

[Manuals.plus](#) /

› [70mai](#) /

› 70mai Dash Cam 4K A810 Lite Instruction Manual

70mai A810lite

70mai Dash Cam 4K A810 Lite Instruction Manual

Model: A810lite

INTRODUCTION

The 70mai Dash Cam 4K A810 Lite is a high-performance dual-camera system designed to record your driving in stunning 4K resolution for the front camera and 1080p for the rear camera. Equipped with advanced features such as HDR, super night vision, built-in GPS, Wi-Fi 6 connectivity, and voice control, this dash cam provides comprehensive coverage and enhanced safety for your vehicle. Its robust super capacitor ensures reliable operation in extreme temperatures and offers a long lifespan. This manual provides detailed instructions for installation, operation, and maintenance to ensure optimal performance of your device.

WHAT'S IN THE BOX

Please verify that all the following items are included in your package:

- 70mai Dash Cam 4K A810 Lite (Main Unit)
- 70mai RC21 Rear Camera
- 64GB Micro SD Card
- USB Car Charger
- Type-C Power Cable (3.5 meters)
- Rear Camera Signal Cable (6 meters)
- Adhesive Mounts (2 sheets, one pre-installed on mount)
- Static Cling Films (4 sheets: 2 for front, 2 for rear)
- Cable Clips
- Wiring Pry Tool
- Instruction Manual



Image: All components included in the 70mai Dash Cam 4K A810 Lite package.

SETUP AND INSTALLATION

1. Mounting the Dash Cam

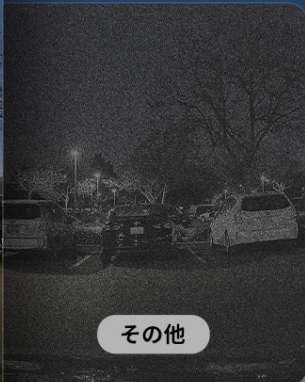
1. Clean the windshield area where the dash cam will be mounted.
2. Apply the static cling film to the cleaned area.
3. Attach the dash cam to the static cling film using the adhesive mount. Ensure the camera lens has a clear view of the road.
4. Adjust the camera angle to capture the desired field of view. The main unit allows for a 50-degree angle adjustment.

**70mai Lumi Vision™**

夜間の駐車監視機能がさらに進化。暗闇でも、視界はクリア。業界初!真っ暗な環境でも、車両の周囲を鮮明に可視化する革新的ナイトビジョン技術。「70mai LumiVision」は、ほぼ完全な暗闇でも映像をクリアに記録できる独自の次世代夜間映像技術。

 **2.6X** 露出時間  **2X ISO** 感度2倍

*スマートノイズリダクション付き。



70mai Lumi Vision

その他

Image: The compact design and adjustable angle of the 70mai Dash Cam.

2. Connecting the Rear Camera

1. Mount the rear camera on the rear windshield, ensuring a clear view.
2. Connect the rear camera to the main unit using the provided 6-meter rear camera signal cable. Route the cable neatly along the vehicle's interior trim using the wiring pry tool and cable clips.
3. **Note:** If the 6-meter cable is insufficient for your vehicle, a 3.5-meter extension cable (ASIN: B0BL6MZ2LN) is available separately.

内蔵Gセンサーが衝撃を検知すると、自動的に緊急録画を開始し、**重要な瞬間を逃しません。**



Image: Dual camera setup with front and rear cameras, highlighting the rear camera's rotation.

3. Power Connection

1. Connect the Type-C power cable to the dash cam and the USB car charger.
2. Plug the USB car charger into your vehicle's cigarette lighter socket. The dash cam will power on and begin recording automatically when the vehicle engine starts.
3. For 24-hour parking surveillance, a separate hardwire kit (70mai UP03 or UP06) is required. This connects directly to your vehicle's fuse box, allowing the dash cam to operate even when the engine is off.



Image: The 70mai Hardwire Kit UP03, an optional accessory for continuous parking surveillance.

4. SD Card Insertion

Insert the included 64GB Micro SD card into the designated slot on the dash cam. The device supports up to 512GB (U3 specification required). Ensure the card is inserted correctly before powering on the device.

OPERATING INSTRUCTIONS

1. Basic Recording

The dash cam automatically starts continuous recording when the vehicle engine is turned on and stops when the engine is turned off. Recordings are saved to the Micro SD card.



Image: Continuous recording feature, activated by vehicle engine status.

2. Emergency Recording (G-Sensor)

In the event of a collision or sudden shake detected by the built-in G-sensor, the dash cam automatically initiates emergency recording. This feature records footage from 10 seconds to 3 minutes before the event and 30 seconds after, saving it to a dedicated folder to prevent overwriting. You can also manually trigger emergency recording by pressing the dedicated button on the device.

事故などで電源が切断しても、スーパーキャパシタによりファイルの破損を抑え、記録した映像を保護します。過酷な環境下でも安定動作し、最大50万回の充放電サイクルに対応。

*ドラレコは-10°C~60°Cの動作保証（寒冷地/炎天下での使用可）

映像保護機能 発火リスクなし 優れた耐熱性 長いサイクル寿命



Image: Emergency recording sequence triggered by G-sensor detection.

3. Parking Surveillance

With the optional 70mai UP03 or UP06 hardwire kit, the dash cam provides 24-hour parking surveillance. If the G-sensor detects an impact while parked, it will automatically record a 30-second video. The 70mai Lumi Vision technology enhances visibility in dark parking environments. Time-lapse recording is also available to compress long periods of parking into shorter videos, saving storage space.

プレミアムパフォーマンス、理想の4Kドライブレコーダー

映像技術：

HDR

緊急録画：

30秒後、事前180秒

最大容量：

512GB

高速ダウンロード速度：

最大 25MB/s

低照度撮影：

Lumi & Super Night Vision

音声コントロール：

6言語（中国語／英語／ロシア語／日本語／ベトナム語／タイ語）

Bluetooth接続：

✓

70mai A810 Lite

WDR

10秒後（事前録画なし）

256GB

最大 20MB/s

×

×

×

Other

Image: Parking surveillance features, including collision detection and time-lapse recording.

4. Voice Control

Operate the dash cam hands-free using voice commands. Supported commands include: "Take a photo", "Lock video", "Voice on", and "Hotspot on".

Image: Voice control functionality, allowing hands-free operation of the dash cam.

5. App and PC Connectivity

Connect your smartphone to the dash cam via Wi-Fi 6 (2.4GHz) using the 70mai app. This allows for easy setup, live viewing, video playback, saving, and sharing. You can also connect the dash cam directly to a computer using a Type-C cable for data transfer and viewing recordings.



Image: High-speed Wi-Fi 6 connectivity and smartphone app interface.

6. Loop Recording

The dash cam features loop recording, which automatically overwrites the oldest footage when the SD card is full. This ensures continuous recording without the need for manual deletion.

別売アクセサリーで運転体験をさらに向上



Image: Loop recording ensures continuous recording by overwriting old files.

KEY FEATURES

4K HDR Dual Recording

The front camera records in 4K (8 million pixels) resolution, capturing clear and detailed images, including license plates and road signs. The rear camera records in 1080p (2 million pixels) FHD, providing crucial evidence for rear-end incidents. HDR technology ensures balanced exposure in varying light conditions, preventing overexposure and underexposure.



Image: 4K HDR recording captures sharp details, including license plates.

Super Night Vision with Lumi Vision

Equipped with an F1.55 large aperture lens, HDR, 6-layer glass lens, and 3D DNR (Digital Noise Reduction), the dash cam excels in low-light conditions. The exclusive 70mai Lumi Vision technology provides clear color night vision during parking surveillance, making dark areas visible and ensuring continuous recording even in challenging lighting.



Image: Enhanced night vision performance of the A810 Lite in low light conditions.

Super Capacitor for Durability

The 70mai Dash Cam A810 Lite utilizes a super capacitor instead of a traditional battery. This provides superior durability and safety, operating stably in extreme temperatures from -40°C to 85°C. It offers over 500,000 charge cycles, eliminating the risk of combustion or explosion associated with lithium-ion batteries.



Image: Super capacitor technology ensures stable operation in extreme hot and cold conditions.

Integrated GPS

The built-in GPS module records driving routes and automatically corrects time, providing reliable data for navigation and accident verification.

常時録画

エンジンONで録画スタート、エンジンONからOFFまでの映像を記録します。

microSDカードメンテナンスフリー

緊急時・駐車中・通常時の録画は別々ファイルに保存されるので、探したい映像がすぐ見つかる。



Image: Multi-system GPS tracking provides accurate location and route data.

Fatigue Driving Warning

For long-distance driving, the dash cam includes a fatigue driving warning function to promote safer driving habits.

MAINTENANCE

The 70mai Dash Cam A810 Lite is designed for minimal maintenance. With loop recording, the Micro SD card is maintenance-free as older files are automatically overwritten. Periodically check that the camera lens is clean and free from obstructions to ensure clear recordings.

TROUBLESHOOTING AND IMPORTANT NOTES

- **Rear Camera Cable Length:** If the included 6-meter rear camera cable is too short, a 3.5-meter extension cable (ASIN: B0BL6MZ2LN) can be purchased separately.
- **SD Card Compatibility:** If purchasing an SD card separately, please contact customer service beforehand to confirm recommended specifications.
- **Parking Surveillance Power:** For 24-hour parking surveillance, use the 70mai hardwire kit (UP03 or UP06) connected to the fuse box. If using the cigarette lighter socket, the parking surveillance function on the main unit should be turned off to prevent battery drain. The hardwire kit also includes low voltage protection (11.8V).
- **App Connection Issues:** When connecting to the app, ensure that any VPN functions on your smartphone are turned off.
- **Dashboard Reflection:** To reduce reflections from the dashboard on your recordings, consider installing a separately sold CPL (Circular Polarizing Lens) filter.



Image: 70mai Rear Camera Extension Cord (3.5 meters).



CPL偏光フィルタ

Image: CPL filter, an optional accessory to reduce glare.

SPECIFICATIONS

Brand	70mai
Model Name	A810lite
Compatible Vehicle Type	Car
Features	App control, Voice control, Built-in GPS, Built-in WiFi, Night vision
Video Capture Resolution	2160p (4K)
Included Components	Charging cable
Mounting Type	Front glass mount
Color	Black
View Angle	140 degrees
Product Dimensions (D x W x H)	91 x 46 x 24 mm
Screen Size	3.18 inches
Internal Memory Type	microSD
Battery Included	Yes (Super Capacitor)
Display Type	LCD
Battery Cell Type	Lithium Metal (Super Capacitor)
Compatible Devices	Smartphone
Included Memory Card Capacity	64 GB
Max Flash Memory Support	512 GB
Manufacturer	70mai
Country of Origin	China

WARRANTY AND SUPPORT

This product comes with a **one-year manufacturer's warranty** from the date of purchase and lifetime service. If you encounter any issues or have questions regarding your 70mai Dash Cam 4K A810 Lite, please do not hesitate to contact our customer support team. We are available via email, LINE, and phone to assist you.

We are committed to ensuring your satisfaction and continuously strive to improve our products and services.

Ask a question about this manual

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Email

you@example.com

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Open the live page

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