navycrest A2Pro

A2Pro 4K & 5G WiFi Dash Cam User Manual

Model: A2Pro

1. INTRODUCTION

Thank you for choosing the navycrest A2Pro 4K & 5G WiFi Dash Cam. This device is designed to provide comprehensive front and rear vehicle recording, ensuring your safety and peace of mind on the road. Featuring 4K front recording, 5G WiFi connectivity, and 24/7 parking monitoring with the included hardwire kit, the A2Pro offers advanced functionality for reliable vehicle surveillance. Please read this manual thoroughly before operation to ensure proper installation and usage.

2. WHAT'S IN THE BOX

Carefully unpack all components and check against the list below:

- A2Pro Front Dash Camera
- Rear Camera
- Hardwire Kit (Type C)
- Suction Cup Mount
- 64GB Memory Card
- Installation Tools (Fuse Taps)

Image: All components included in the A2Pro Dash Cam bundle.

3. PRODUCT OVERVIEW

Familiarize yourself with the main parts of your A2Pro Dash Cam system:

- **Front Camera Unit:** Main recording unit with 4K lens, 3-inch IPS display, and control buttons.
- **Rear Camera:** Connects to the main unit for 2.5K rear recording.
- **Suction Cup Mount:** For secure attachment of the front camera to the windshield.
- **Hardwire Kit:** Enables 24/7 parking mode by connecting directly to your vehicle's fuse box.
- **Memory Card Slot:** Supports up to 64GB (included) for video storage.

Image: Front dash camera, rear camera, and a representation of the smartphone application interface.

4. SETUP AND INSTALLATION

4.1. Installing the Front Dash Camera

1. Clean the windshield area where you intend to mount the dash cam.
2. Attach the suction cup mount to the front camera.
3. Press the suction cup firmly against the windshield and lock it into place.
4. Adjust the camera angle to ensure a clear view of the road ahead.
5. Insert the 64GB memory card into the designated slot until it clicks.

4.2. Installing the Rear Camera

1. Identify a suitable location on your rear windshield, ensuring a clear view.

2. Clean the mounting surface thoroughly.

3. Attach the rear camera using its adhesive pad.

4. Route the rear camera cable to the front dash camera, tucking it neatly along the vehicle's headliner and A-pillars.

5. Connect the rear camera cable to the dedicated port on the front dash camera.

4.3. Hardwire Kit Installation for 24/7 Parking Mode

The included Type C Hardwire Kit is essential for enabling the 24/7 Parking Mode feature. This kit connects directly to your vehicle's fuse box to provide continuous power even when the engine is off.

1. Locate your vehicle's fuse box (refer to your vehicle's owner's manual).

2. Identify a constant power fuse (B+) and an ACC (Accessory) fuse that powers on/off with the ignition.

3. Using the provided fuse taps, connect the red wire (B+) of the hardwire kit to the constant power fuse and the yellow wire (ACC) to the accessory fuse.

4. Connect the black wire (GND) to a metal bolt or screw on the vehicle's chassis for grounding.

5. Route the Type C connector cable from the hardwire kit to the front dash camera and plug it into the Type C power input port.

6. Ensure all connections are secure and cables are neatly tucked away to avoid interference with driving.

Image: Components of the Type C Hardwire Kit, including various fuse taps for different vehicle types.

5. OPERATING INSTRUCTIONS

5.1. Powering On/Off

- **Power On:** The dash cam will automatically power on and begin recording when connected to a power source and the vehicle's ignition is turned on.
- **Power Off:** The dash cam will automatically power off shortly after the vehicle's ignition is turned off.

5.2. Basic Recording

- **Loop Recording:** The dash cam continuously records video in short segments (e.g., 1, 3, or 5 minutes). When the memory card is full, it automatically overwrites the oldest unlocked footage.

- **Emergency Recording (G-Sensor):** In the event of a sudden impact or collision, the built-in G-sensor will automatically detect the event and lock the current video segment, preventing it from being overwritten by loop recording.

5.3. Wi-Fi Connectivity and App Usage

The A2Pro features 5G WiFi for fast connection to your smartphone. Download the dedicated app (refer to the packaging or quick start guide for app name) from your app store.

1. Enable Wi-Fi on your dash cam via the settings menu.
2. On your smartphone, connect to the dash cam's Wi-Fi network (SSID and password will be displayed on the dash cam screen).
3. Open the app to view live footage, playback recorded videos, download files to your phone, and adjust camera settings.

5.4. 24/7 Parking Mode

With the hardwire kit properly installed, the dash cam can monitor your vehicle even when parked. This mode activates when the vehicle's ignition is off.

- **Motion Detection:** The camera will start recording if it detects motion around your vehicle.
- **Impact Detection:** If an impact is detected while parked, the camera will automatically record and lock the footage.
- **Time-Lapse Recording:** Some parking modes offer time-lapse recording, compressing long periods into short videos.

Image: Visual representation of the 24/7 Parking Mode feature, showing the dash cam monitoring a parked vehicle for suspicious events.

6. MAINTENANCE

- **Memory Card Formatting:** It is recommended to format the memory card regularly (e.g., once a month) to ensure

optimal performance and prevent data corruption. This can be done through the dash cam's settings menu.

- **Cleaning Lenses and Screen:** Use a soft, lint-free cloth to gently wipe the camera lenses and LCD screen. Avoid using abrasive cleaners or solvents.
- **Firmware Updates:** Check the manufacturer's website periodically for firmware updates to ensure your dash cam has the latest features and bug fixes.

7. TROUBLESHOOTING

Problem	Possible Solution
Dash cam does not power on.	Check power connection. Ensure the vehicle's ignition is on (if not using hardwire kit). Verify hardwire kit connections if applicable.
Recording stops or freezes.	Format the memory card. Try a different, high-speed (Class 10 or U3) memory card.
Wi-Fi connection issues.	Ensure Wi-Fi is enabled on the dash cam. Restart both the dash cam and your smartphone. Check Wi-Fi password.
Parking mode not working.	Verify hardwire kit installation and connections. Ensure parking mode is enabled in settings.
Poor video quality.	Clean the camera lenses. Ensure the protective film is removed from the lenses. Check resolution settings.

8. SPECIFICATIONS

Feature	Detail
Model Name	A2Pro
Brand	navycrest
Video Capture Resolution	4K (Front) + 2.5K (Rear)
Connectivity Technology	Wi-Fi (5G)
Display Type	LCD
Mounting Type	Dashboard Mount (Suction Cup)
Included Components	Memory Card, Suction Cup, Hardwire Kit
Vehicle Service Type	Car

9. WARRANTY AND SUPPORT

For product support, technical assistance, or warranty inquiries, please contact navycrest customer service. Refer to the product packaging or the official navycrest website for the most up-to-date contact information.

Please retain your proof of purchase for warranty claims.

Related Documents - A2Pro

A2pro Wireless Stereo Earphone User Manual
User manual for the A2pro Wireless Stereo Earphone, detailing product features, operation, pairing, troubleshooting, and FCC compliance.

Navycrest A3 4K-WiFi Dash Cam User Manual | Installation, Setup, and Troubleshooting
Comprehensive user manual for the Navycrest A3 4K-WiFi Dash Cam. Learn about installation, WiFi connection, app usage, settings, parking mode, and frequently asked questions.

Navycrest A3 4K-WiFi Dash Cam User Manual | Installation, Features & Support
Comprehensive user manual for the Navycrest A3 4K-WiFi Dash Cam. Learn about installation, features, WiFi connection, app usage, troubleshooting, and support. Includes setup guides and FAQs.

A2-4K Channel Dash Cam Quick Start Guide | Navycrest
Get started with your Navycrest A2-4K Channel dash cam. This quick start guide covers SD card insertion, power connection, formatting, 24-hour recording, WiFi troubleshooting, and warranty registration.

Navycrest A2 Pro Dash Cam Quick Setup Guide
A quick start guide for the Navycrest A2 Pro dash cam, covering SD card insertion, power connection, rear camera connection, SD card formatting, and 24-hour recording setup. Includes important precautions and warranty information.

A1-4K Dash Cam: Installation, Features, and FAQs

Comprehensive guide for the Navycrest A1-4K dash cam, covering installation, warranty registration, troubleshooting common issues (power, SD card, WiFi), and detailed explanations of parking monitor modes. Includes recommended accessories and support contact.