

70mai A810S

70mai Dash Cam A810S User Manual

4K+1080P Front and Rear Car Camera

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your 70mai Dash Cam A810S. The A810S is a high-performance front and rear car camera system designed to record driving footage in 4K (front) and 1080P (rear) resolutions, featuring advanced technologies such as STARVIS 2 HDR for enhanced night vision, integrated GPS for precise location tracking, and AI-based 24-hour parking surveillance. Please read this manual thoroughly before using the device to ensure proper functionality and safety.

WHAT'S IN THE BOX

Verify that all items are present in the package:

- 70mai Dash Cam A810S (Front Camera)
- Rear Camera
- Car Charger
- Electrostatic Sticker
- Power Cable (USB-A to USB-C)
- Rear Camera Connection Cable
- Wiring Tool
- 128GB MicroSD Card
- User Manual
- Parking Surveillance Warning Stickers (x2)

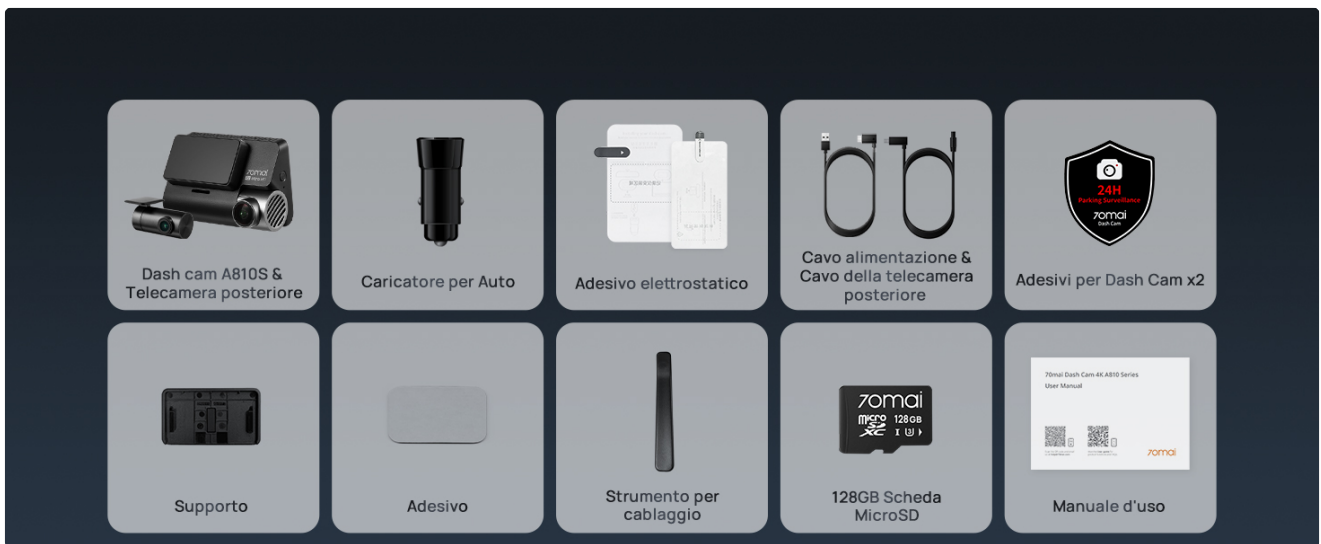


Image: The package contents, including the main dash cam, rear camera, car charger, cables, microSD card, and user manual.

SETUP

1. MicroSD Card Installation

Insert the provided 128GB MicroSD card into the designated slot on the dash cam. Ensure the card is inserted correctly until it clicks into place. The device supports up to 512GB MicroSD cards.

2. Dash Cam Mounting

1. Clean the windshield area where the dash cam will be mounted.
2. Apply the electrostatic sticker to the cleaned area on the windshield. This allows for repositioning without leaving adhesive residue.
3. Attach the dash cam mount to the electrostatic sticker.
4. Slide the dash cam onto the mount, ensuring it is securely fastened. Adjust the lens angle to capture the road ahead clearly.

3. Rear Camera Installation

Mount the rear camera on the rear windshield using its adhesive. Connect the rear camera to the main dash cam using the provided rear camera connection cable. Route the cable discreetly along the vehicle's interior trim.

4. Power Connection

Connect the power cable to the dash cam and plug the car charger into your vehicle's cigarette lighter socket. For 24-hour parking surveillance, a 70mai hardwire kit (UP03, UP04, or UP06, sold separately) is required to connect the dash cam directly to the car's fuse box.

Facile da Installare



Image: Illustration of the dash cam and rear camera installation process, showing cable routing.

OPERATING INSTRUCTIONS

1. Initial Power On and Configuration

Once powered, the dash cam will automatically turn on. Follow the on-screen prompts to select your language and set the date/time. For full functionality and easier control, download the 70mai app on your smartphone.

2. App Control (Wi-Fi Connection)

The 70mai app allows you to view live footage, manage recordings, change settings, and download videos directly to your phone. To connect:

1. Enable Wi-Fi on your dash cam via the device settings.
2. Open the 70mai app on your smartphone and connect to the dash cam's Wi-Fi hotspot.
3. Once connected, you can access all features through the app.

Controllo Tramite Wi-Fi e App

Connettiti all'app 70mai tramite l'hotspot Wi-Fi della dashcam. Scarica video 400% più velocemente.

5GHz Wi-Fi | 2.4GHz | Download Video 400% Faster

70mai | Download on the App Store | GET IT ON Google Play

Cronologia | Impostazioni | Aggiornamento Firmware | OTA | GPS

Image: The 70mai mobile application interface for controlling the dash cam via Wi-Fi.

3. Recording Modes

- **Standard Recording:** The dash cam automatically begins recording when the vehicle starts. Footage is saved in segments and overwritten when the MicroSD card is full (loop recording).
- **Emergency Recording:** In case of a collision or sudden impact, the built-in G-sensor triggers emergency recording,

saving footage (up to 3 minutes before and 30 seconds after the event) to a protected folder that will not be overwritten.

- **Time-lapse Recording:** When a hardware kit is installed, the dash cam can record in time-lapse mode during parking surveillance, capturing continuous footage at a reduced frame rate to save storage space.



Image: The intelligent emergency pre-recording feature, capturing critical moments before and after an impact.



Image: Loop recording functionality, showing how older files are overwritten when the MicroSD card is full.

4. Voice Control

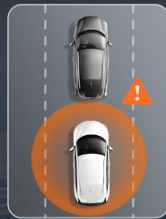
The A810S supports voice commands for hands-free operation. Common commands include "Record video," "Take photo," "Enable hotspot," and "Disable hotspot." Refer to the in-app settings for a complete list of supported commands.

ADAS per viaggi Intelligenti

Il sistema avanzato di assistenza alla guida (ADAS) migliora la sicurezza di guida con funzionalità come l'avviso di superamento della corsia, la prevenzione delle collisioni e l'assistenza in tempo reale.



Avviso di superamento della corsia



Avviso di traffico in movimento



Avviso di veicolo che precede



Avviso di pedone



Avviso di passeggero

Image: Voice control options for managing recording and Wi-Fi hotspot.

ADVANCED FEATURES

1. 4K HDR Recording with STARVIS 2 Night Vision

The front camera records in true 4K resolution, while the rear camera records in 1080P, both utilizing HDR (High Dynamic Range) for balanced exposure in varying light conditions. The advanced Sony STARVIS 2 sensor and 70mai Night Owl View technology provide exceptional clarity and color saturation for night recordings, capturing details even in low-light environments.

70mai

70mai Dashcam 4K A810S

Chiarezza Estrema, Sicurezza Estrema.

STARVIS 2 4K HDR ADAS 4G

MaiColor Vivid+ Solution™ 70mai Night Owl Vision™ 70mai Lumi Vision™

Image: Dual HDR recording capabilities, illustrating 4K front and 1080P rear video capture.



Image: Enhanced night vision performance with STARVIS 2 and Dual HDR, showing improved clarity in dark conditions.

2. Integrated GPS

The integrated GPS module provides precise positioning and route tracking. It records time, speed (mph/km/h), and coordinates, which can be crucial for accident assistance and insurance claims. The 70mai app generates route tracking maps for each journey.




Image: High-precision GPS functionality, displaying route tracking and location data.

3. ADAS (Advanced Driver-Assistance Systems)

The A810S includes ADAS features to enhance driving safety. These systems provide alerts for potential hazards such as lane departure, forward collision, and pedestrian detection. These alerts are designed to assist the driver and should not replace attentive driving.

Modulo 4G Aggiornato

Più veloce del supporto LTE 
Richiede UP04: B0C7CCHK4S (non incluso)

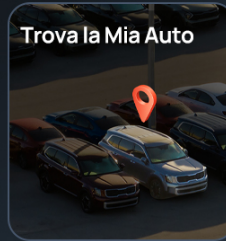
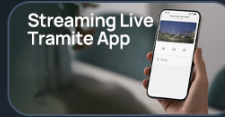


Image: Advanced ADAS features for intelligent driving, including lane departure, forward collision, and pedestrian warnings.

4. 24/7 AI Parking Surveillance

With an optional hardware kit (UP03, UP04, or UP06), the A810S provides 24/7 parking surveillance. Its advanced AI motion detection algorithm identifies suspicious activity around the parked vehicle and automatically triggers recording. Both front and rear cameras record during parking surveillance. Parking warning stickers are included to deter potential incidents.

Modalità Parcheggio 24/7

Grazie all'algorithmo avanzato di rilevamento del movimento AI, l'A810S è in grado di identificare attività umane sospette davanti all'auto e di attivare automaticamente la registrazione.

Nota: il kit cablato 70mai, che si tratti del kit cablato 4G UP04 B0C7CCHK4S, UP03 B0C36J71VG o UP06 B0FF52F6ZB, è necessario per la modalità parcheggio e venduto separatamente.

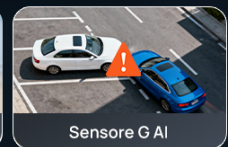
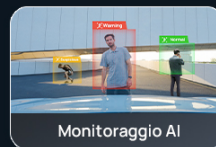
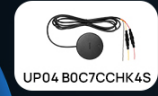


Image: 24/7 parking surveillance mode, highlighting AI motion detection and the need for a hardwire kit.

Rilevamento Movimenti AI

Il riconoscimento facciale migliorato distingue con precisione tra ombre e persone, riducendo i falsi allarmi rispetto al riconoscimento del movimento convenzionale.

(Kit cablato UP03/UP04/UP06 richiesto, non incluso)

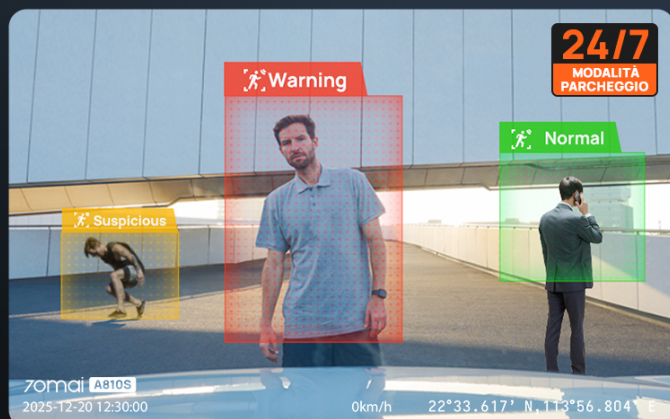


Image: Intelligent parking monitoring with adjustable sensitivity for collision detection.

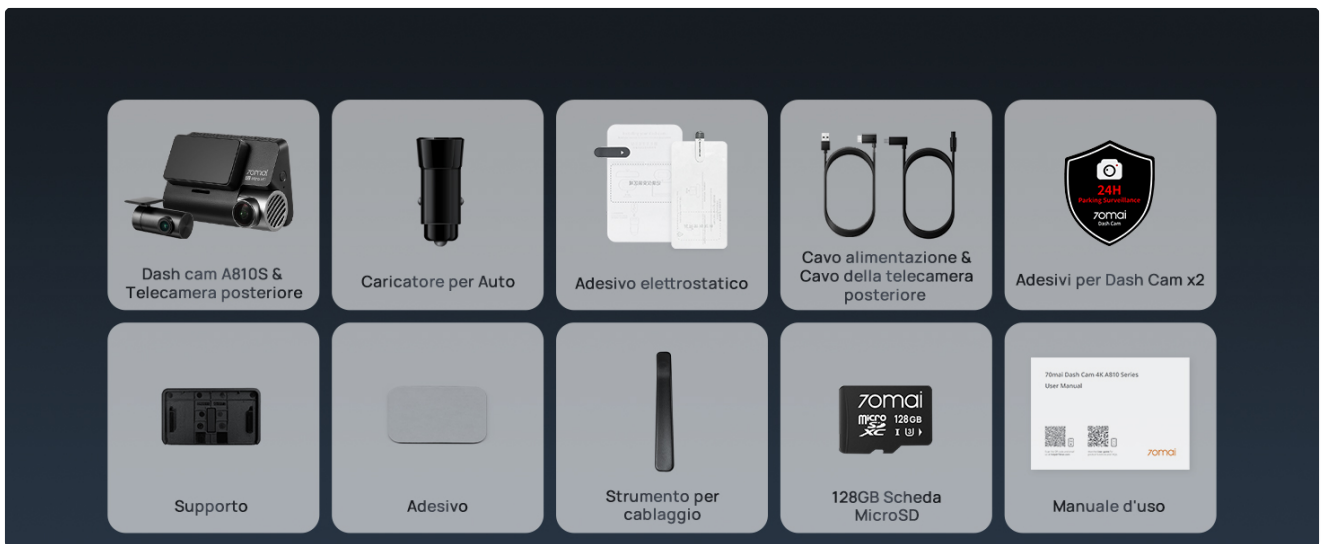


Image: Smart parking warning stickers included to indicate 24/7 surveillance.

MAINTENANCE

1. MicroSD Card Management

Regularly format the MicroSD card (at least once a month) through the dash cam settings or the 70mai app to ensure optimal performance and prevent data corruption. Back up important videos before formatting.

2. Cleaning

Wipe the dash cam lens and screen with a soft, dry cloth to remove dust and smudges. Avoid using abrasive cleaners or solvents that could damage the device.

3. Firmware Updates

Check for firmware updates periodically via the 70mai app. Keeping the firmware updated ensures access to the latest features and performance improvements.

TROUBLESHOOTING

- **Dash Cam not powering on:** Ensure the power cable is securely connected to both the dash cam and the car's power outlet. Check the car charger and the vehicle's fuse.
- **Poor video quality:** Clean the lens. Ensure the protective film has been removed. Check the video resolution settings in the app. Format the MicroSD card.
- **Wi-Fi connection issues:** Ensure Wi-Fi is enabled on the dash cam. Restart both the dash cam and your smartphone. Try reconnecting through the 70mai app.
- **Parking surveillance not working:** Verify that a 70mai hardwire kit (UP03, UP04, or UP06) is correctly installed and connected to the car's fuse box. Check the parking surveillance settings in the app.
- **GPS signal loss:** Ensure the dash cam has a clear view of the sky. Avoid mounting near metallic objects that could interfere with the signal.

SPECIFICATIONS

Brand	70mai
-------	-------

Model Name	70mai Dashcam 4K A810S
Connectivity Technology	Wi-Fi
Special Features	App Control, Integrated GPS, Built-in Supercapacitor
Video Capture Resolution	Front: 2160p (4K), Rear: 1080p
Mounting Type	Windshield Mount
Color	Black or Grey
Field of View	145.98 degrees (Front)
Optical Sensor Technology	CMOS (Sony IMX678)
Flash Memory Type	MicroSD
Max Aperture	f/1.7
Screen Size	3 Inches
Frame Rate	30 FPS
Included Memory Card Size	128 GB
Max Supported Flash Memory	512 GB
Power Source	Supercapacitor
Item Weight	286 Grams
Dimensions (DxWxH)	17.3 x 15.2 x 5.1 cm

Supercondensatore

Garantisce un'alimentazione affidabile a temperature estreme (da -10 °C a 60 °C) per diversi anni, garantendo prestazioni durature essenziali per le telecamere da cruscotto



Maggiore durata del prodotto



Ultra resistenza





60°C



-10°C

Image: The new generation supercapacitor, ensuring reliable power in extreme temperatures (-10°C to 60°C).

WARRANTY AND SUPPORT

Warranty Information

The 70mai Dash Cam A810S comes with a **2-year product warranty**. This warranty covers manufacturing defects and ensures the product meets its specified performance standards under normal use. Please retain your proof of purchase for warranty claims.

Customer Support

For technical assistance, troubleshooting, or warranty inquiries, please contact 70mai customer support. You can typically find contact information on the official 70mai website or through the 70mai app. For purchases made through Amazon, you may also contact the seller, **70mai-EU**, for support related to your order.