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› COOAU D20 Dual Dash Cam User Manual

COOAU D20

COOAU D20 Dual Dash Cam User Manual

Model: D20

INTRODUCTION

Thank you for choosing the COOAU D20 Dual Dash Cam. This manual provides detailed instructions for setting up, operating, and maintaining your device. The D20 is designed to capture high-quality video footage both in front of and inside your vehicle, offering enhanced safety and evidence in case of incidents. Its advanced features include built-in GPS, Wi-Fi connectivity, superior night vision, and robust parking monitoring.

WHAT'S IN THE BOX

Please verify that all items listed below are included in your package:

- COOAU D20 Dash Cam (1)
- 11.81ft USB Data Cable (1)
- Car Charger (1)
- D20 Dash Cam User Manual (1)
- Suction Mount (1)

What's in the box?



Packing Box



User Manual



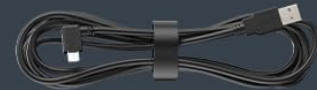
Dash Cam



Suction Cup Mount



Car Charger



USB Cable

Easy Installation



Image: All components included in the COOAU D20 Dash Cam package.

PRODUCT OVERVIEW

The COOAU D20 features a compact design with dual cameras for front and interior recording. It includes a display screen for live view and settings adjustment, along with intuitive buttons for navigation.



Image: The COOAU D20 Dual Dash Cam with its suction mount and a smartphone showing the app interface.

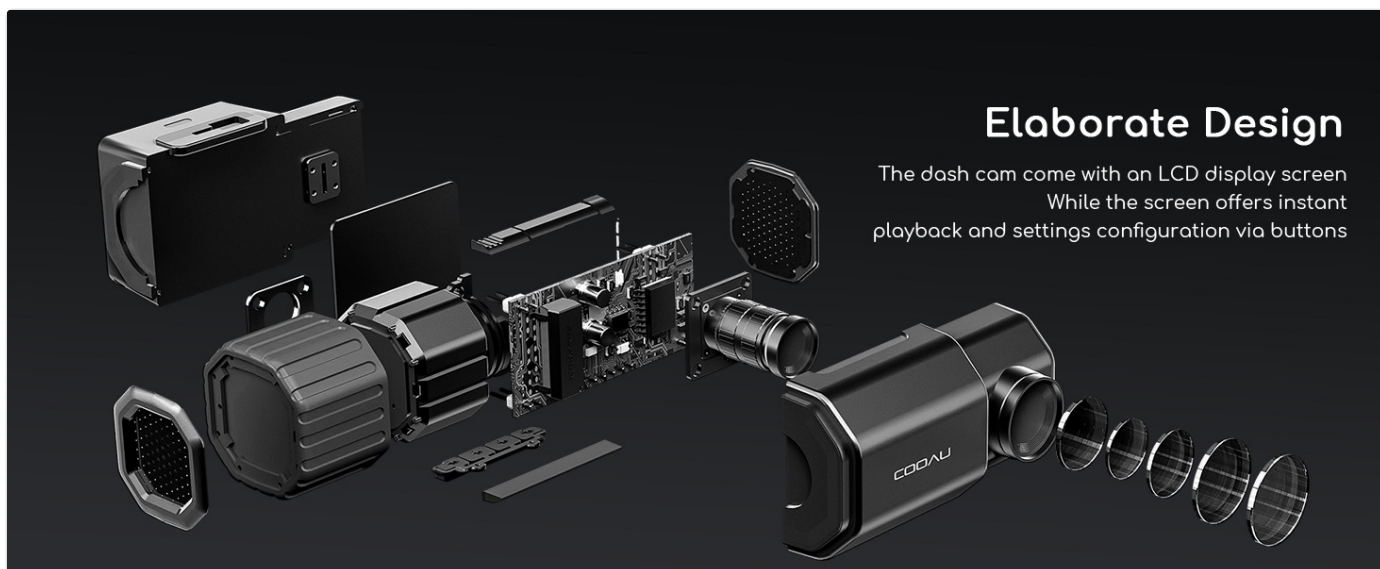


Image: Exploded view of the dash cam, highlighting its elaborate design and components.

SETUP

1. Installing the Suction Mount

Attach the suction mount to the dash cam. Choose a location on your windshield that does not obstruct your view. Ensure the surface is clean and dry. Press the suction cup firmly against the windshield and flip the lock lever to secure it. The mount allows for 360° rotation and 120° tilt for optimal positioning.



Image: Step-by-step guide for installing the dash cam with the suction mount.

2. Power Connection

Connect the provided car charger to your vehicle's 12V power outlet and the dash cam. Route the cable neatly to avoid interference with driving. The dash cam will power on automatically when the vehicle starts.

3. Inserting the Micro SD Card

Insert a Micro SD card (not included, up to 256GB supported) into the designated slot on the dash cam. Ensure the card is inserted correctly until it clicks into place. It is recommended to format the SD card within the dash cam's settings before first use to ensure optimal performance.

Looping Recording

Seamless Loop Recording overwrites the oldest files with the newest when the card is full.



D20 supports up to 256GB card, card is not included.

32G	<div style="width: 10%;"></div>	6.5H
64G	<div style="width: 20%;"></div>	13H
128G	<div style="width: 40%;"></div>	26.5H
256G	<div style="width: 80%;"></div>	53H

Image: Visual representation of loop recording and supported SD card capacities.

OPERATING INSTRUCTIONS

1. Loop Recording

The dash cam automatically records video in continuous loops (e.g., 1/3/5 minute segments). When the SD card is full, the oldest unlocked files are overwritten by new recordings. Locked videos (triggered by G-sensor) are stored separately

and will not be overwritten.

Loop Recording

Every 1/3/5 min loop recording, the oldest videos will be overwritten when the card is full.

Locked videos are stored separately so you can find evidence faster.

Note: Card is NOT included.

- Loop Recording
- Video lock
- Built-in microphone
- Card up to 256GB

Image: Loop recording mechanism, ensuring continuous recording without manual deletion.

2. Excellent Night/Day Vision

Equipped with a dual IMX323 sensor, Novatek NT96663 processor, 4 infrared LED lights, and an F1.8 large aperture, the D20 provides clear video capture in various lighting conditions, including low light and total darkness. WDR technology further enhances image quality.



Image: Night vision capabilities of the dash cam, showing clear visibility in dark environments.

3. G-Sensor (Collision Detection)

The built-in G-sensor automatically detects sudden shakes or collisions. When an impact is detected, the current video footage is locked to prevent it from being overwritten, serving as crucial evidence in accidents.

4. 24/7 Parking Mode

For continuous protection, the parking mode monitors your vehicle even when parked. It can detect collisions (G-sensor)

and motion, automatically recording and locking footage. Note: This feature requires an ACC hardwire kit with a Micro USB interface (not included) for continuous power.

Collision Detection

Driving

24*7 Parking Monitoring

Collision lock Motion detection Time-Lapse

24 hours

Parking

Image: Parking monitoring features, including collision detection and motion detection.

5. Built-in GPS Tracking

The integrated GPS module automatically records your vehicle's location, driving route, and speed. This data is embedded in the video footage, providing comprehensive information for every journey.

Free Upgraded APP

Simpler page, more convenient operation,
more emphasis on the protection of privacy



Built-in GPS

Tracking coordinates, time and speed



Image: The dash cam's app interface displaying GPS tracking and video management.


6. Wi-Fi Connection & App (Aoni CarDVR)


Connect the dash cam to your smartphone via Wi-Fi using the "Aoni CarDVR" app (available on iOS and Android). This allows you to view live footage, play back recorded videos, download files to your phone, change settings, and perform firmware updates (OTA Upgrade) without removing the SD card.

Free Smart APP


The Dash Cam has built-in Wi-Fi that connects to your smartphone, allowing you to play videos, download them to your phone, share them on your favourite social networks, update firmware and change camera settings.

This comes in handy when you can't insert the card into your computer for a thorough investigation.







Free APP



Data Encryption



Built-in GPS



OTA Upgrade

Image: Seamless connectivity between the dash cam and the smartphone app for easy control and access.

7. Personalized Features

You can set your car's license plate to be watermarked onto the video recordings. The dash cam also includes a fatigue driving alert to remind you to take breaks during long drives, promoting safer driving habits.

MAINTENANCE

1. SD Card Management

Regularly format your Micro SD card (at least once a month) through the dash cam's settings to prevent data corruption and ensure smooth recording. Back up any important footage before formatting.

2. Supercapacitor Technology

The D20 dash cam utilizes a supercapacitor instead of a traditional lithium-ion battery. This provides superior heat resistance, allowing the device to withstand extreme temperatures (from -4°F to 158°F). This technology enhances the device's long-term reliability and stability, reducing the risk of internal damage due to temperature fluctuations.

Super Capacitor

The D20 dash cam uses supercapacitors instead of lithium-ion batteries and can withstand extreme temperatures.

It also helps to extend the life of the device, improve stability and reduce the risk of internal damage if the temperature range is exceeded.




Image: Advantages of supercapacitor technology for enhanced durability and performance.

TROUBLESHOOTING

If you encounter any issues with your COOAU D20 Dash Cam, please refer to the following common problems and solutions:

- **Dash Cam Not Powering On:** Ensure the car charger is securely connected to both the dash cam and the vehicle's power outlet. Check if the vehicle's 12V outlet is functioning.
- **Recording Issues:** Format the Micro SD card regularly. Ensure the card is not full (unless locked files are intended). Try a different, high-speed Micro SD card if issues persist.
- **Wi-Fi Connection Problems:** Ensure the dash cam's Wi-Fi is enabled. Restart both the dash cam and your smartphone. Make sure you are within range of the dash cam's Wi-Fi signal.
- **GPS Not Tracking:** Ensure the dash cam has a clear view of the sky for satellite reception. It may take a few minutes for the GPS signal to be acquired.
- **Buttons Unresponsive:** In extreme heat, the buttons may temporarily become unresponsive. Allow the device to cool down. If the issue persists, perform a factory reset (refer to the full user manual for instructions).

For more detailed troubleshooting or persistent issues, please consult the full user manual or contact COOAU customer support.

SPECIFICATIONS

Feature	Detail
Product Dimensions	1.65 x 3.94 x 1.65 inches
Item Weight	12.7 ounces
Model Number	D20
Connectivity Technology	Wi-Fi
GPS	GPS Enabled
Color	Black&Silver
Video Capture Resolution	1080p
Orientation	Front & Inside
Field Of View	170 Degrees
Manufacturer	COOAU
First Available Date	June 9, 2021

WARRANTY AND SUPPORT

COOAU is committed to providing high-quality products and excellent customer service. While specific warranty terms may vary by region and purchase date, COOAU generally offers comprehensive support for its products.

Customer Support

For any questions, technical assistance, or warranty claims, please contact COOAU customer support. They offer lifetime support, 24-hour service support, and a 30-day free return policy.

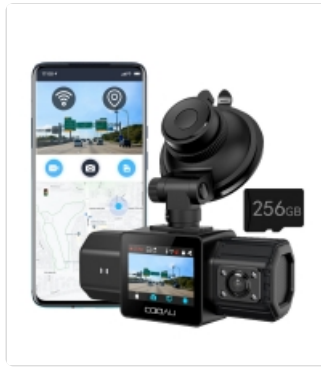


Image: COOAU's commitment to superior customer service.

You can also refer to the official user manual PDF for additional information [Download User Manual \(PDF\)](#)

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