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ddpai Mini 5

ddpai Mini 5 Dash Cam User Manual

Model: Mini 5

Introduction	Safety Information	Product Overview	Setup	Operation	Maintenance
Troubleshooting	Specifications	Warranty & Support			

1. INTRODUCTION

Thank you for choosing the ddpai Mini 5 Dash Cam. This manual provides essential information for the proper installation, operation, and maintenance of your device. Please read it carefully before use and retain it for future reference.

Package Contents

Ensure all items listed below are present in your package. If any item is missing or damaged, please contact customer support.

See what's inside

No More SD card!



Dash Cam



USB Charger



User Manual



3.5m Vehicle Power Cable



3m Adhesiver



Installation Tool

Image 1.1: Package Contents. This image displays the ddpai Mini 5 Dash Cam, a USB charger, the user manual, a 3.5m vehicle power cable, 3m adhesive pads, and an installation tool.

- ddpai Mini 5 Dash Cam
- USB Car Charger
- User Manual (this document)
- 3.5m Vehicle Power Cable
- 3m Adhesive Pads
- Installation Tool

2. SAFETY INFORMATION

Please observe the following safety guidelines to prevent damage to the device or injury to yourself:

- Do not attempt to disassemble, repair, or modify the device. This may void the warranty and pose safety risks.
- Ensure the device is securely mounted and does not obstruct the driver's view or interfere with vehicle controls.

- Use only the provided power cable and charger. Using incompatible accessories may cause damage or fire.
- Avoid exposing the device to extreme temperatures, direct sunlight for prolonged periods, or excessive moisture. The operating temperature range is -20°C to 70°C.
- Keep the lens clean to ensure clear recordings.
- Do not operate the device while driving. Adjust settings only when the vehicle is safely parked.

3. PRODUCT OVERVIEW

The ddpai Mini 5 is a compact and intelligent dash camera designed to record your journeys in high definition and provide enhanced vehicle security features.

Key Features

- **1080p Full HD Recording:** Captures clear video at 30 frames per second.
- **330° Rotatable Lens:** Allows for flexible adjustment of the recording angle.
- **140° Wide View Angle:** Covers multiple lanes of traffic.
- **Built-in Wi-Fi:** Connects to your smartphone for easy video management and settings adjustment via the ddpai app.
- **G-Sensor (Collision Detection):** Automatically detects impacts and locks the current recording to prevent overwriting.
- **24-Hour Parking Mode:** Monitors your vehicle even when parked, with motion and collision detection (requires optional hardwire kit).
- **Super Night Vision:** Enhanced low-light performance for clear nighttime recordings.
- **Loop Recording:** Continuously records, overwriting the oldest footage when the memory card is full.
- **Built-in Super Capacitor:** Provides reliable power in extreme temperatures and offers a longer lifespan compared to traditional batteries.
- **Discreet Design:** Compact form factor allows for unobtrusive installation behind the rearview mirror.
- **Supports up to 128GB Storage:** Ample storage for extended recording.

Visual Features

1080P 330° Rotatable Cam Mini Definition Resolution

Discover what you've been missing with this the brilliant, crisp and clear diaplay.



Image 3.1: Key Features Overview. This image highlights the 1080p resolution, 330° rotatable lens, emergency lock function, support for up to 128GB storage, 140° view angle, and super capacitor for reliable power.

1080P Full High Definition

High-sensitivity 2MP CMOS Sensor comes with power f/2.2 Aperture
@ 4 Glass camera Lens to take Clear Video&Picture

1080P

FHD

Dash Camera

FULL HD 1080P F=2.0

Image 3.2: 1080p Full High Definition. This image shows a close-up of the dash cam lens, emphasizing its 1080p Full HD recording capability with an f/2.0 aperture for clear video and pictures.

Super Night Vision

High-sensitivity 2MP CMOS and 4 glass greatly balanced low-light contrast to provided a clear nighttime image.



Image 3.3: Super Night Vision. This image demonstrates the dash cam's ability to capture clear images in low-light conditions, thanks to its high-sensitivity 2MP CMOS sensor and 4-glass lens.

Built-in Super Capacitor & Discreet Design

Discreet design make it sit unnoticed behind your rear view mirror without blocking the driver's sight.



158°F Max / 70°C

-4°F Min / -20°C



Weather Resistant with Super Capacitor:

Dash cam Mini can withstand in extreme weather (hot summer or snow) from -4 to 158°F, and gives a longer lifespan and offer more security.

Image 3.4: Built-in Super Capacitor & Discreet Design. This image illustrates the compact design of the dash cam, allowing it to be mounted unobtrusively. It also highlights the weather resistance provided by the super capacitor, capable of operating from -20°C to 70°C.

4. SETUP

4.1 Installation

1. **Choose a Location:** Select a position on your windshield, preferably behind the rearview mirror, that does not obstruct your view or interfere with airbags. The discreet design of the Mini 5 allows for minimal visibility.
2. **Clean the Windshield:** Ensure the chosen area on the windshield is clean and dry.
3. **Attach the Adhesive Mount:** Peel off the protective film from one side of the 3m adhesive pad and apply it to the dash cam mount. Then, peel off the other side and firmly press the mount onto the windshield for at least 30 seconds.
4. **Adjust Lens Angle:** Once mounted, rotate the camera body to achieve the desired recording angle. The 330° rotatable lens allows for flexible positioning.

4.2 Power Connection

1. Connect the 3.5m vehicle power cable to the dash cam's power input port.
2. Route the power cable along the edge of the windshield and dashboard to the vehicle's 12V power outlet (cigarette lighter socket). Use the included installation tool to tuck the cable neatly.
3. Plug the USB car charger into the 12V power outlet and connect the power cable to the charger.
4. The dash cam will power on automatically when the vehicle's ignition is turned on.

4.3 Initial Configuration (via ddpai App)

1. Download the 'ddpai' app from your smartphone's app store (iOS or Android).
2. Turn on the dash cam. The Wi-Fi indicator light will illuminate.
3. On your smartphone, go to Wi-Fi settings and connect to the ddpai dash cam's Wi-Fi network (e.g., 'ddpai_Mini5_XXXX'). The default password is '1234567890'.
4. Open the ddpai app. The app will automatically connect to the dash cam.
5. Follow the on-screen prompts to set the date, time, and other preferences.

5. OPERATING INSTRUCTIONS

5.1 Basic Recording

Once powered on, the ddpai Mini 5 will automatically begin continuous loop recording. Video files are saved in segments (e.g., 1, 3, or 5 minutes) to the internal storage. When the storage is full, the oldest unprotected files will be overwritten by new recordings.

5.2 G-Sensor (Emergency Accident Lock)

The built-in G-sensor detects sudden impacts or collisions. When an event is detected, the current video segment is automatically locked and saved to a separate folder, preventing it from being overwritten by loop recording. This ensures critical evidence is preserved.



Emergency Accident Lock

Protect evidence-- the 3-axis Gravity Sensor can detect collision and prevent important clips from being overwritten.

Image 5.1: Emergency Accident Lock. This image illustrates how the 3-axis Gravity Sensor detects collisions and automatically protects important video clips from being overwritten, securing crucial evidence.

5.3 24-Hour Parking Mode

For continuous surveillance when your vehicle is parked, the ddpai Mini 5 offers a 24-hour parking mode. This feature requires a separate hardwire kit (ASIN: B074KDXCX1) to be installed, providing constant power to the dash cam.

- **Motion Detection:** The camera will automatically wake up and record if it detects movement around your vehicle.
- **Collision Detection:** If an impact is detected while parked, the camera will automatically record the event.

24 Hours

24 Hours Parking Mode & G Sensor

Note: Must be hardwired or connect with external battery
Hardwire kit is sold separately via ASIN: B074KDXCX1

Motion Detection
Auto wake up and record movement at once.

Collision Detection
Auto detect impact and record it even the dash cam is off.

Image 5.2: 24 Hours Parking Mode & G Sensor. This image explains the 24-hour parking mode, which includes motion detection (auto wake up and record movement) and collision detection (auto detect impact and record even when the dash cam is off). Note that this mode requires an external hardwire kit, sold separately.

5.4 Managing Recordings via App

Connect your smartphone to the dash cam's Wi-Fi network and use the ddpai app to:

- View live footage from the camera.
- Browse and playback recorded videos.
- Download important video clips to your phone.
- Adjust camera settings (e.g., resolution, G-sensor sensitivity, parking mode settings).

6. MAINTENANCE

6.1 Cleaning the Lens

Regularly clean the camera lens with a soft, lint-free cloth to ensure clear video quality. Avoid using abrasive

cleaners or solvents.

6.2 Firmware Updates

Check the ddpai app periodically for available firmware updates. Keeping your dash cam's firmware up-to-date ensures optimal performance and access to new features.

6.3 Storage Management

While loop recording manages storage automatically, it is recommended to periodically review and delete unnecessary locked files from the app to free up space, especially if you have many emergency recordings.

7. TROUBLESHOOTING

If you encounter issues with your ddpai Mini 5 Dash Cam, refer to the following common problems and solutions:

Problem	Possible Cause / Solution
Dash cam does not power on.	<ul style="list-style-type: none">• Check if the power cable is securely connected to the dash cam and the car charger.• Ensure the car charger is properly inserted into the 12V power outlet.• Verify if the vehicle's 12V power outlet is functioning (e.g., by testing with another device).
Cannot connect to Wi-Fi.	<ul style="list-style-type: none">• Ensure the dash cam is powered on.• Check your phone's Wi-Fi settings to ensure you are connecting to the correct ddpai network.• Verify the Wi-Fi password (default: 1234567890).• Try restarting both the dash cam and your smartphone.
Video footage is blurry or unclear.	<ul style="list-style-type: none">• Clean the camera lens with a soft cloth.• Ensure the protective film has been removed from the lens.• Check if the windshield area in front of the camera is clean.
Recordings are not saving or loop recording is not working.	<ul style="list-style-type: none">• Ensure the dash cam has sufficient internal storage.• Check if the G-sensor sensitivity is set too high, causing too many files to be locked. Adjust settings via the app.• Perform a factory reset via the app if issues persist.
Parking mode is not working.	<ul style="list-style-type: none">• Verify that the optional hardwire kit (ASIN: B074KDXCX1) is correctly installed and providing constant power.• Ensure parking mode is enabled in the ddpai app settings.

8. SPECIFICATIONS

Feature	Detail
Brand	ddpai
Model Name	Mini 5
Resolution	1080p Full HD (1920 x 1080) @ 30fps
Lens	f/2.2 Aperture, 4-Glass Lens, 330° Rotatable
View Angle	140°
Connectivity	Wi-Fi, USB
Special Features	Built-in Display, Built-in WiFi, App Control, G-Sensor (Accelerometer), Loop Recording, 24-Hour Parking Mode (requires hardwire kit), Super Night Vision, Super Capacitor
Storage Support	Up to 128GB (internal storage)
Operating Temperature	-20°C to 70°C (-4°F to 158°F)
Vehicle Service Type	Car

9. WARRANTY AND SUPPORT

The ddpai Mini 5 Dash Cam comes with a standard manufacturer's warranty. Please refer to the warranty card included in your package or visit the official ddpai website for detailed warranty terms and conditions. For technical support, troubleshooting assistance, or warranty claims, please contact ddpai customer service through their official website or the contact information provided in your product packaging.