ROAV AK-H2220111

Roav by Anker Dash Cam C2 Pro User Manual

Model: AK-H2220111

1. Introduction

The Roav by Anker Dash Cam C2 Pro is a connected in-car device designed to enhance your driving experience by capturing unexpected events. It features advanced NightHawk technology for superior nighttime definition, allowing it to record license plates up to 30 feet away in low-light conditions. The camera captures remarkably crisp 1080p high-definition video, supported by an advanced chipset, 5 lens elements, and Wide Dynamic Range image balancing. Its 170-degree wide-angle lens covers up to 4 lanes of traffic, providing a comprehensive view of the road. The device is built with extreme temperature resistance, utilizing a steel frame to disperse heat, ensuring reliable performance in various climates.

2. What's in the Box

- Roav by Anker Dash Cam C2 Pro
- USB Car Charger (2-port)
- USB Power Cable (long)
- Suction Mount
- Wiring Installation Tool
- MicroSD Card (typically 32GB Samsung Evo Plus)
- User Manual (this document)



Figure 2.1: Roav by Anker Dash Cam C2 Pro and its accompanying mobile application interface.

3. Setup Instructions

1. **Insert MicroSD Card:** Locate the microSD card slot on the Dash Cam. Gently insert the provided microSD card until it clicks into place. Ensure the card is correctly oriented.
2. **Mount the Dash Cam:** Attach the suction mount to a clean, dry area on your windshield, ensuring it does not obstruct your view. Secure the Dash Cam to the mount.
3. **Connect Power:** Plug the USB power cable into the Dash Cam's power port and connect the other end to the provided 2-port USB car charger. Insert the car charger into your vehicle's 12V power outlet.
4. **Route the Cable:** Use the provided wiring installation tool to neatly tuck the power cable along the edges of your windshield and dashboard to minimize clutter.
5. **Download the Roav App:** Search for "Roav" in your smartphone's app store (iOS App Store or Google Play Store) and download the official application.
6. **Initial Setup & Formatting:** Power on the Dash Cam. Follow the on-screen prompts to set the date and time. It is highly recommended to format the microSD card through the Dash Cam's settings menu before first use and periodically thereafter to ensure optimal performance and prevent data corruption.

4. Operating Instructions

4.1. Power On/Off

The Dash Cam will automatically power on and begin recording when connected to your vehicle's power supply and the ignition is turned on. To manually power off the device, press and hold the power button until the screen turns off.

4.2. Video Recording

The Dash Cam records continuously in a loop. When the microSD card is full, the oldest unlocked videos will be overwritten by new recordings. Video segments are typically saved in 1, 3, or 5-minute intervals, configurable via the device settings or the mobile application.

4.3. G-Sensor (Emergency Recording)

The built-in G-sensor detects sudden movements or impacts (e.g., hard braking, collisions). When triggered, it automatically locks the current video segment, preventing it from being overwritten during loop recording. The sensitivity of the G-sensor can be

adjusted in the settings.

4.4. Night Vision Technology

Equipped with NightHawk technology, the Dash Cam C2 Pro provides enhanced clarity and detail in low-light conditions, allowing for clear capture of details such as license plates up to 30 feet away.

4.5. App Connectivity & Video Management

Connect your smartphone to the Dash Cam via Wi-Fi using the Roav app. This allows you to:

- View live footage from the camera.
- Browse and play back recorded videos.
- Download video files directly to your smartphone.
- Adjust device settings, including recording resolution, G-sensor sensitivity, and loop recording duration.

Note: The Dash Cam's Wi-Fi network typically does not provide internet access. You may need to confirm connection if prompted by your phone.

5. Maintenance

- **MicroSD Card Formatting:** Regularly format the microSD card (e.g., once a month) through the Dash Cam's settings to prevent data corruption and ensure smooth recording. Back up any important videos before formatting.
- **Cleaning:** Use a soft, dry cloth to clean the camera lens and screen. Avoid abrasive materials or chemical cleaners that could damage the surfaces.
- **Temperature Management:** The Dash Cam C2 Pro is designed for extreme temperature resistance, operating in temperatures ranging from -4°F to 158°F (-20°C to 70°C) when plugged in, or from 32°F to 158°F (0°C to 70°C) on battery power. Ensure proper ventilation around the device.

6. Troubleshooting

Problem	Possible Cause	Solution
SD card not clicking in/out or not saving.	Incorrect insertion, faulty card, or slot issue.	Ensure correct orientation and gentle insertion. Try a different, compatible microSD card. If issues persist, contact support.
Wi-Fi connection issues with the app.	Incorrect password, interference, or app glitch.	Verify Wi-Fi password (often default for Roav cameras). Restart both the Dash Cam and your phone. Ensure no other devices are interfering with the Wi-Fi signal.
Dash Cam reboots randomly or loses recordings.	SD card incompatibility (e.g., too large), card corruption, or power supply issue.	Format the microSD card. Try a different microSD card (some users report issues with cards larger than 32GB, though others use 128GB successfully). Ensure stable power supply.
Suction cup mount detaches.	Improper cleaning, extreme temperature changes, or worn suction cup.	Clean the windshield and suction cup thoroughly before reattaching. Apply slight moisture to the suction cup for better adhesion. Avoid direct sunlight when parked if possible.

7. Specifications

- **Product Dimensions:** 5.91 x 0.55 x 1.97 inches

- **Item Weight:** 1.1 ounces
- **Item Model Number:** AK-H2220111
- **Batteries:** 1 Lithium Polymer battery required (included)
- **Connectivity Technology:** USB, Wireless
- **Color:** Black
- **Manufacturer:** Anker
- **Date First Available:** February 6, 2018
- **Model Name:** Dash Cam C2 Pro
- **Orientation:** Rear
- **Vehicle Service Type:** Car
- **Video Capture Resolution:** 1080p
- **Mounting Type:** Suction Mount
- **Field Of View:** 170 Degrees

8. Warranty and Support

ROAV provides a 12-month warranty for the Dash Cam C2 Pro. This warranty covers any defective product within 12 months of purchase. For support, technical assistance, or warranty claims, please refer to the contact information provided on the official ROAV website or your purchase documentation. You can also visit the ROAV Store on Amazon for additional resources.

9. Official Product Videos

There are currently no official product videos provided by the manufacturer (Seller) for this model. All available videos are from customers and are not included in this manual as per the embedding guidelines.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

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Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question