



M53 DASH CAM

User Manual

FCC Statement:

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions.

- (1) This device must not cause harmful interference and.
- (2) This device must accept any interference received, including interference that may cause undesired operation.

Warning: 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, according to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in residential installations. This equipment generates and can radiate radio frequency energy and, if not installed and used by 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 to a different outlet than the circuit to which the receiver is connected.
- Consult your dealer or an experienced radio/TV technician for assistance.

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 a minimum distance of 20cm between the radiator and your body.

FCC ID: 2AYHB-D50

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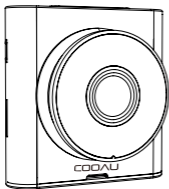
1. Introduction

Thank you for purchasing COOAU products. To ensure your experience, please read this instruction manual carefully before use. Please keep it for your convenience. If you have any questions or comments, please contact us via our official email address support-us@cooau.com.

The following are the precautions for using the dash cam:

- This product only supports a charger with an input voltage of 5V, otherwise it may cause damage to the machine.
- The memory card must be installed correctly to ensure proper function and video recording.
- When inserting or pulling out the SD card, please do so with the device off, otherwise it may easily cause abnormalities or damage to the device.
- Video files may be lost or damaged if the Micro SD card is removed during recording.
- The camera must be in normal video recording working condition to record video files.
- When using outdoors, please avoid high temperatures and direct sunlight.
- The camera must not be disassembled, hit or put into the fire.
- Video files may be lost or damaged if the camera is dropped or involved in a collision.
- Please use our original accessories and do not disassemble the product at will.
- Please observe the relevant nominal laws and registration and do not use this product for any illegal purpose!
- If you need more support or encounter any product problems, please contact our after-sales email: support-us@cooau.com.

2. Packing List



COOAU M53
Dash Cam *1



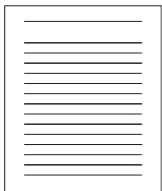
Suction Cup Mount *1



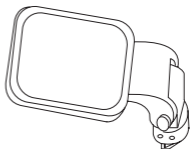
11.81ft USB
Data Cable *1



Car Charger *1



M53 Dash Cam
User Manual *1



3M Adhesive Bracket *1

3. Tips

3.1 Super Capacitor

- COOAU M53 dash cam adopts a built-in super capacitor, which is only used for emergency file backup and setting saving, it has a longer service life than ordinary batteries.
- Once the power is disconnected, the super capacitor will not provide constant power to support the normal operation of the camera. So if you cut off the power, the camera will immediately power off, which is a normal situation.
- When you connect the camera to the power supply, the camera will automatically turn on and start recording.

3.2 Indicator Lights

- 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.
- When the blue light is flashing, it means the machine is recording.

3.3 First Boot

- 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 and time setting.
- If the micro SD card is not inserted, you will be reminded to insert a SD card.
- If the card is inserted, the cam will jump to an interface which prompt you to format the micro SD card.

3.4 Use of SD Card

- Please format the Micro SD card to exFAT or FAT32 in computer and then format it on dash cam before use.
- We recommend that you format the memory card every two weeks to maintain good read/write performance,

but if you don't do this, the dash cam can still record as normal

3.5 Auto Overwrite

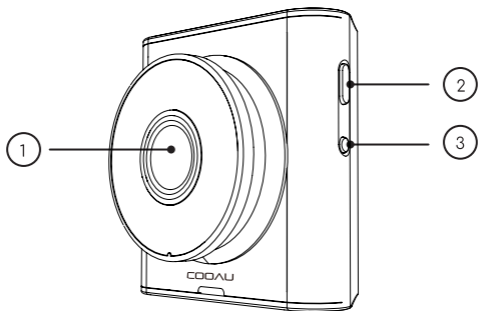
- The camera will automatically overwrite the locked files once the "emergency file" folder reaches 40% of the card capacity. Please regularly transfer important videos to your PC or other devices.

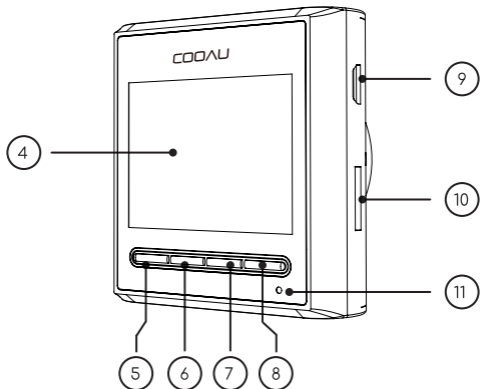
3.6 Intelligent Voice Reminder


This camera supports the following intelligent voice reminder functions.

- Please insert the memory cord.
- Please format the memory cord.
- Please replace the memory card.
- Emergency file will be full, please delete locked files or save them to other device.
- You have been driving for 1/2/4 hour(s), please take a rest.

4. Camera Overview





NO	Name	Description
1	Front Camera Lens	Front camera for capturing the road ahead.
2		Long press to switch power on/off.
3	RESET	Short press to restart.
4	IPS Screen	2-inch IPS screen

5	Emergency/ Menu/ Back Button	<ol style="list-style-type: none"> 1. Under Video Mode: <ul style="list-style-type: none"> •Recording: Short press it to manually lock files to reserve important videos during recording; •No Recording: Short press it to go to menu. 2. Under Menu Mode: <ul style="list-style-type: none"> •Short press it to return to the previous menu.
6	Photograph Mode/Up/ Left/Delete Button	<ol style="list-style-type: none"> 1. Under Video Mode: <ul style="list-style-type: none"> •Short press it to enter photo mode; 2. Under Photo Mode: <ul style="list-style-type: none"> •Short press it to start photographing; •Under Navigation Menu: Short press it to select upward or leftward; 3. While Viewing Files: <ul style="list-style-type: none"> •Short press it to delete files.
7	Microphone/ Down Button	<ol style="list-style-type: none"> 1. In video/photo mode: Short press it to select to turn the microphone on or off. 2. Under navigation menu: short press it to select down.
8	OK/Pause/ Play/Video Mode Button	<ol style="list-style-type: none"> 1. Confirmation options. 2. In video mode: Stop/start video recording. 3. When viewing a file: Play/ pause the video. 4. In photo mode: Press it to return to video mode.
9	Micro USB Charging Port	USB port for charging or transferring files.

10	SD Card Slot	Insert or remove the SD card
11	Indicator	1. Flashing Blue: Recording; 2. Steady Blue: Charging.

5. Screen Overview

5.1 Recording Mode



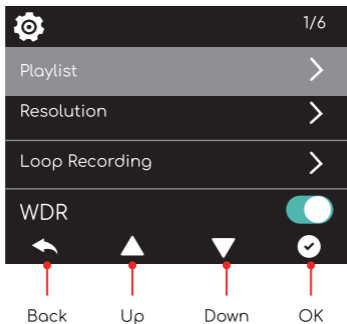
- | | |
|----------------------------|------------------------------|
| 1) Recording Time | 5) Current Date/ Time |
| 2) WDR | 6) Emergency Recording |
| 3) Loop Recording Interval | 7) Snapshot |
| 4) Video Resolution | 8) Sound Recording is ON/OFF |
| | 9) Pause Recording |

5.2 No Recording Mode



- 1) Remaining recording time of the card
- 2) Menu
- 3) Recording Video

5.3 Menu Mode



6. Getting Started

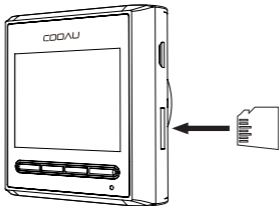
6.1 Insert a memory card

The precautions of SD card(Not included):

- 1) Class10, SDHC, TF card. 256GB max supported.
- 2) We suggest that you should chose a TF cord from famous brands, such as Samsung or Toshiba. We do not suggest Sandisk.
- 3) There are many fake cards in the current market. Every card has its limited times of writing and deleting. If there is something wrong with the card after a long time use, it is quite normal, change to another new qualified card.

How to insert a Memory Card.

- 1) Please insert the micro 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 com.)
- 2) Gently press the card inward and is will pop out.



6.2 Format a Memory Card

To format the Micro SD card correctly ;

- 1) Format the Micro SD card on your computer to FAT32 or 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" option, press "OK" to Format Memory Card.

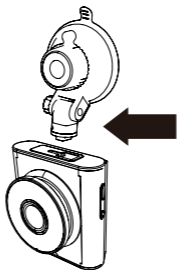
NOTE:

- Please use a genuine Micro SD memory card from 32GB to 256GB with a speed rating of class 10 or above.
- Please format the SD card to FAT32 or exFat on the computer first. If you don't know how to format it on computer, please contact us (support-us@cooau.com) for more information and help.
- Ideally, we recommend that you format the memory two weeks to maintain good read/write performance, but if you don't do this, the dash cam can still record as normal.
- Do not remove or insert Micro SD card when the camera is on. It may damage the card or cause data Loss.

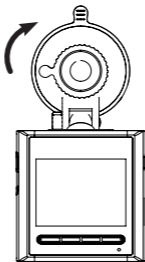
6.3 Install the Dash Cam onto the windshield

- 1) Clean and thoroughly dry the windshield area where you want to mount your dash camera.
- 2) Insert and slide the mounting bracket on the suction cap into the mounting slot on the top of your dash camera.

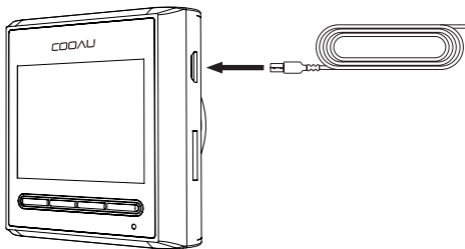
Note: An adhesive mount is also available.



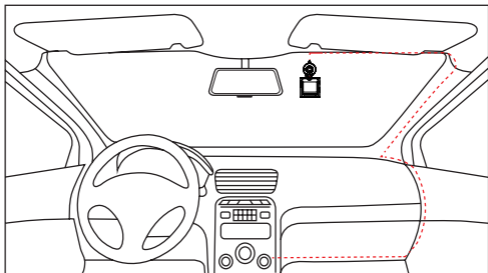
- 3) Peel the protective film from the mounting bracket and the dash camera lens.
- 4) Position the suction cup on the windshield, then move the mounting bracket switch clockwise until you hear a click.



- 5) Connect the provided USB cable to the USB port on your dash camera.



- 6) Thread the cable from your dash camera, around the outer edge of the windshield, and to a 12 V vehicle accessory port.



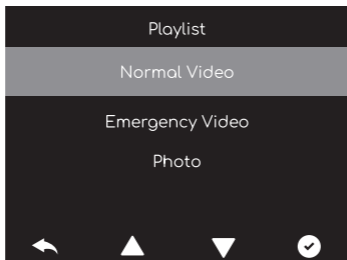
- 7) Plug the cable into the vehicle power adapter, plug the adapter into the accessory port, then turn on your vehicle. Your dash camera starts automatically.
- 8) Rotate the mounting bracket to adjust the viewing angle as needed.

7. Basic Operations

7.1 Instruction for Menu Setting

Play List: Normal Video/Emergency File/Photo

You can view the normal video, Locked video and photo here.

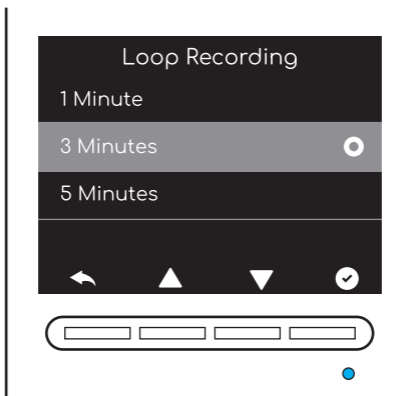


Resolution: 1920*1080P 30FPS or 1280*720P 30FPS (Default: 1920*1080P 30FPS)



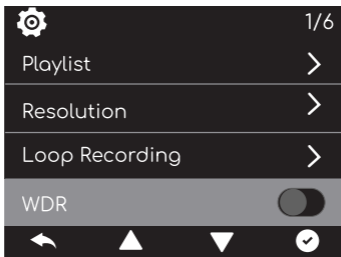
Loop Recording: 1-Minute/3-Minutes/5-Minutes (Default: 3-Minutes)

While recording, the blue LED indicator will flash. The camera will overwrite the oldest file to save the current file automatically when the card reaches its capacity. You can set the time intervals as you like.



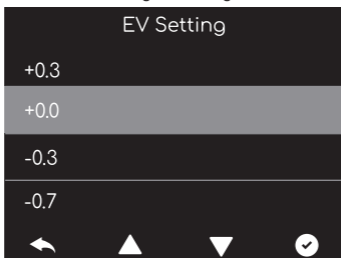
WDR: On/Off (Default: Off)

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



EV Setting : (Default: +0.0)

- 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?
- Cause analysis: in a scene that has large contrast, the camera's auto exposure function will be affected and thus causing image color change.
- Solution: it can be corrected by adjusting the EV Setting. Higher value means brighter image.

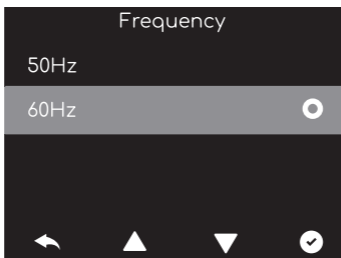


Frequency: 50Hz/60Hz. (Default: 60Hz)

Please choose the proper one according to Local situation.

Note:

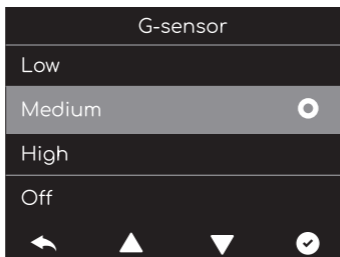
The screen will appear horizontal stripes interference during the recording because of the wrong setting of frequency.



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

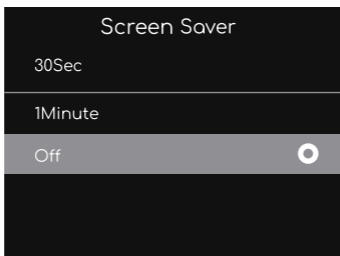
- Once the G-sensor detects collision and vibration, it will lock the current video clips to the emergency files folder automatically. The locked files won't be overwritten by loop recording. Important events will be saved and can be used as evidence.
- The camera will overwrite the oldest event videos 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.
- There are 3 levels of sensitivity; High, Medium, Low. We suggest you should choose medium because high

sensitivity will lead to many unnecessary video clips saved as emergency file, thus affecting the normal recording.



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 the recording interface.

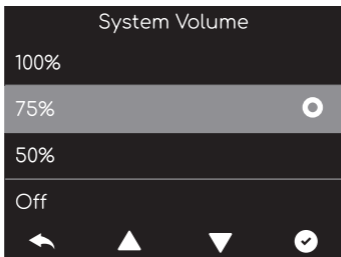
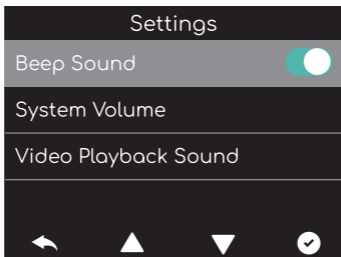


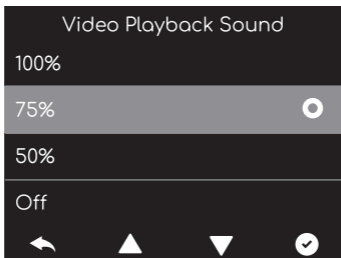
Volume Setting:

- Button Beep: On/Off. (Default:On)
- Turn on/off the "beep" when you operate the camera.
- System Volume: 100%/75%/50%/off (Default:75%)
- 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.

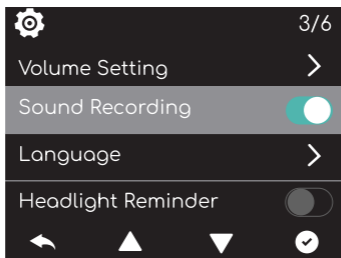




Sound Recording: On/Off. (Default: On)

Note:

The camera doesn't record audio if you turn it off for the purpose of protecting your privacy.

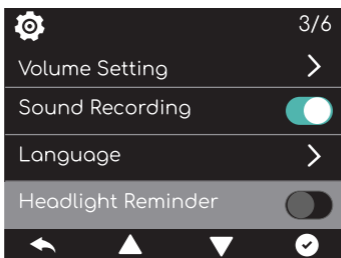


Language: English/ 日本語 /Deutsch/Français/
Italiano/Español/ 简体中文 . (Default:English)



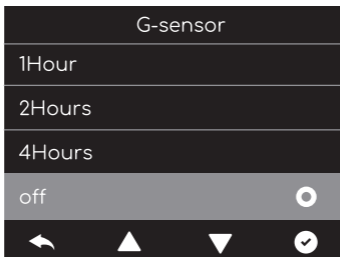
Headlight Reminder on/off (Default:off)

This feature will prompt you to turn on the car lights when the outside environment becomes dim.



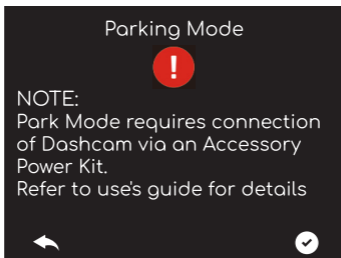
Fatigue Driving Alert: 1 Hour/2 Hours/4 Hours/Off. (Default: Off)

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.



Parking Mode: On/Off (Default: Off)

- The dash cam detects ACC power off (car parking off), the camera stops recording and saves the current video, the camera shuts down into parking monitoring mode (standby mode).
- The car collision G-SENSOR is triggered, then the dash cam will start recording a 30-second lock video, the video is saved to the Emergency File. (The camera screen will not open during the recording video)
- If the G-SENSOR continues to detect a collision during a 30-second locked video recording, the dash camera will switch to loop video mode. Record a video for about 5 minutes (maximum set time for loop recording), and save the video to the Normal File.



Time/Date:

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

Note:

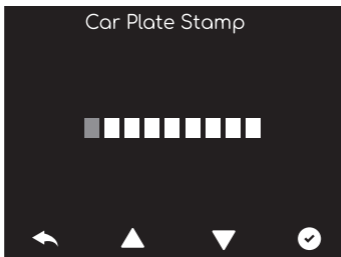
All the time and date settings won't be saved if you press the back button to exit.



Car Plate Stamp:

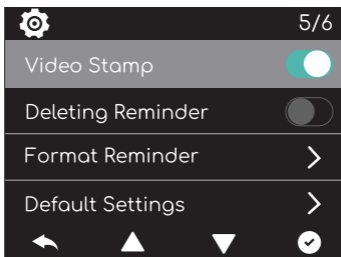
Preset 9-character positions, each with the optional letter a-z ,A-Z and the number 0-9.

If you set your car license plate, they will be printed on videos as watermarking.



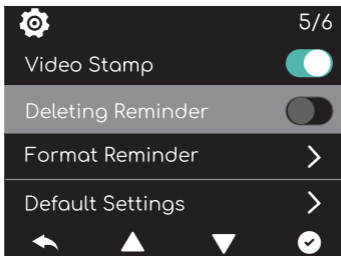
Video Stamp: On/Off. (Default: On)

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



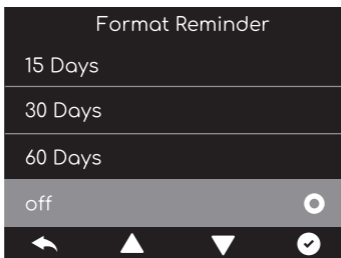
Deleting Reminder: On/Off. (Default: Off)

- The camera will overwrite the oldest Locked video once the emergency file accumulates 40% of the card capacity.
- 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.
- Prompt Content: Please delete locked files or save them to other devices.



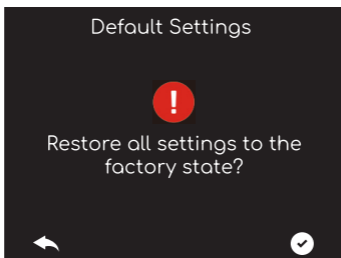
Format Reminder: On/Off. (Default: Off)

This function is to remind you to format the card regularly



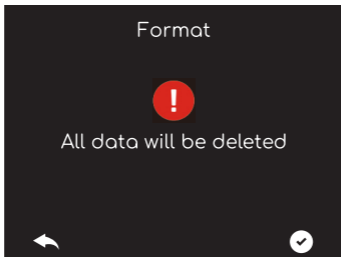
Default Settings:

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



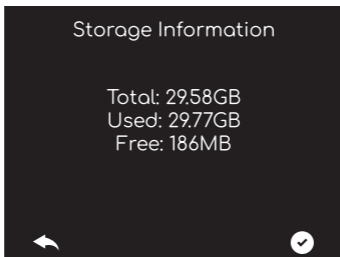
Format:

If you press "OK" bottom, all the data will be deleted.



Card Information:

You can view the storage information.



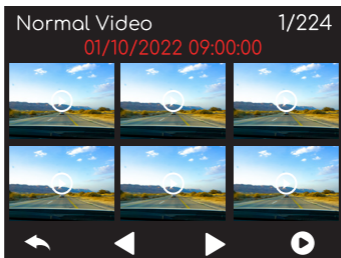
Version:

You can view the software information.



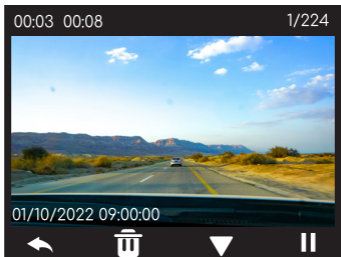
7.2 Viewing Video/Photos

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



7.3 Delete Video/Photos

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



8. Specifications

Model	COOAU M53
Display	2-inch IPS screen
Languages	English (Default: English) 日本語 Deutsch Français Italiano Español 简体中文
Video Resolution	1920*1080P@30FPS 1280*720P@30FPS
Image	JPEG
Audio	Built-in microphone and speaker
Memory Storage	External: Micro SD Card (32GB to 256GB Card in FAT32/exFAT, Class 10)
Working Temperature	-10°C ~ 60°C / 14 °F ~140 °F
USB Port	Micro USB

9. Warranty & Support

The COOAU M53 Dash Cam comes with a full 12-month warranty.

If you have any questions, please contact us at support-us@cooau.com, we will reply you within 24 hours.

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!



Scan 'COOAU.COM' QR code to extended warranty



Follow @Cooau official on Facebook

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

My moment
My passion