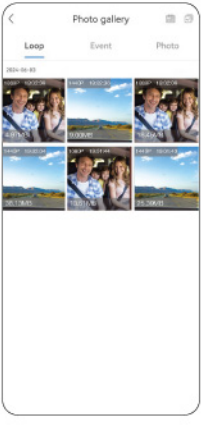
1. Go to "Playlist"
2. Press OK and UP/DOWN button to navigate to "Normal Video" / "Emergency File" / "Photo" to view and playback videos or photos on camera.
3. Press the UP/DOWN buttons to select the file and press "play" button to playback/pause.

6.2.2 Viewing Video/Photos on the APP

If you want to view all files on the APP, please follow the steps as below.

1. Click "Connect DVR"
2. Click "Enter DVR"
3. Click " Albums"
4. You can view the videos and photos on your phone.
5. There are "Loop", "Event" and "Photo" to choose.

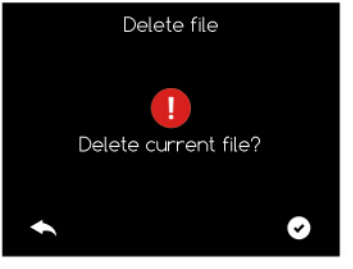




6.3 Delete Video/Photos

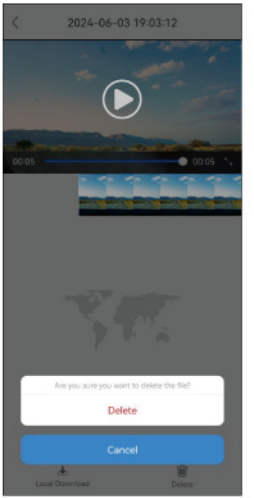
6.3.1 Delete Video/Photos on the Camera

Go to Normal file / Emergency file / Photo, playback the video on the dash cam, press delete button and choose "Yes".



6.3.2 Delete Video/Photos on the APP

To delete files on the APP, click the “delete” button, then click “OK”.



7. Specifications

Model	COOAU D30S
Display	1.5 inch LCD screen
Languages	English/ 中文 / 日本語 /Deutsch/ Français/Italiano/Español (Default: English)
Video Resolution	Front Camera: 2160P/ 1440P/ 1080P/ 720P Inside Camera: 1080P/ 720P/ Off
Image	JPEG format
Audio	Built-in microphone and speaker
Memory Storage	External: Micro SD Card (32GB to 256GB Card in FAT32 or exFAT, Class 10)
USB Port	Micro USB

8. Warranty & Support

- The COOAU D30S Dual Dash Cam comes with a 24-month warranty that can be activated.
- If you have any questions, please contact us at support-us@cooau.com , we will reply you within 24 hours.(There is time difference. So please do not worry. We will definitely get back to you as soon as we see your message).
- COOAU is firmly committed to improving our products, services, and user experience. Any constructive suggestion for the development of our products is welcomed by us.
- E-mail: support-us@cooau.com
- Thank you for choosing COOAU!

2 YEARS WARRANTY

Activate Warranty

1. Scan the QR code to activate the warranty immediately and extend the warranty to 24 months;
2. Enter the URL: www.cooau.com to activate the warranty.

Download the APP

Scan the QR code or search the keyword "COOAUDash" in the APP Store or Google Play to download the app.
(APP NAME: COOAUDash)

Help and Support

When you have a problem, you can scan the QR code below to check; or contact the after-sales team directly by email, we will reply your question within 24 hours on working days.

Any questions, please feel free to contact us.
(support-us@cooau.com)

FCC ID: 2AYHB-D50 Model: D30S
株式会社成洋 Made in China

www.cooau.com R210-181421

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