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- › [DDPAI 2K Dash Cam 1296P+1080P Front and Rear, Dual Car Camera with WiFi, Control App, Super Capacitor, Night Vision, 24H Parking Mode, G-Sensor, Loop Recording, G-Sensor, N1 Dual](#)

ddpai N1Dual

DDPAI N1 Dual Dash Cam User Manual

Model: N1Dual | Brand: DDPAI

1. INTRODUCTION

The DDPAI N1 Dual Dash Cam is designed to capture your journeys and life moments with high-definition clarity. It simultaneously records both front road and rear/interior views, including audio, allowing you to document outdoor scenery and in-car experiences. Its advanced features ensure reliable recording and easy access to your footage.



Figure 1.1: DDPAI N1 Dual Dash Cam and companion app interface.

Key Features:

- **Dual Camera Recording:** Simultaneously captures front (1296P) and rear/interior (1080P) views.
- **High-definition Lens & NightVIS:** Features a 5-piece all-glass lens with F1.8 large aperture and NightVIS technology for clear images in low-light conditions.
- **Built-in WiFi & Control App:** Connect wirelessly to the 'ddpai' app for live preview, video editing, and downloading.
- **Built-in G-sensor:** Automatically detects collisions and emergency stops, saving and locking relevant video clips.
- **24-Hour Parking Surveillance:** Supports continuous monitoring when the vehicle is parked (requires additional hardwire kit, sold separately).

2. PACKAGE CONTENTS

Verify that all items are present in your package:

- DDPAI N1 Dual Front Dash Cam
- Rear/Interior Camera
- Car Charger (with 2 USB ports)
- Power Cable for Front Camera
- Connection Cable for Rear Camera
- Adhesive Mounts (3M)
- User Manual (this document)



Figure 2.1: Contents of the DDPAI N1 Dual Dash Cam package.

3. SETUP GUIDE

3.1. App Download & Connection

To fully utilize your DDPAI N1 Dual Dash Cam, download the official 'ddpai' app on your smartphone. This app allows for easy control, live viewing, and management of your recordings.

1. **Download the App:** Scan the QR code on the product packaging or search for "DDPAI" in your device's app store (Google Play for Android, App Store for iOS).
2. **Power On Dash Cam:** Connect the dash cam to your car's power source using the provided car charger. The dash cam will power on automatically.
3. **Enable Bluetooth:** On your smartphone, go to Settings and ensure Bluetooth is turned on.
4. **Launch App & Add Device:** Open the DDPAI app. Tap the "+" icon or "Add a device" option. The app will scan for nearby Bluetooth devices.
5. **Select Device:** From the list of detected Bluetooth devices, select the one corresponding to your dash cam (e.g., "DDPAI_N1Dual_XXXX").
6. **Authorize Connection:** When prompted, press the function button on the dash cam to authorize the connection.
7. **Wi-Fi Connection:** For full functionality (live view, album access, settings), the app will guide you to connect to the dash cam's Wi-Fi hotspot. Go to your phone's Wi-Fi settings, select the DDPAI network (e.g., "DDPAI_N5Dual_3CA1"), and enter the password (usually provided in the app or manual).

Video 3.1: DDPAI App Tutorial - Demonstrates app download, connection, and basic function introduction.

3.2. Physical Installation

Proper installation ensures optimal recording angles and secure placement.

1. **Mount the Front Camera:** Attach the adhesive mount to the front dash cam. Clean the desired area on your windshield (typically behind the rearview mirror) and firmly press the mount onto the glass. Ensure the camera has a clear view of the road.
2. **Mount the Rear/Interior Camera:** Attach the adhesive mount to the rear camera. Clean the desired area on your rear windshield or interior surface. Ensure it has a clear view of the rear or interior of the vehicle.
3. **Connect Cables:** Connect the power cable to the front dash cam and route it to your car's 12V power outlet using the car charger. Connect the long connection cable from the front dash cam to the rear camera, routing it discreetly along the vehicle's trim.

360° Recording Wherever You Want, No Blindspots



Figure 3.2: The N1 Dual's flexible design allows for 360-degree recording, capturing both interior and exterior views.

4. OPERATING INSTRUCTIONS

4.1. Recording Modes

- **Loop Recording:** The N1 Dual continuously records video footage. When the memory card is full, it automatically overwrites the oldest footage, ensuring uninterrupted recording.
- **Emergency Lock (G-sensor):** The built-in G-sensor detects sudden impacts or collisions. In such events, the dash cam automatically saves and locks the relevant video segment, preventing it from being overwritten. These files are marked as "important" for easy retrieval.
- **24-Hour Parking Monitoring:** With an optional hardwire kit (ASIN: B0D12D7HSC or B0DBTLDKYD, sold separately), the dash cam can monitor your vehicle 24/7. It uses motion detection or impact sensors to start

recording if any movement or impact is detected while parked.



Loop Recording:

Continuously records video footage in a loop, overwriting the oldest footage once the memory card or storage space becomes full



Emergency Lock:

Automatically saves and locks video footage in the event of an accident or other emergency situation



24/7 Parking Monitoring:

Remain active even when the vehicle is turned off, using motion detection or impact sensors to start recording if any movement or impact is detected. (Need extra buy hardware: B08LL4L87C)

Figure 4.1: Visual representation of key recording features: Loop Recording, Emergency Lock, and 24-Hour Parking Monitoring.

4.2. App Control & Features

The 'ddpai' app provides comprehensive control over your dash cam.

- **Live Preview:** View real-time footage from both front and rear cameras directly on your smartphone.
- **Video Playback & Download:** Access recorded videos from the device album. You can play back footage, edit clips, and download them to your phone for easy sharing and storage.
- **Device Settings:** Adjust various settings such as recording resolution (1296P front, 1080P rear), microphone recording, timestamp, and capture sensitivity.
- **AI.265 Encoding Technology:** This advanced encoding saves over 30% of storage space compared to H.264, allowing for more footage to be stored on your TF card (up to 256GB, not included).

Convenient APP Control

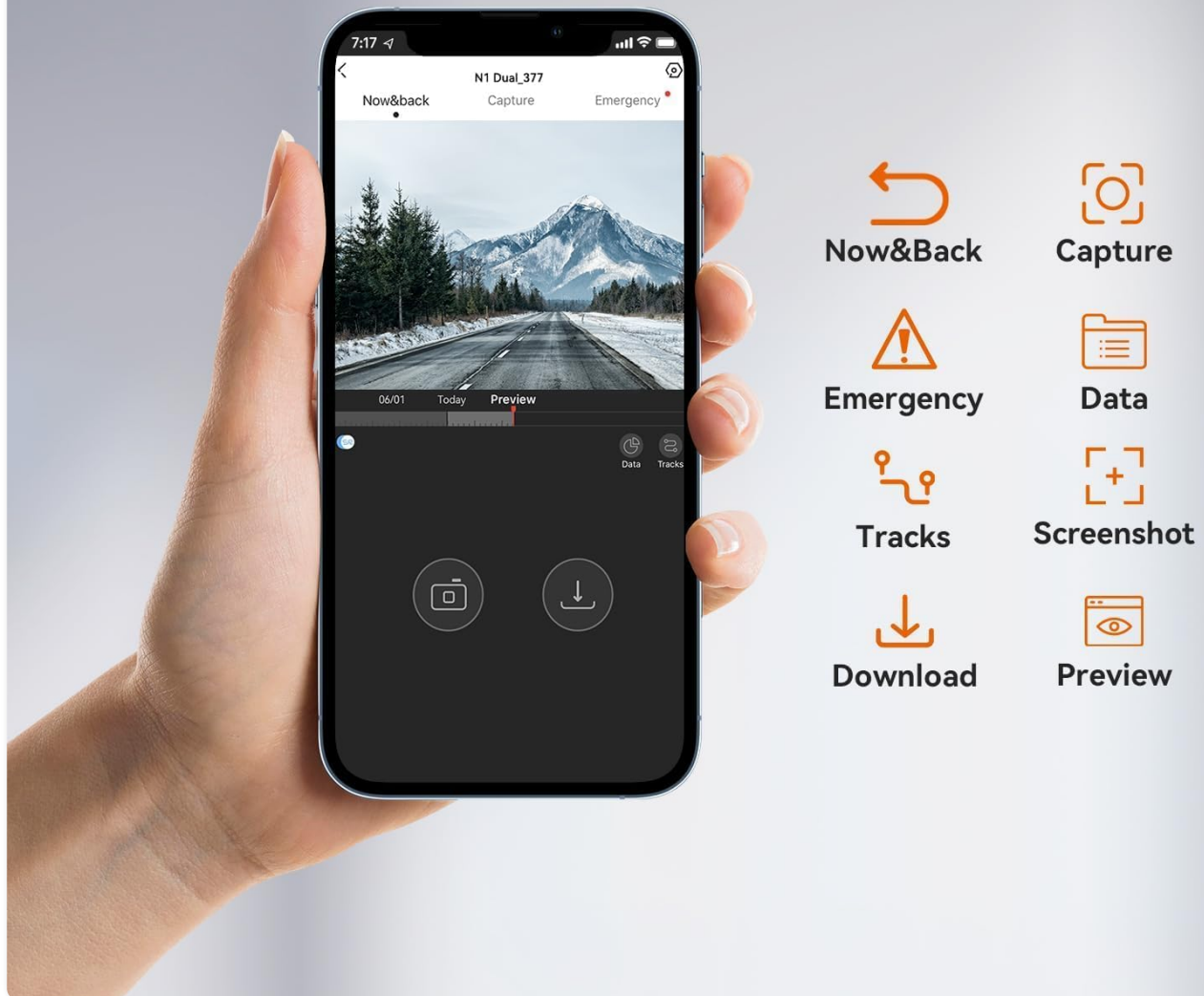


Figure 4.2: The convenient DDPAI app allows full control and access to dash cam features.

5. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your dash cam.

- **Clean Lenses:** Periodically clean the camera lenses with a soft, lint-free cloth to ensure clear video quality.
- **Format SD Card:** It is recommended to format the TF card every few weeks or months to prevent data corruption and ensure smooth recording. This can usually be done through the DDPAI app settings.
- **Firmware Updates:** Check the DDPAI app regularly for firmware updates. Keeping your dash cam's firmware up-to-date can improve performance and add new features.
- **Operating Temperature:** Avoid exposing the dash cam to extreme temperatures for prolonged periods. The device is designed to operate within a range of -4°F to 158°F.

6. TROUBLESHOOTING

If you encounter issues with your DDPAI N1 Dual Dash Cam, refer to the following common solutions:

- **Dash Cam Not Powering On:** Ensure the car charger is properly inserted into the 12V outlet and the power cable is securely connected to the dash cam. Check your vehicle's fuse box if necessary.
- **App Connectivity Issues:** Verify that Bluetooth is enabled on your phone and the dash cam is powered on. Ensure you are connecting to the correct Wi-Fi network broadcast by the dash cam. Try restarting both the dash cam and your phone.
- **"Storage Error" or Recording Issues:** This often indicates an issue with the TF card. Ensure the card is properly inserted. Try formatting the TF card via the app. If the issue persists, try a different, high-quality TF card (supports up to 256GB).
- **Poor Video Quality at Night:** Ensure the lenses are clean. Verify that NightVIS technology is enabled in the app settings if applicable.
- **G-sensor Not Triggering/Too Sensitive:** Adjust the G-sensor sensitivity settings within the DDPAI app.

For further assistance, please contact DDPAI customer support.

7. SPECIFICATIONS

Feature	Specification
Product Dimensions	3.94 x 1.97 x 0.5 inches
Item Weight	1.01 pounds
Model Number	N1Dual
Video Capture Resolution	Front: 1296P, Rear: 1080P
Connectivity Technology	Wireless (2.4G WiFi)
Special Features	1080P rear dash cam, 1296P dash cam front, App Control, Super Capacitor, Night Vision, 24H Parking Mode, G-Sensor, Loop Recording
Included Components	Car Charger
Mounting Type	Windshield Mount
Manufacturer	DDPAI Technology Limited
First Available Date	November 17, 2023

8. WARRANTY AND SUPPORT


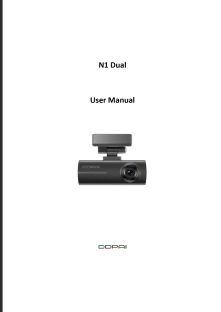

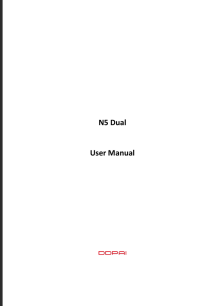
DDPAI provides an 18-month warranty for the N1 Dual Dash Cam, ensuring peace of mind for your purchase. We also offer lifelong consultation service to assist you with any inquiries or issues you may encounter.



Contact Support:

For any questions, technical support, or warranty claims, please reach out to our professional customer service team.

- **Email:** servicecenter@ddpai.com
- **Official User Manual (PDF):** [Download PDF](#)

Related Documents - N1Dual

	<p>DDPAI Mini Dash Cam User Guide - Specifications, Installation, and App Setup</p> <p>Official user guide for the DDPai Mini dash cam. Learn about its specifications, package contents, installation process, LED indicators, how to pair with the DDPai app for preview and downloads, and find contact details for DDPai Technology Co., Ltd.</p>
	<p>DDPAI N1 Dual Dash Cam User Manual</p> <p>Comprehensive user manual for the DDPai N1 Dual dash cam, detailing installation, features, functions, and safety instructions for optimal use.</p>
	<p>DDPAI X2S Pro Dash Cam User Guide</p> <p>Comprehensive user guide for the DDPai X2S Pro Dash Cam, covering specifications, package contents, product overview, LED indicators, installation steps, and DDPai app instructions for preview, playback, and video download.</p>
	<p>DDPAI N5 Dual Dash Cam User Manual: Installation, Features, and Operation</p> <p>Comprehensive user manual for the DDPai N5 Dual 4K dash camera. Learn about installation, ADAS, GPS, app connectivity, parking monitoring, and maintenance.</p>

	<p>DDPAI MINI 5 Dash Cam User Manual</p> <p>Comprehensive user manual for the DDPAI MINI 5 Dash Cam, covering installation, features, and operation. Learn how to set up and use your dash cam for optimal performance.</p>
	<p>DDPAI Z50 Pro User Manual: Installation, Features, and Operation Guide</p> <p>Comprehensive user manual for the DDPAI Z50 Pro dash cam, covering installation, app connection, video and photo functions, parking monitoring, ADAS, GPS, maintenance, and FAQs.</p>