

70mai A510-1

70mai A510 HDR 3K Dual Channel Dash Cam User Manual

Model: A510-1 | Brand: 70mai

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your 70mai A510 HDR 3K Dual Channel Dash Cam. Please read this manual thoroughly before using the device to ensure proper functionality and to maximize your driving safety and recording experience. The 70mai A510 features a STARVIS 2 IMX675 Sensor, ADAS, built-in GPS Logger, Route Recorder, MaiColor Vivid+ with Night Owl Vision, and supports app playback and sharing, along with optional parking monitoring.

WHAT'S IN THE BOX

Carefully unpack the box and ensure all items are present and in good condition:

- 1x A510 Front Camera
- 1x Midrive RC11 Rear Camera
- 1x Car Charger
- 1x Type-C Cable (3.5M)
- 1x Pry Tool
- 2x Front Cam Electrostatic Sticker
- 2x Rear Cam Electrostatic Sticker
- 1x Front Cam Double Side Tape
- 1x Rear Cam Double Side Tape
- 1x Mounting Bracket with Prefixed Double Sided Tape
- 1x Rear Camera Connecting Cable
- 2x User Manuals

The Legacy of Excellence, Thriving Further

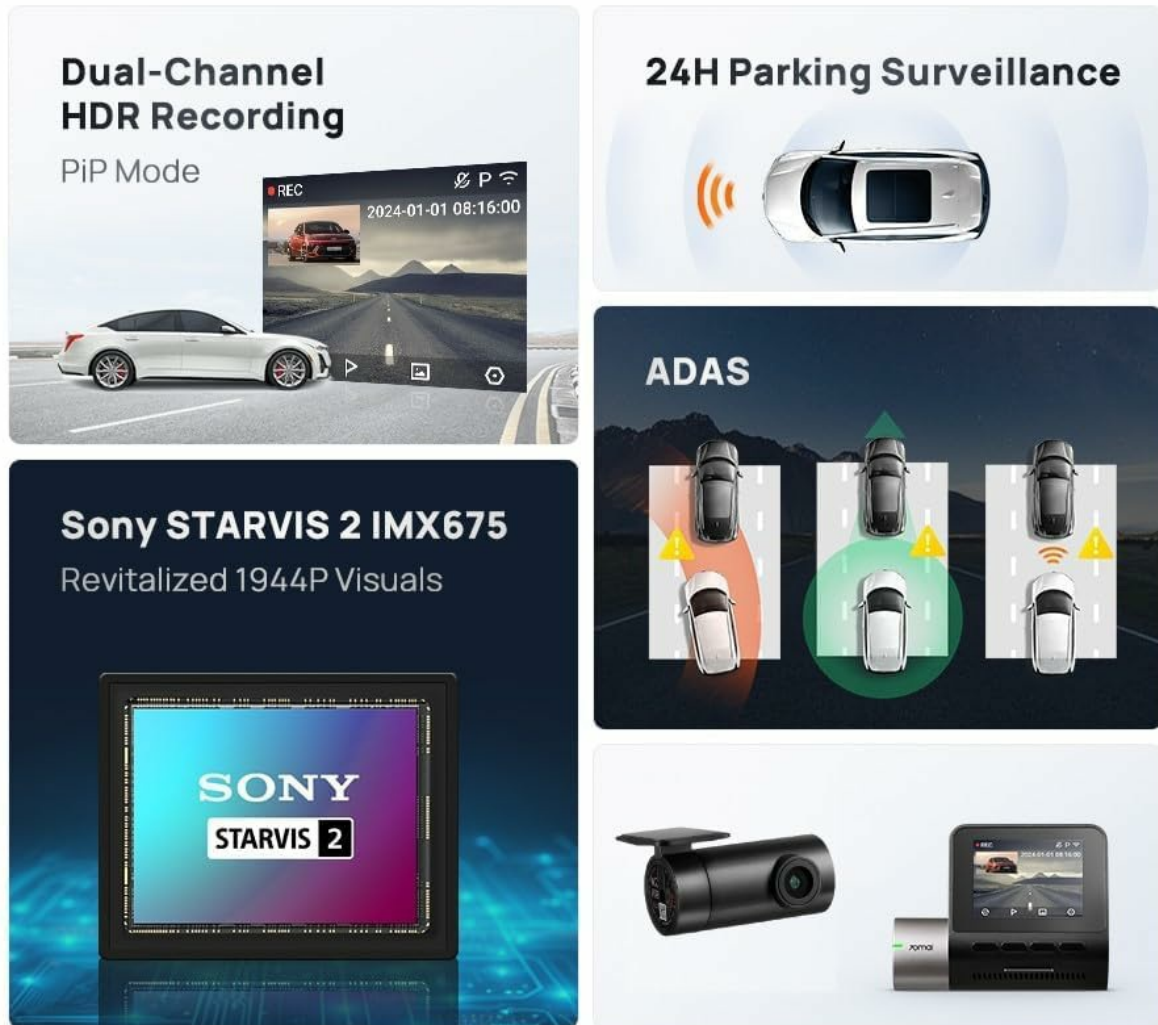


Image: All components included in the 70mai A510 Dash Cam package.

PRODUCT OVERVIEW

The 70mai A510 Dash Cam is designed to provide comprehensive road surveillance and enhanced driving safety. Key features include:

- **1944P 3K HDR Front & 1080P FHD Rear Recording:** Featuring 6 lenses, F1.8 aperture, and 140° wide angle with WDR for clear and vibrant images in various lighting conditions.
- **2" IPS Screen:** For convenient viewing of recordings directly on the device.
- **Built-in ADAS:** Advanced Driver Assistance Systems provide lane departure warning and forward collision warning to enhance driving safety.
- **G-Sensor & Emergency Accident Lock:** Automatically saves footage during emergency events, preventing deletion or overwriting.
- **Mobile iOS/Android App Enabled:** Connect via Wi-Fi to view live streaming, replay, or download recorded footage.
- **Built-in GPS Logger:** Records route data including speed, time, and coordinates.
- **24H Parking Surveillance:** Requires the optional 70mai Hardware Kit UP03/UP04 for continuous monitoring.



Image: The 70mai A510 Dash Cam and its accompanying mobile application interface.

Rear 1080P



Front 1944P HDR



Dual-Channel Recording

The front and rear dual-channel setup, enhanced by the exclusive MaiColor Vivid+ Solution™ algorithm, excels in capturing clear details, even in challenging lighting conditions. The intuitive picture-in-picture mode, allowing to view two channels simultaneously.



 **MaiColor Vivid+ Solution™**

Image: Dual-Channel Recording capability of the 70mai A510.

ADAS for Improved Safety



**Collision
Detection**



**Time-Lapse
Recording**



**Loop
Recording**



Image: Advanced Driver Assistance Systems (ADAS) for improved safety.

SETUP

1. Mounting the Dash Cam

1. Clean the windshield area where the dash cam will be mounted. Ensure it is free of dust and grease.
2. Apply the electrostatic sticker to the chosen area on the windshield. This helps in easy removal and prevents residue.
3. Attach the mounting bracket with its prefixed double-sided tape to the electrostatic sticker. Press firmly for 30 seconds.
4. Slide the A510 Front Camera onto the mounting bracket until it clicks into place.
5. For the Midrive RC11 Rear Camera, choose a suitable location on the rear windshield, clean the surface, apply the electrostatic sticker, and then attach the rear camera with its double-sided tape.

2. Power Connection

1. Connect the Type-C cable to the A510 Front Camera.
2. Route the cable neatly along the edge of the windshield and down to your car's cigarette lighter socket using the pry

tool to tuck the cable under trim.

3. Plug the car charger into the cigarette lighter socket and connect the Type-C cable to the car charger.
4. Connect the Rear Camera Connecting Cable to the rear camera and then to the designated port on the front camera. Route this cable similarly.

3. Initial Configuration

1. Insert a compatible microSDXC card (up to 256 GB) into the dash cam's memory slot.
2. Turn on your vehicle's ignition. The dash cam will power on automatically.
3. Follow the on-screen prompts to set the language, time, and date.
4. Format the microSD card through the dash cam's settings menu for optimal performance.

OPERATING INSTRUCTIONS

Recording Modes

- **Loop Recording:** The dash cam continuously records video in short segments (e.g., 1, 3, or 5 minutes). When the memory card is full, the oldest unlocked segments are overwritten.
- **Emergency Recording (G-Sensor):** In the event of a sudden shake or collision, the built-in G-sensor will automatically trigger emergency recording. These video segments are locked and will not be overwritten by loop recording.
- **Time-Lapse Recording:** Available with the optional 70mai Hardware Kit, this mode compresses long periods of recording into short, fast-motion videos, ideal for parking surveillance.

Advanced Driver Assistance Systems (ADAS)

The ADAS feature provides real-time voice alerts to enhance driving safety:

- **Forward Collision Warning (FCW):** Alerts you when you are too close to the vehicle in front.
- **Lane Departure Warning (LDW):** Alerts you if your vehicle drifts out of its lane.

To enable or disable ADAS, navigate to the settings menu on the dash cam or through the 70mai app.

ADAS for Improved Safety



Image: Visual representation of ADAS safety features.

Built-in GPS Logger

The integrated GPS module automatically logs your driving route, speed, and coordinates. This data can be viewed and analyzed via the 70mai mobile application, providing valuable information for trip records or in case of an incident.

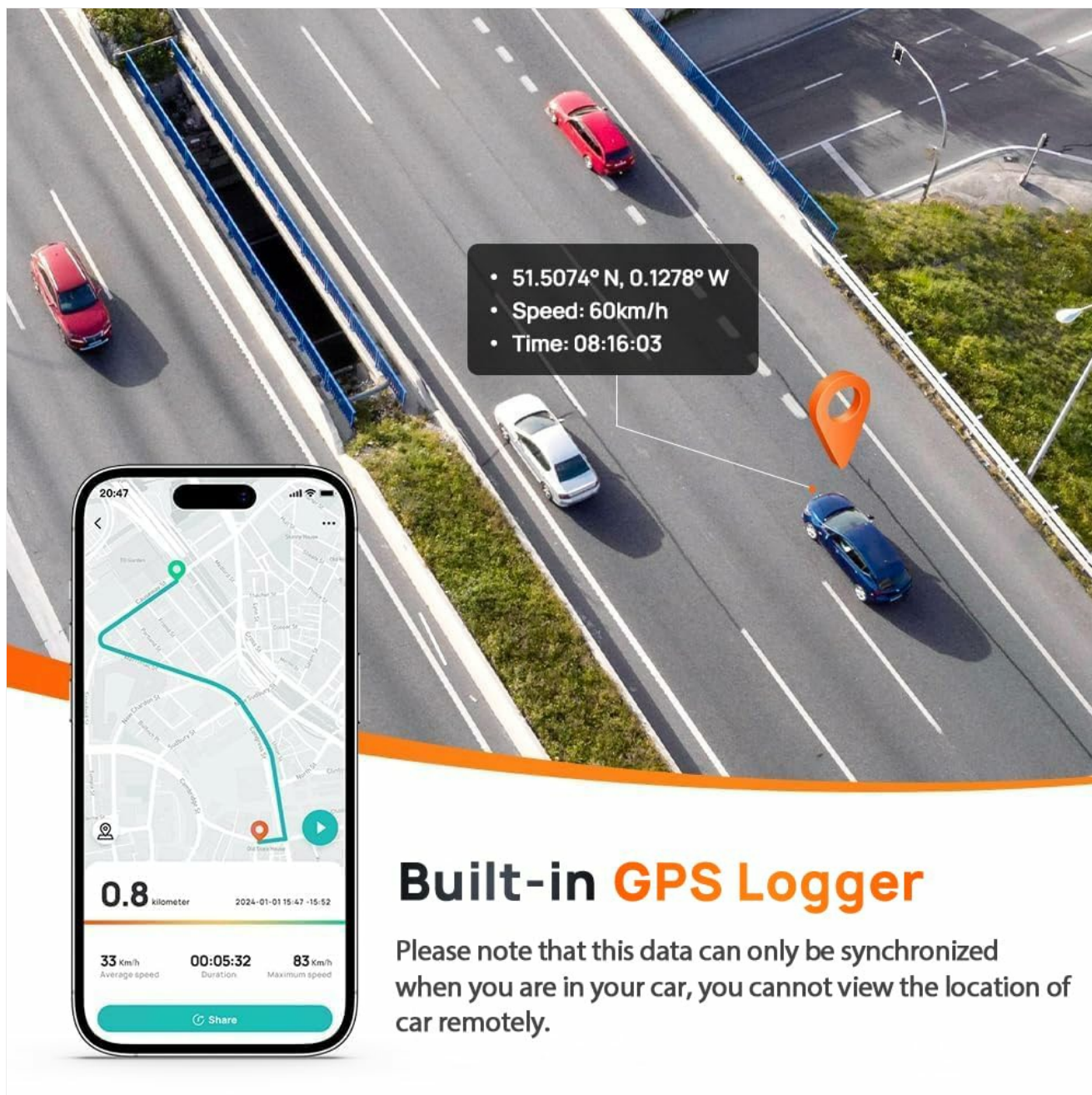
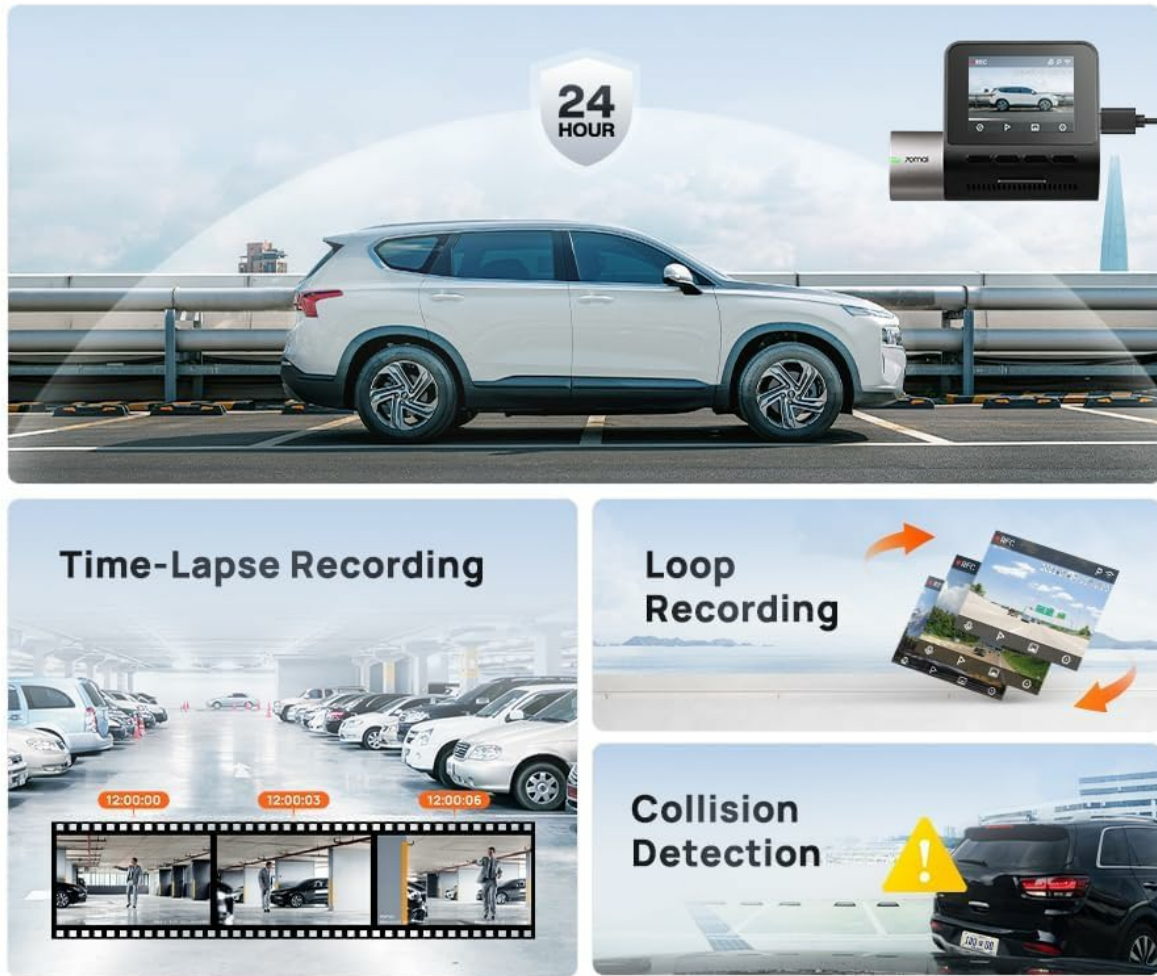


Image: Built-in GPS Logger functionality.

24H Parking Surveillance

For continuous monitoring when your vehicle is parked, the 70mai A510 supports 24-hour parking surveillance. This feature requires the separate purchase and installation of the 70mai Hardware Kit (UP03 or UP04). Once installed, the dash cam will automatically detect collisions or unusual movements and record them, even when the car is off.

24H Parking Surveillance



Kind Reminder: The 70mai Hardwire Kit UP03/UP04 is required.

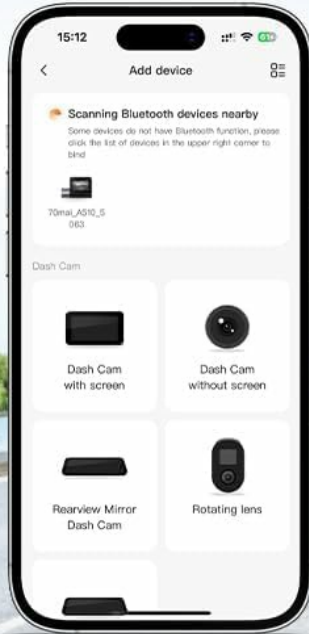
Image: Overview of 24H Parking Surveillance features.

Mobile App Control

The 70mai mobile app (available for iOS 8.0+ and Android 4.4+) allows you to control your dash cam wirelessly via Wi-Fi. You can:

- View live streaming footage from the dash cam.
- Playback recorded videos and photos.
- Download important footage directly to your phone.
- Adjust camera settings, such as recording resolution, video clip duration, and ADAS sensitivity.

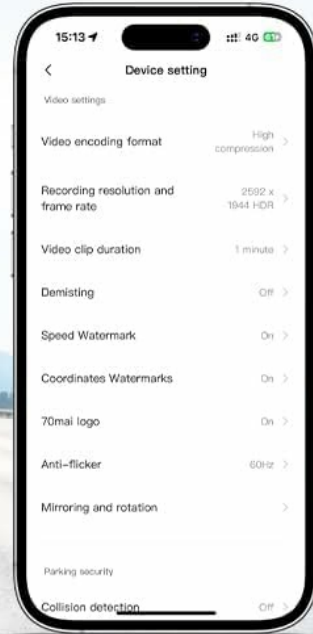
Effortless App Control



**One-Tap
APP Connect**



**Snap and Save
Moments**



**Modify
Camera Settings**

Image: Effortless App Control interface.

Official Product Videos

No official product videos with verified seller creator type were found in the provided data to embed in this manual.

MAINTENANCE

- **Cleaning:** Regularly wipe the camera lens with a soft, lint-free cloth to ensure clear recordings. Do not use abrasive cleaners.
- **Firmware Updates:** Check the 70mai app periodically for firmware updates. Keeping your dash cam's firmware up-to-date ensures optimal performance and access to new features.
- **Memory Card Management:** Format the microSD card once a month to prevent data corruption and ensure smooth recording. Back up any important footage before formatting.
- **Temperature:** Avoid exposing the dash cam to extreme temperatures for prolonged periods.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Dash cam does not power on.	No power supply; faulty cable/charger; battery drained.	Check car charger connection and vehicle's cigarette lighter socket. Try a different USB cable or car charger. Ensure vehicle ignition is on.
Recording stops or freezes.	Memory card full or corrupted; incompatible/slow memory card.	Format the memory card. Use a high-speed (Class 10 or U3) microSDXC card from a reputable brand. Replace the memory card if issues persist.
App cannot connect to dash cam.	Wi-Fi not enabled on dash cam; incorrect Wi-Fi password; phone's Wi-Fi issue.	Ensure Wi-Fi is enabled on the dash cam. Re-enter the Wi-Fi password. Restart both the dash cam and your phone. Try connecting in a different location to rule out interference.
ADAS alerts are inaccurate or not working.	Improper camera calibration; poor lighting conditions; dirty windshield.	Ensure the dash cam is mounted centrally and correctly. Calibrate ADAS through the app settings. Clean the windshield in front of the camera.
Video quality is poor.	Dirty lens; protective film still on lens; low light conditions; incorrect resolution settings.	Clean the lens. Remove any protective film. Ensure recording resolution is set to maximum (1944p). Update firmware.

SPECIFICATIONS

Feature	Detail
Brand	70mai
Model	A510-1
Model Name	70mai A510 HDR
Product Dimensions	8.3 x 6.05 x 3.8 cm
Item Weight	75 g
Batteries	1 Lithium Ion battery required (included)
Flash Memory Type	microSDXC
Digital Storage Capacity	256 GB (Max)
Compatible Devices	Smartphone
Special Features	App Control, Built-In GPS, Built-In Microphone, Built-In WiFi, G-Sensor
Display Technology	LCD
Standing Screen Display Size	2 Inches
Video Capture Resolution	1944p
Connector Type	Wi-Fi

Feature	Detail
Compatible Media Type	MP4
Mounting Type	Windshield Mount
Actual Viewing Angle	140 Degrees
Country of Origin	China
Color	Black or Gray

WARRANTY AND SUPPORT

Warranty Information

The 70mai A510 Dash Cam typically comes with a 1-year manufacturer's warranty. For specific warranty terms and conditions, please refer to the warranty card included in your product packaging or contact the authorized distributor.

Customer Support

For any technical assistance, product inquiries, or support, please contact the authorized importer/packer:

- **Company:** NEX DIGITRONIX LLP
- **Location:** Pune, Maharashtra, India
- **Website:** www.nexdigitron.com
- **Support Email:** support@nexdigitron.com
- **Support WhatsApp/Call:** 7737373626

Please have your product model number (A510-1) and purchase details ready when contacting support.

Documents - 70mai – A510-1



[70mai Dash Cam A510 Series User Manual](#)

User manual for the 70mai Dash Cam A510 Series, covering product overview, package contents, installation, specifications, memory card instructions, precautions, regulatory compliance, and FCC information.

lang:tl score:41 filesize: 20.16 M page_count: 130 document date: 2024-03-26



[70mai Dash Cam A510 User Manual](#)

User manual for the 70mai Dash Cam A510, covering installation, operation, app connectivity, and specifications. Includes safety precautions and regulatory information.

lang:en score:34 filesize: 1.96 M page_count: 22 document date: 2024-11-27



[\[pdf\] User Manual Instructions Guide Accessories](#)

Manual de utilizare pentru camera RC11 in setul A510 1 Set 2 camere auto 70mai fata Dash Cam spat rezolutie 1944p slot card MicroSD a2t ro Ioana Atu Tech 18 hours ago — Dear customer Thank you for purchasing our product Please read the following instructions carefully before first use and keep this user manual future source |||

RC11 / RC12 User Manual Dear customer, Thank you for purchasing our product. Please read the following instructions carefully before first use and keep this user manual for future reference. Pay particular attention to the safety instructions. If you have any questions or comments about the device...

lang:en score:31 filesize: 90.92 K page_count: 6 document date: 2024-05-29



[70mai Dash Cam A510 Series User Manual](#)

Comprehensive user manual for the 70mai Dash Cam A510 Series, detailing installation, specifications, features, and safety guidelines for this automotive dash camera.

lang:tl score:30 filesize: 17.95 M page_count: 130 document date: 2024-03-26



[\[pdf\] User Manual Frequently Asked Questions Guide](#)

70mai A510 Series Dash Camera User Manual A memory card sold separately must be installed in the dash cam before use The supports standard microSD cards Please 70 mai a510 i citrus world files ||| 70mai Dash Cam A510 Series User Manual Scan the QR code and email us at help 70mai.com View the Us ... commended to use a rear camera from 70mai brand. 03 Specifications Product: Dash Cam Model: A510, **A510-1**, A510-2 Input: 5V 2A Battery capacity: 500mAh Resolution: 2592 1944 Lens: FOV 138/ F1.8 Batt...

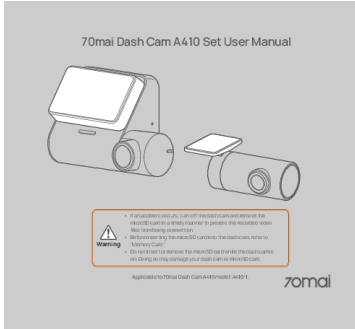
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[\[pdf\]](#) User Manual Frequently Asked Questions Guide

70mai Dash Cam A510 Series Supports 4G Connectivity User Manual A memory card sold separately must be installed in the dash cam before use The supports standard microSD cards Please videoregistrator a510 i citrus world files |||

70mai Dash Cam A510 Series User Manual Scan the QR code and email us at help 70mai.com View the Us ... commended to use a rear camera from 70mai brand. 03 Specifications Product: Dash Cam Model: A510, **A510-1**, A510-2 Input: 5V 2A Battery capacity: 500mAh Resolution: 2592 1944 Lens: FOV 138/ F1.8 Batt... lang:tl score:29 filesize: 1.75 M page_count: 130 document date: 2024-10-08



[\[pdf\]](#) User Manual Accessories

User Manual 70mai Co Ltd A410 Dash Cam 2AOK9 2AOK9A410 a410 70mai Dash Cam A410 Set User Manual If an accident occurs, turn off the dash cam and remove the mic ... s:// help.70mai.asia/1193.html Hereby, 70mai Co.,Ltd. declares that the radio equipment types A510, **A510-1**, A510-2 are in compliance with Radio Equipment Regulations 2017. The full text of the UKCA de... lang:en score:28 filesize: 2.36 M page_count: 26 document date: 2025-04-10



[70mai Dash Cam A510 Series User Manual](#)

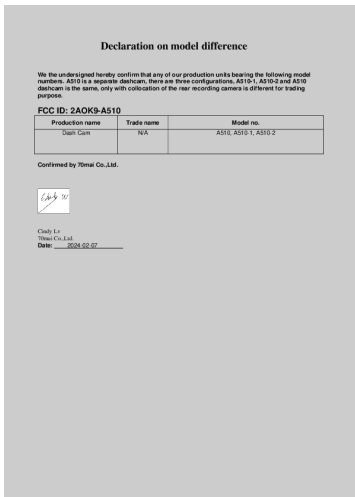
User manual for the 70mai Dash Cam A510 Series, covering specifications and memory card instructions. lang:en score:28 filesize: 231.43 K page_count: 2 document date: 2024-10-17



[\[pdf\]](#) User Manual Installation Guide Frequently Asked Questions Guide Accessories

Manual de utilizare pentru Camera auto bord cu ecran IPS 70Mai A510 5MP 2K Wi Fi GPS Microfon Difuzor Unghi vizual 140° Slot card port Type C a2t ro Adriana Atu Tech 70mai Dash Cam Series User This product may be used in conjunction with the app You can and install by scanning QR code or finding store source |||

70mai Dash Cam A510 Series User Manual Scan the QR code and email us at help 70mai.com View the Us ... commended to use a rear camera from 70mai brand. 03 Specifications Product: Dash Cam Model: A510, **A510-1**, A510-2 Input: 5V 2A Battery capacity: 500mAh Resolution: 2592 1944 Lens: FOV 138/ F1.8 Batt... lang:en score:27 filesize: 1.92 M page_count: 15 document date: 2024-10-17



[\[pdf\]](#) Decleration of Conformity

FACSIMILE TRANSMISSION User Family Model declaration letter 70mai Co Ltd A510 Dash Cam 2AOK9 2AOK9A510 a510

Declaration on model difference We the undersigned hereby confirm that any of our production units bearing the following model numbers. A510 is a separate dashcam, there are three configurations, **A510-1**, A510-2 and A510 dashcam is the same, only with collocation of the rear recording camera is diff...

lang:en score:22 filesize: 12.42 K page_count: 1 document date: 2024-03-12



[pdf] Test Report

ELECTROMAGNETIC EMISSIONS COMPLIANCE REPORT fly Test Report BLE 70mai Co Ltd A510

Dash Cam 2AOK9 2AOK9A510 a510

TEST REPORT Product Name Dash Cam Model Number A510, **A510-1**, A510-2 FCC

ID 2AOK9-A510 Prepared for Address Prepared by Address : 70mai Co.,Ltd. :

Room2220,building2,No.588,Zixingroad,MinHangDistrict,S hanghai.CHINA : EMTEK SHENZHEN CO., LTD. : Bldg 69, Majialong Industry Zone, Nanshan Distr...

lang:i-klngon score:18 filesize: 3.25 M page_count: 47 document date: 2024-03-01



[pdf] Test Report

ELECTROMAGNETIC EMISSIONS COMPLIANCE REPORT fly Test Report 70mai Co Ltd A510 Dash

Cam 2AOK9 2AOK9A510 a510

TEST REPORT Product Name Dash Cam Model Number A510, **A510-1**, A510-2 FCC

ID 2AOK9-A510 Prepared for Address Prepared by Address : 70mai Co., Ltd. :

Room2220, building2, No.588, Zixingroad, MinHangDistrict, Shanghai. CHINA :

EMTEK SHENZHEN CO., LTD. : Building 69, Majialong Industry Zone,Nans...

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A510 **A510-1** A510-2 ...

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