

## 70mai A800SE-1

# 70mai A800SE Dash Cam User Manual

Model: A800SE-1 | Brand: 70mai

## 1. INTRODUCTION

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The 70mai A800SE Dash Cam is a high-performance vehicle recording device designed to enhance driving safety and provide reliable evidence in case of incidents. Featuring dual camera recording (4K front and 1080P rear), advanced night vision, integrated GPS, and a suite of Advanced Driver-Assistance Systems (ADAS), this dash cam offers comprehensive surveillance and intelligent driving support. Its robust supercapacitor ensures durability across a wide range of temperatures, making it a dependable companion for your journeys.



Figure 1.1: 70mai A800SE Dash Cam and its components.

## 2. PACKAGE CONTENTS

Please verify that all items are present in your package:

- 70mai Dash Cam A800SE-1 Unit
- Rear Camera (if included in package variant)
- 128GB MicroSD Card (pre-installed or included)
- Power Cable
- Car Charger
- Electrostatic Sticker
- Heat Resistant Adhesive
- Crowbar (for cable routing)
- User Manual

### 3. SETUP AND INSTALLATION

Follow these steps for proper installation of your 70mai A800SE Dash Cam:

1. **Prepare the Windshield:** Clean the area on your windshield where you intend to mount the dash cam. Ensure it is free of dust and grease.
2. **Apply Electrostatic Sticker:** Adhere the electrostatic sticker to the cleaned area of the windshield. This helps in easy removal and re-positioning without leaving residue.
3. **Mount the Dash Cam:** Attach the dash cam to the electrostatic sticker using the heat-resistant adhesive. Ensure the lens has a clear view of the road and is not obstructed by the rearview mirror or wipers.
4. **Connect Power:** Connect the power cable to the dash cam and route it along the edge of the windshield and dashboard, tucking it into the trim using the crowbar. Plug the other end into the car charger and then into your vehicle's cigarette lighter socket.
5. **Install Rear Camera (Optional):** If using a rear camera, connect it to the main unit and route its cable to the rear windshield. Mount the rear camera ensuring a clear view.
6. **Power On and Initial Setup:** Start your vehicle. The dash cam will power on automatically. Follow the on-screen prompts for initial language and time settings.
7. **Connect to 70mai App:** Download the 70mai App from your smartphone's app store. Connect to the dash cam's Wi-Fi hotspot (details in Operating Instructions) to access live view, settings, and recorded videos.

For 24-hour parking surveillance, the 70mai UP03 Type-C Hardwire Kit (sold separately, ASIN: B0C36J71VG) is required for continuous power supply when the vehicle is off.



Figure 3.1: Overview of 70mai A800SE features.

### 4. OPERATING INSTRUCTIONS

#### 4.1 Basic Operation

- **Power On/Off:** The dash cam automatically powers on/off with your vehicle's ignition.
- **Recording:** Recording starts automatically when the device is powered on. A red indicator light usually signifies active recording.
- **Screen Display:** The 3-inch LCD screen displays real-time footage from the front and rear cameras. Use the physical buttons below the screen to navigate menus and settings.
- **Emergency Recording:** In case of a collision or sudden shake (detected by the G-sensor), the dash cam

automatically triggers emergency recording, saving the footage to a separate, protected folder.

## 4.2 Wi-Fi and App Control

The 70mai A800SE features built-in 2.4GHz Wi-Fi for seamless connection to the 70mai mobile application.

1. **Download App:** Search for "70mai" in the App Store (iOS) or Google Play Store (Android).
2. **Connect to Wi-Fi:** On the dash cam, enable Wi-Fi (usually via settings menu). On your smartphone, connect to the dash cam's Wi-Fi network (SSID and password displayed on the dash cam screen).
3. **Access Features:** Once connected, use the app to:
  - View live footage (front and rear).
  - Adjust dash cam settings (resolution, G-sensor sensitivity, ADAS, etc.).
  - Browse, download, and share recorded videos and photos.
  - Perform firmware updates (OTA).



Figure 4.1: 70mai App interface for control and management.

## 5. KEY FEATURES EXPLAINED

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### 5.1 Dual 4K Front + 1080P Rear Recording

The A800SE captures crystal-clear 4K (3840x2160) video from the front camera with a 140° field of view, ensuring sharp details like license plates. The 1080P rear camera provides additional coverage, recording either the interior or the rear view of your vehicle, crucial for comprehensive incident recording.



# Vera risoluzione 4K Ultra HD



Apertura F1,55



HDR



FOV140°



Vorne Hinten 30FPS

# 4K



Anteriore: 3840x2160P

Anteriore 140°



Posteriore 130°

Posteriore: 1920x1080P



Figure 5.1: Dual camera recording capabilities.

## 5.2 Super Night Vision with F1.55 Aperture & HDR

Equipped with an F1.55 large aperture lens and HDR technology for both front and rear cameras, the A800SE excels in low-light conditions. It processes details 16 times better than traditional cameras, balancing light and shadows to capture clear images at night, enhancing overall driving safety.

Figure 5.2: Enhanced night vision performance.

### 5.3 Extended Emergency Recording

The dash cam provides an extended emergency video pre-recording solution. It automatically records 10 seconds to 3 minutes before impact and 30 seconds after, capturing the entire incident timeline up to 210 seconds. These critical videos are saved in a special, protected folder to prevent overwriting.



Figure 5.3: Emergency recording buffer functionality.

### 5.4 24-Hour Parking Surveillance & G-Sensor

When paired with the 70mai UP03 Type-C Hardwire Kit (sold separately), the G-sensor detects sudden shakes or collisions while parked, automatically initiating recording. The dash cam also supports time-lapse mode for 24-hour surveillance, reducing storage space by recording at 1/30th of the normal frame rate.



Figure 5.4: Parking surveillance modes.

### 5.5 Loop Recording & Ample Memory

The reliable loop recording function ensures continuous recording by automatically overwriting the oldest files when the memory card is full. This guarantees uninterrupted recording without manual deletion. The A800SE comes standard with a 128GB microSD card and supports cards up to 512GB (U3 or higher).

A promotional graphic for the 70mai A800SE dash cam. It features a main image of a car with a person's hand on the roof, overlaid with a 'REC' icon and a timestamp '2025-05-25 12:26:00'. Below this are two smaller images: one showing a car collision with a red warning icon and the text 'Rilevamento delle collisioni', and another showing a time-lapse of a car with the text 'Modalità time-lapse'. To the right, the text 'Due Modalità di monitoraggio del parcheggio' is displayed. Below this, a table compares 'Modalità Time-lapse' and 'Modalità Normale' in terms of 'Spazio disponibile' (available space). At the bottom right, there is a circular icon of the hardwire kit and text recommending its purchase with ASIN B0C36J71VC.

*Nelle stesse condizioni di registrazione	
Modalità Time-lapse	Spazio disponibile
Modalità Normale	Spazio disponibile

Acquistare il kit 70mai UP03 Hardwire (ASIN B0C36J71VC).

Figure 5.5: Loop recording and memory support.

### 5.6 Integrated GPS & ADAS

Equipped with a 5-module satellite positioning system (GPS + BDS + Galileo + GLONASS + QZSS), the dash cam provides precise global signal coverage for accurate location tracking. Driving routes, speed, latitude, and longitude can be monitored in real-time via the app. ADAS (Advanced Driver-Assistance Systems) actively monitors risks, offering warnings for lane departure, front vehicle collision, pedestrian collision, and cyclist collision, enhancing driving safety.

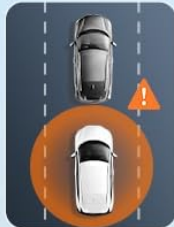


# GPS & ADAS

Le funzioni ADAS avanzate monitorano attivamente i rischi, offrendovi maggiore sicurezza e supporto in ogni guida.



Partenza  
corsia



Collisione  
veicolo davanti



Avvio veicolo  
davanti



Collisione  
persona



Collosione  
ciclista

Registra con precisione ogni viaggio per voi.

04-15-2025 15:16:00

📍 80km/h

📍 0°8'2.918"W, 51°30'4.802"N



Figure 5.6: GPS tracking and ADAS features.

## 5.7 Supercapacitor Reliability

The built-in supercapacitor offers extreme safety and reliability, especially in harsh temperatures ranging from -10°C to 60°C. Unlike traditional lithium batteries, supercapacitors have a longer lifespan, supporting over 500,000 cycles, ensuring long-term durability essential for dash cameras.

Figure 5.7: Supercapacitor benefits over traditional batteries.

## 6. MAINTENANCE

- **Clean the Lens:** Regularly clean the camera lenses with a soft, lint-free cloth to ensure clear recordings.
- **Format SD Card:** It is recommended to format the microSD card once a month to prevent data corruption and ensure optimal performance. Do this via the dash cam's settings menu or the 70mai app. Back up important videos before formatting.
- **Firmware Updates:** Keep your dash cam's firmware updated through the 70mai app to benefit from new features and performance improvements.
- **Check Connections:** Periodically check all cable connections to ensure they are secure.

## 7. TROUBLESHOOTING

Problem	Possible Cause / Solution
Dash cam does not power on.	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 vehicle's cigarette lighter socket. Verify if the vehicle's cigarette lighter socket is receiving power.
Recording stops unexpectedly.	The microSD card might be full. Enable loop recording or format the card. The microSD card might be faulty or too slow. Use a U3 or higher speed card. Overheating: Ensure proper ventilation around the dash cam.
Poor video quality.	Clean the camera lens. Check video resolution settings in the app. Ensure the electrostatic sticker and adhesive are applied smoothly without bubbles.
Wi-Fi connection issues.	Ensure Wi-Fi is enabled on the dash cam. Restart both the dash cam and your smartphone. Forget the Wi-Fi network on your phone and reconnect.
ADAS warnings are too frequent/annoying.	Adjust ADAS sensitivity settings via the 70mai app. If desired, ADAS features can be disabled in the settings.

## 8. SPECIFICATIONS

Feature	Detail
Model Name	A800SE-1
Brand	70mai
Product Dimensions	17.1 x 17.2 x 5.2 cm
Item Weight	680 grams









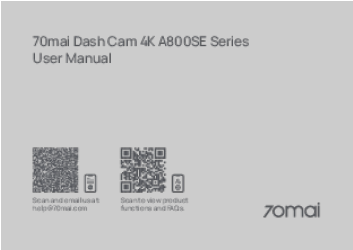
Feature	Detail
Display Size	3 Inches
Display Type	LCD
Front Video Resolution	4K (3840x2160p)
Rear Video Resolution	1080P (1920x1080p)
Front Viewing Angle	140 Degrees
Aperture	F1.55
Memory Card Included	128 GB
Max Memory Card Support	512 GB (U3 or higher)
Connectivity Technology	Wi-Fi
Special Features	G-Sensor, Integrated GPS, Parking Monitor, Night Vision, ADAS
Power Source	Supercapacitor
Operating Temperature	-10°C to 60°C
Mounting Type	Windshield Mount

## 9. WARRANTY AND SUPPORT

70mai products typically come with a standard manufacturer's warranty. Please refer to the warranty card included in your package for specific terms and conditions, or visit the official 70mai website for detailed warranty information. For technical support, troubleshooting assistance, or any inquiries regarding your 70mai A800SE Dash Cam, please contact 70mai customer service or visit their official support channels. You can also find more information and resources on the 70mai Brand Store on Amazon:

[Visit the 70mai Brand Store](#)

	<p><a href="#">70mai Dash Cam 4K A800SE Series User Manual</a></p> <p>User manual for the 70mai Dash Cam 4K A800SE Series, providing installation instructions, specifications, and safety precautions.</p>
	<p><a href="#">70mai Dash Cam 4K A800SE Series User Manual: Installation, Features &amp; Safety</a></p> <p>This comprehensive user manual provides essential information for the 70mai Dash Cam 4K A800SE Series. It covers detailed installation steps, product overview, technical specifications, package contents, and important safety precautions. Learn how to effectively use your dash cam for enhanced driving safety and recording.</p>
	<p><a href="#">Botslab G980H-N529-1 Dash Cam: Safety, Compliance, and Warranty Information</a></p> <p>This document provides essential safety, personal data security, battery warnings, and warranty service policies for the Botslab G980H-N529-1 dash cam. It includes EU regulatory compliance information, manufacturer details, and operating specifications, presented in multiple languages.</p>
	<p><a href="#">70mai Dash Cam 4K A810 Series User Manual</a></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><a href="#">70mai Dash Cam Pro Plus+ User Manual and Installation Guide</a></p> <p>Comprehensive user manual and installation guide for the 70mai Dash Cam Pro Plus+. Learn about product features, installation steps, memory card usage, safety precautions, and technical specifications.</p>
	<p><a href="#">F9 Bluetooth Motorcycle Dash Cam User Manual</a></p> <p>User manual for the VSYSTO F9 Bluetooth Motorcycle Dash Cam, covering installation, operation, features like GPS, tire pressure monitoring, and phone connectivity.</p>



[70mai Dash Cam 4K A800SE Series User Manual: Installation, Features & Safety](#)

This comprehensive user manual provides essential information for the 70mai Dash Cam 4K A800SE Series. It covers detailed installation steps, product overview, technical specifications, package contents, and important safety precautions. Learn how to effectively use your dash cam for enhanced driving safety and recording.

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[70mai Dash Cam 4K A800SE Series User Manual](#)

User manual for the 70mai Dash Cam 4K A800SE Series, providing installation instructions, specifications, and safety precautions.

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70mai Dash Cam 4K A800SE Set microSD

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[EMTEK Test Report for 70mai Dash Cam A800SE Series](#)

This document details the electromagnetic emissions compliance test report for the 70mai Dash Cam, models A800SE and A800SE-1, conducted by EMTEK (Shenzhen) Co., Ltd. It covers test methodologies, equipment, and results against FCC and IC standards, confirming compliance.

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