

## 70mai A810 Lite

# 70mai A810 Lite 4K Dual Dash Cam User Manual

Comprehensive instructions for setup, operation, maintenance, and troubleshooting.

## 1. INTRODUCTION

The 70mai A810 Lite is a high-performance dual dash camera system designed to record your journeys in exceptional clarity. Featuring 4K Ultra HD front recording and 1080P rear recording, it captures critical details such as license plates and road signs. Equipped with advanced features like 5GHz WiFi, GPS, 4G LTE support (with optional kit), HDR, enhanced night vision, 24/7 parking surveillance, G-sensor, and loop recording, this dash cam provides reliable video evidence for incidents and insurance purposes, enhancing your driving safety and peace of mind.

## PRODUCT OVERVIEW VIDEO

Your browser does not support the video tag.

Video: An official overview of the 70mai A810 Lite Dash Cam, demonstrating its key features and functionalities.

## 2. WHAT'S IN THE BOX

Please verify that all items are present and in good condition upon unboxing:

- 70mai Dash Cam 4K A810 Lite (Front Camera)
- RC21 Rear Camera
- 64 GB Micro SD Card
- Car Charger
- Power Cable
- Rear Camera Cable

- User Manual
- Dashcam Warning Sticker × 2
- Wiring Tool
- Mounting Bracket
- Adhesive Sticker × 1
- Electrostatic Sticker × 2
- Cable Clips × 5

# Parcheeggio Intelligente **24/7**



(È richiesto il Kit di Cablaggio UP03/UP04/UP06 durante il parcheggio)

Image: All components included in the 70mai A810 Lite Dash Cam package.

## 3. SETUP AND INSTALLATION

### 3.1 Physical Installation

1. **Choose Mounting Location:** Select a position on your windshield, typically behind the rearview mirror, that does not obstruct your view. Ensure the camera lens has a clear view of the road.
2. **Clean Windshield:** Thoroughly clean the chosen area on the windshield.
3. **Apply Electrostatic Sticker:** Apply one electrostatic sticker to the cleaned area. This allows for easier removal and repositioning of the dash cam.
4. **Attach Mounting Bracket:** Secure the mounting bracket to the electrostatic sticker using the adhesive.
5. **Mount Front Camera:** Slide the 70mai A810 Lite dash cam onto the mounting bracket.
6. **Install Rear Camera (RC21):** Mount the RC21 rear camera on your rear windshield, ensuring a clear view.
7. **Connect Cables:**
  - Connect the power cable from the front camera to the car charger, then plug the charger into your vehicle's cigarette lighter socket.
  - Connect the rear camera cable from the RC21 to the designated port on the front dash cam.
  - Route cables neatly along the windshield and interior trim using the provided wiring tool and cable clips to avoid obstruction and ensure a clean installation.



Image: The 70mai A810 Lite dash cam installed discreetly behind the rearview mirror.



Image: Wiring diagram for the 70mai A810 Lite and RC21 rear camera installation.

### 3.2 Initial Configuration

1. **Power On:** Start your vehicle to power on the dash cam.
2. **Download 70mai App:** Download the official 70mai app from your smartphone's app store (iOS or Android).
3. **Connect via Wi-Fi:** Open the 70mai app, follow the on-screen instructions to connect to the dash cam's 5GHz Wi-Fi network. The default Wi-Fi name and password can be found in the dash cam settings or user manual.
4. **Adjust Settings:** Use the app to adjust video resolution, loop recording duration, G-sensor sensitivity, time zone, and other preferences.

5. **Format SD Card:** It is recommended to format the included 64GB Micro SD card through the dash cam's settings via the app for optimal performance.

## 4. OPERATING INSTRUCTIONS

### 4.1 Driving Recording

The dash cam automatically begins recording when your vehicle starts. It records simultaneously from the front 4K camera and the rear 1080P camera.

- **4K Front & 1080P Rear:** Captures high-resolution video from both directions, ensuring comprehensive coverage.
- **HDR (High Dynamic Range):** Balances light and shadow, reducing glare and overexposure for clear details in challenging lighting conditions.
- **Enhanced Night Vision:** With an F1.55 aperture and advanced technology, the dash cam records clear and balanced videos in low-light conditions, tunnels, and rain.
- **Loop Recording:** Continuously records, overwriting the oldest files when the SD card is full, ensuring uninterrupted recording. Emergency recordings are protected from being overwritten.



Image: Demonstrates 4K UHD clarity, making license plates clearly visible.

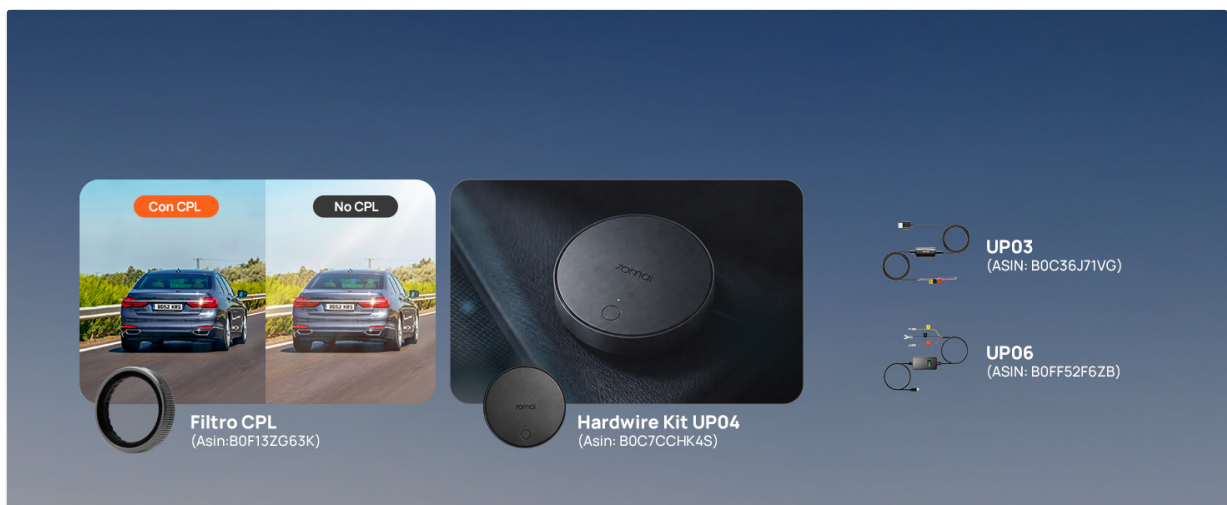


Image: HDR technology balances light and shadow for optimal video quality.



Il tracciamento GPS multi-sistema registra posizione e percorsi con precisione, fornendo dati affidabili per la navigazione e la revisione di incidenti.

Image: Enhanced night vision provides clear recordings in low-light conditions.



La protezione parcheggio 24/7 monitora automaticamente il tuo veicolo, rilevando gli impatti e registrando gli eventi critici anche quando sei lontano.

(Durante il parcheggio sono richiesti i Kit di cablaggio UP03/UP04/UP06)

Image: Dual lenses record front and rear views; the rear camera can rotate 360° to record the car's interior or the view behind the vehicle.

## 4.2 Parking Surveillance (24/7)

To enable 24/7 parking surveillance, a 70mai Hardwire Kit (UP03/UP04/UP06, sold separately) is required. This mode protects your car by monitoring it continuously when parked.

- **G-Sensor:** Detects sudden shakes or collisions and automatically records and locks emergency videos.
- **Time-Lapse Recording:** Compresses long hours of parking footage into short videos, saving storage space while maintaining continuous surveillance.
- **Low Voltage Protection:** Automatically cuts power if the car battery voltage drops below a safe level, preventing battery drain.



Il **5GHz Wi-Fi 6** integrato offre download più veloci e stabili, consentendo di accedere e condividere i filmati senza rimuovere la scheda di memoria.

**Wi-Fi 6 5GHz** 25MB/s

Altro 2MB/s

ZOMAI Wi-Fi Download on the App Store GET IT ON Google Play

Image: 24/7 parking protection monitors your vehicle automatically, detecting impacts and recording critical events even when you are away.



"Turn off audio"

"Turn on hotspot"

"Turn off hotspot"

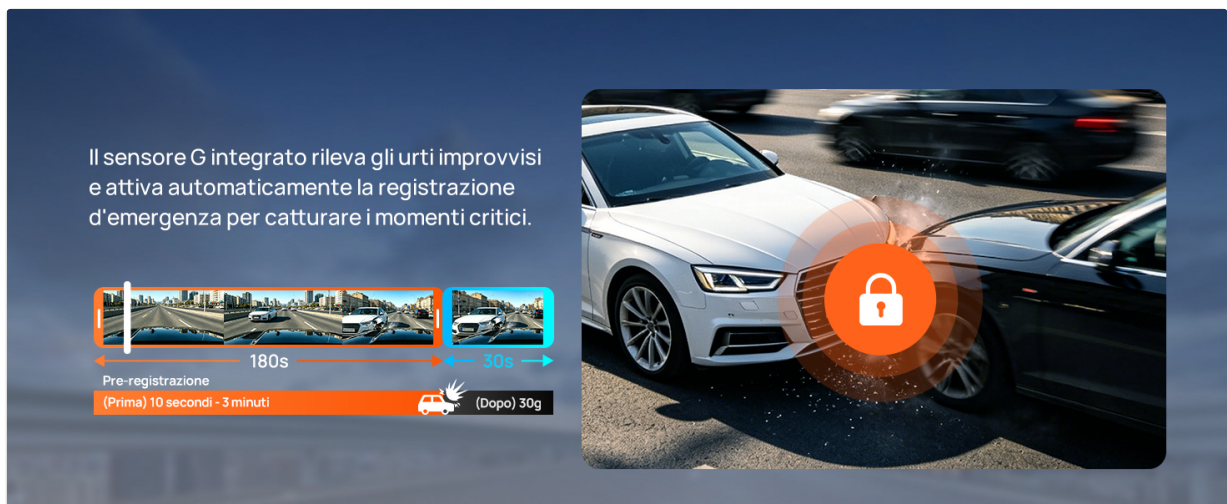
"Turn on audio"

"Lock the video"

"Take photo"

Il **controllo vocale in Inglese** ti consente di gestire le funzioni principali senza togliere le mani dal volante, garantendo un'esperienza di guida più sicura e comoda.

Image: Time-lapse recording captures long hours of parking in compressed format, saving storage space while maintaining continuous surveillance.



Il sensore G integrato rileva gli urti improvvisi e attiva automaticamente la registrazione d'emergenza per catturare i momenti critici.

Pre-registrazione (Prima) 10 secondi - 3 minuti 180s (Dopo) 30g

Image: The integrated G-sensor detects sudden impacts and automatically activates emergency recording to capture critical moments.



Image: Low voltage protection automatically cuts power if the battery drops below a safe level, preventing discharge and keeping the car ready to start.

### 4.3 4G LTE Remote Features

With the optional 70mai 4G Hardwire Kit (UP04, sold separately), you can access advanced remote features:

- **Remote Live Streaming:** View your car's surroundings in real-time from your smartphone.
- **Real-time Tracking:** Monitor your vehicle's location and driving route.
- **Impact Alerts:** Receive instant notifications on your phone if an impact is detected while parked.
- **Cloud Storage:** Store important video clips securely in the cloud.



La registrazione time-lapse cattura lunghe ore di parcheggio in formato compresso, risparmiando spazio di archiviazione mantenendo una sorveglianza continua.

(Durante il parcheggio sono richiesti i Kit di cablaggio UP03/UP04/UP06)

Image: Stay connected to your car with 4G LTE, allowing remote access, real-time alerts, and cloud-based protection anytime, anywhere.



Image: Receive instant impact alerts on your phone, so you are always informed about what happens to your vehicle, even when you are away.

#### 4.4 Voice Control

The 70mai A810 Lite supports English voice commands, allowing you to control key functions without taking your hands off the steering wheel. This enhances driving safety and convenience.

- "Turn off audio"
- "Turn on audio"
- "Turn on hotspot"
- "Turn off hotspot"
- "Lock the video"
- "Take photo"



Image: Voice control in English allows you to manage main functions without taking your hands off the wheel, ensuring a safer and more comfortable driving experience.

#### 4.5 Wi-Fi 6 Connectivity

The integrated 5GHz Wi-Fi 6 provides faster and more stable data transfers (up to 25MB/s), allowing you to preview, download, and share videos directly to your smartphone without removing the SD card. The 70mai app also supports live view, playback, settings adjustment, GPS data review, and OTA firmware updates.

Protezione da bassa tensione: interrompe automaticamente l'alimentazione se la batteria scende sotto il livello di sicurezza, evitando lo scaricamento e mantenendo l'auto pronta all'avvio.



(Durante il parcheggio sono richiesti i Kit di cablaggio UP03/UP04/UP06)

Image: The integrated 5GHz Wi-Fi 6 offers faster and more stable downloads, allowing you to access and share footage without removing the memory card.

## 4.6 GPS Tracking

The 3-mode GPS (GPS + GLONASS + BDS) accurately records speed, route, and location, providing reliable data for navigation and incident review.



Image: Multi-system GPS tracking records position and routes with precision, providing reliable data for navigation and incident review.

## 5. MAINTENANCE

- **SD Card Management:** Regularly format the Micro SD card (at least once a month) to maintain optimal performance and prevent data corruption. Use a high-quality, reputable brand of Micro SD card.
- **Lens Cleaning:** Keep the camera lenses clean from dust and smudges using a soft, lint-free cloth. Avoid abrasive materials that could scratch the lens.
- **Firmware Updates:** Check for and install firmware updates via the 70mai app to ensure your dash cam has the latest features and bug fixes.
- **Temperature Considerations:** The dash cam is equipped with a supercapacitor for enhanced durability in extreme temperatures (-10°C to 60°C). However, avoid prolonged exposure to direct sunlight in extremely hot conditions when the vehicle is parked.



Image: The supercapacitor ensures stable function in extreme conditions, supporting up to 500,000 charge-discharge cycles and preserving video files during power interruptions.

## 6. TROUBLESHOOTING

Problem	Possible Cause / Solution
Dash cam does not power on.	<ul style="list-style-type: none"> <li>• Check if the car charger is properly connected to the cigarette lighter and the dash cam.</li> <li>• Ensure the vehicle's ignition is on.</li> <li>• Test the car charger with another device to confirm it's working.</li> </ul>
Video footage is blurry or unclear.	<ul style="list-style-type: none"> <li>• Clean the camera lenses with a soft cloth.</li> <li>• Ensure the protective film has been removed from the lens.</li> <li>• Check if the dash cam is securely mounted and not vibrating.</li> <li>• Verify video resolution settings in the 70mai app.</li> </ul>
SD card error or recording issues.	<ul style="list-style-type: none"> <li>• Format the SD card via the 70mai app.</li> <li>• Ensure you are using a high-speed (Class 10 or U3) Micro SD card.</li> <li>• The SD card may be faulty; try a different card.</li> </ul>
Cannot connect to 70mai app via Wi-Fi.	<ul style="list-style-type: none"> <li>• Ensure the dash cam's Wi-Fi is enabled.</li> <li>• Restart both the dash cam and your smartphone.</li> <li>• Check if you are connecting to the correct Wi-Fi network (usually named "70mai_XXXX").</li> <li>• Verify the Wi-Fi password.</li> </ul>

Problem	Possible Cause / Solution
Parking surveillance not working.	<ul style="list-style-type: none"> <li>• Confirm that a 70mai Hardwire Kit (UP03/UP04/UP06) is installed and correctly connected.</li> <li>• Ensure parking surveillance mode is enabled in the dash cam settings.</li> <li>• Check G-sensor sensitivity settings.</li> </ul>

## 7. SPECIFICATIONS

Feature	Detail
Brand	70mai
Model Name	A810 Lite
Vehicle Service Type	Automobile
Connectivity Technology	Wi-Fi (5GHz), 4G LTE (with optional kit)
Special Features	App Control, G-Sensor, Integrated GPS, Loop Recording, Night Vision, HDR
Video Capture Resolution	Front: 2160p (4K), Rear: 1080p
Mounting Type	Windshield Mount
Field of View	140 Degrees
Product Dimensions	91P x 46l x 24H mm
Compatible Vehicle Type	Car, SUV, Truck
Screen Size	3.18 Inches
Flash Memory Type	microSD
Maximum Aperture	F1.55
Auto Part Position	Front, Rear
Batteries Included	Yes (Supercapacitor)
Compatible Devices	Car, Truck, Smartphone, PC
Included Memory Card Size	64 GB
Max Supported Flash Memory	512 GB
Item Weight	276.7 Grams

## 8. WARRANTY AND SUPPORT

The 70mai A810 Lite Dash Cam is backed by a **24-month warranty**. For any technical assistance, installation services, or product inquiries, please contact 70mai customer support. Professional service teams are available to provide support.

- **Warranty Period:** 24 Months
- **Customer Service:** Available for technical support and inquiries.
- **Installation Services:** Optional installation services may be available in select regions (e.g., Bari and Trento in Italy).
- **Firmware Updates:** Available via OTA (Over-The-Air) through the 70mai app.



Image: 70mai offers reliable service and quality support for its products.

## 9. IMPORTANT NOTES

- The 4G LTE remote features require the purchase and installation of the 70mai 4G Hardwire Kit (UP04).
- 24/7 parking surveillance requires the purchase and installation of a 70mai Hardwire Kit (UP03/UP04/UP06).
- Always adhere to local laws and regulations regarding dash cam usage.