

70mai A400

70mai Dash Cam A400 User Manual

MODEL: A400

1. Introduction

Thank you for choosing the 70mai Dash Cam A400. This manual provides detailed instructions to help you set up, operate, and maintain your dash camera. The 70mai A400 is designed to capture high-quality video footage of your journeys, offering enhanced safety and peace of mind on the road.

Key features include 2K QHD recording, a 145° wide-angle field of view, WDR (Wide Dynamic Range) technology for improved night vision, loop recording, and convenient control via the 70mai mobile application.



Figure 1: 70mai Dash Cam A400 and its mobile application interface.

2. What's in the Box

Upon unboxing your 70mai Dash Cam A400, please verify that all the following components are included:

- 1 × 70mai Dash Cam A400
- 1 × Car Charger
- 1 × Power Cord
- 1 × Wiring Crowbar
- 2 × Electrostatic Sticker
- 2 × Adhesive Sticker (One pre-applied to the mount)

- 1 × User Manual (This document)

Note: A microSD card (Class 10 or above, 16GB to 128GB capacity) is required for operation and is not included in the package. Please purchase separately.

3. Product Features

The 70mai Dash Cam A400 is equipped with advanced features to ensure reliable and high-quality video recording:

- **1440P Quad HD Recording:** Records video in 2560x1440P resolution, providing clear and detailed footage.



Figure 2: Visual comparison of 1080P Full HD versus 1440P QHD video quality.

- **145° Wide-Angle FOV:** The wide field of view minimizes blind spots, covering at least three lanes of traffic for comprehensive recording.

Enhanced Night Vision, Recording in Any Lighting Conditions



Figure 3: Illustration of the 145° wide-angle field of view from the driver's perspective.

- **WDR Technology & Enhanced Night Vision:** Automatically adjusts exposure balance in varying light conditions (low-light or high-contrast) and features an F/2.0 aperture for clear images even in dim light.

Loop Recording & Evidence Protection



Figure 4: The dash cam's display showing enhanced night vision recording in a low-light environment.

- **Loop Recording & Evidence Protection:** Automatically overwrites the oldest videos with the latest ones. Videos are saved locally on the microSD card, ensuring continuous recording and secure evidence.

App Control Enabled

Pictures Taking | Real-time Footage Watching and Files Downloading
OTA Updating | Files Sharing on Social Media Platforms



Figure 5: Diagram depicting the loop recording process, where new footage replaces the oldest.

- **Built-in Wi-Fi & App Control:** Connects to the 70mai App for real-time footage viewing, recorded video playback, file downloads to your phone, and OTA software updates.

Multi-Color Options



Figure 6: The 70mai Dash Cam A400 with a smartphone demonstrating app control capabilities.

Download the 70mai App: 70mai.com/en/download

4. Setup

Follow these steps to install and set up your 70mai Dash Cam A400:

1. **Insert MicroSD Card:** Ensure the dash cam is powered off. Insert a compatible microSD card (Class 10 or higher, 16GB-128GB) into the designated slot until it clicks.

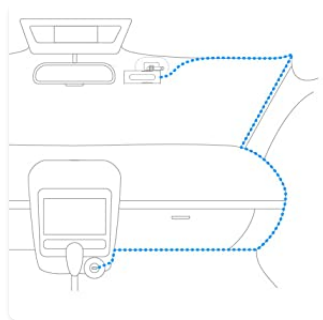


Figure 7: Proper insertion of a microSD card into the dash cam.

2. Mounting the Dash Cam:

- Clean the windshield area where you intend to mount the camera.
- Apply an electrostatic sticker to the windshield first, then attach the adhesive sticker (with the dash cam mount) onto the electrostatic sticker. This allows for easier removal without leaving residue.
- Ensure the camera is positioned to capture a clear view of the road, ideally behind the rearview mirror to avoid obstructing your driving view.

3. Power Connection:

- Connect the power cord to the dash cam and route it along the edge of the windshield, down the A-pillar, and under the dashboard to the car charger.
- Plug the car charger into your vehicle's 12V power outlet (cigarette lighter socket).



Figure 8: Recommended cable routing for a clean installation.

4. Initial Setup:

- Once powered on, the dash cam will guide you through initial settings on its 2-inch IPS LCD screen.
- Alternatively, connect to the 70mai App via Wi-Fi to configure settings, including time, date, and recording preferences.

5. Operating the Dash Cam

The 70mai Dash Cam A400 is designed for ease of use:

- **Automatic Recording:** The dash cam will automatically power on and begin recording when your vehicle's ignition is turned on. It will stop recording and power off shortly after the ignition is turned off.
- **Manual Recording:** You can manually start or stop recording using the physical buttons on the device, or through the 70mai App.
- **Emergency Recording:** In case of a sudden shake or collision (detected by the built-in G-sensor), the dash cam will automatically initiate an emergency recording, which is then locked and protected from being overwritten by loop recording.
- **App Control:** Use the 70mai App to:
 - View live footage from the dash cam.
 - Browse and play back recorded videos.
 - Download video clips directly to your smartphone.
 - Adjust camera settings.

6. Maintenance

Proper maintenance ensures the longevity and optimal performance of your dash cam:

- **MicroSD Card Formatting:** It is recommended to format the microSD card regularly (e.g., once a month) to prevent data corruption and ensure smooth recording. This can typically be done via the dash cam's settings menu or through the 70mai App.
- **Cleaning:** Use a soft, dry cloth to clean the camera lens and body. Avoid using harsh chemicals or

abrasive materials that could scratch the lens or damage the device.

- **Firmware Updates:** Periodically check for firmware updates via the 70mai App. Updates often include performance improvements, bug fixes, and new features. Ensure the dash cam has sufficient power during updates.

7. Troubleshooting

If you encounter issues with your 70mai Dash Cam A400, refer to the following common problems and solutions:

Problem	Possible Cause / Solution
Dash cam does not power on.	Check power connection to the car charger and the dash cam. Ensure the car's 12V outlet is functioning. The dash cam requires continuous power from the car's ignition.
Recording stops unexpectedly or footage is corrupted.	MicroSD card issue. Ensure it's a Class 10 or higher, and within the supported capacity (16GB-128GB). Format the card regularly. Replace if necessary.
Wi-Fi connection issues with the app.	Ensure Wi-Fi is enabled on the dash cam and your phone. Try restarting both devices. Make sure you are connecting to the dash cam's specific Wi-Fi network.
Poor video quality (blurry, dark).	Clean the camera lens. Ensure the protective film is removed. Check settings for resolution and WDR. Adjust camera angle if the view is obstructed.
Dash cam does not record motion when parked.	The A400's parking monitoring feature requires a hardwire kit (sold separately) to provide continuous power after the car is turned off. Without it, the camera powers down.

8. Specifications

Detailed technical specifications for the 70mai Dash Cam A400:

Feature	Detail
Product Dimensions	3.04 x 2.84 x 1.54 inches
Item Weight	3.96 ounces
Item Model Number	A400
Batteries	1 Lithium Ion battery (included)
Connectivity Technologies	Wi-Fi
Color	Ivory
Video Capture Resolution	1440p (2K QHD)
Field Of View	145 Degrees

Feature	Detail
Control Method	App
Mounting Type	Adhesive Mount

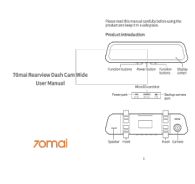

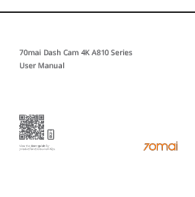


9. Warranty and Support

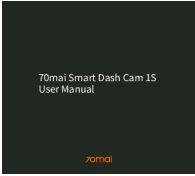
Your 70mai Dash Cam A400 is backed by a **365-day store warranty**. For any assistance, technical support, or warranty claims, please contact the seller or 70mai customer service.

For additional information and detailed instructions, you may refer to the official User Manual PDF [Download User Manual \(PDF\)](#)

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Related Documents - A400

	<p>70mai Rearview Dash Cam Wide User Manual Installation, Features & Operation</p> <p>Comprehensive user manual for the 70mai Rearview Dash Cam Wide. Learn about installation, setup, features like parking surveillance and emergency recording, and important precautions.</p>
	<p>70mai Dash Cam M300 User Manual - Installation, Features, and Safety Guide</p> <p>Comprehensive user manual for the 70mai Dash Cam M300, covering installation, button functions, app connection, memory card usage, specifications, packing list, and safety precautions.</p>
	<p>70mai Dash Cam 4K A810 Series User Manual</p> <p>Comprehensive user manual for the 70mai Dash Cam 4K A810 Series, covering product overview, installation, specifications, precautions, and regulatory compliance. Learn how to set up and use your dash cam for optimal performance.</p>
	<p>70mai Dash Cam A400-1 User Manual</p> <p>Comprehensive user manual for the 70mai Dash Cam A400-1, covering installation, operation, safety precautions, specifications, and warranty information. Includes details on the 70mai app and memory card usage.</p>
	<p>70mai Dash Cam A400 Series User Manual</p> <p>Comprehensive user manual for the 70mai Dash Cam A400 Series, covering installation, operation, specifications, and safety precautions. Learn how to set up and use your dash cam effectively.</p>



[70mai Smart Dash Cam 1S User Manual and Installation Guide](#)

Comprehensive user manual for the 70mai Smart Dash Cam 1S (Midrive D06), covering installation, key functions, voice commands, safety precautions, and specifications. Learn how to set up and use your dash cam.