



Manuals.plus /

› LINGDU /

› LINGDU AM100 4K Dash Cam User Manual

## LINGDU AM100

# LINGDU AM100 4K Dash Cam User Manual

Model: AM100

Brand: LINGDU

## INTRODUCTION

Thank you for choosing the LINGDU AM100 4K Dash Cam. This advanced dash camera is designed to provide comprehensive road surveillance and driving assistance, ensuring your safety and peace of mind. Featuring stunning 4K resolution, built-in 5G WiFi for seamless connectivity, ADAS (Advanced Driver Assistance Systems), voice control, integrated GPS, 24-hour parking monitoring, superior night vision, and reliable loop recording, the AM100 is an essential companion for every journey. This manual will guide you through the setup, operation, and maintenance of your new dash cam.



Image: The LINGDU AM100 4K Dash Cam, shown alongside a smartphone displaying its live view interface and a 64GB Micro SD card, highlighting its compact design and connectivity features.

## WHAT'S IN THE BOX

Please check the package contents to ensure all items are present:

- Dash camera ×1
- Car charger Type-C USB Power cable (3.5M/12ft)
- 64GB Storage card x1
- Electrostatic films x2 User manual x 1
- Cable clips x 5 Pry tool x 1

## Package List

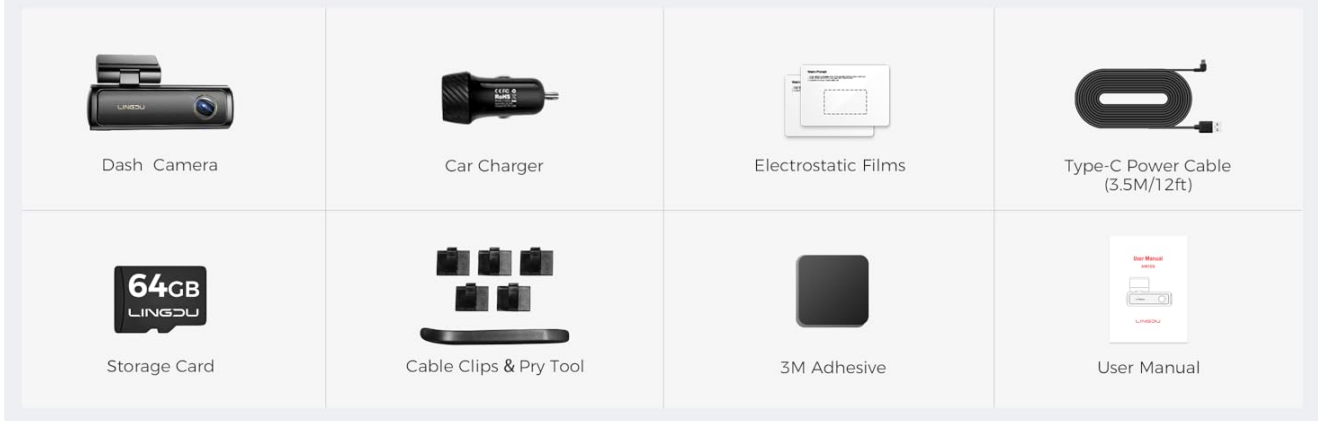


Image: A visual representation of all items included in the LINGDU AM100 package, such as the dash camera, car charger, cables, storage card, electrostatic films, cable clips, pry tool, and user manual.

## SETUP GUIDE

- 1. Insert SD Card:** Locate the SD card slot on the dash cam and gently insert the provided 64GB Micro SD card until it clicks into place. Ensure the card is inserted correctly to avoid damage.
- 2. Power Connection:** Connect the Type-C USB power cable to the dash cam and the car charger. Plug the car charger into your vehicle's cigarette lighter socket.
- 3. Initial Power On:** The dash cam will automatically power on and begin recording when your vehicle starts.
- 4. Download LINGDU App:** Search for "LINGDU" in your smartphone's app store (iOS or Android) and download the official application. This app is essential for accessing live view, playback, settings, and downloading footage via 5G WiFi.
- 5. Connect via WiFi:**
  - Turn on the dash cam.
  - On your smartphone, go to WiFi settings and connect to the dash cam's WiFi network (usually named "LINGDU\_AM100\_XXXX"). The default password can be found in the user manual or on the device itself.
  - Open the LINGDU App. The app will automatically connect to the dash cam, allowing you to view live footage and access settings.

## INSTALLATION

Proper installation ensures optimal recording and safety. The LINGDU AM100 is designed for easy and discreet mounting.

- 1. Choose Mounting Location:** Select a spot on your windshield, preferably behind the rearview mirror, that does not obstruct your view. Clean the area thoroughly.
- 2. Apply Electrostatic Film:** Place one of the provided electrostatic films on the chosen area of the windshield. This helps in easy removal and prevents adhesive residue.
- 3. Attach Dash Cam:** Peel off the protective film from the 3M adhesive on the dash cam's mount. Firmly press the mount onto the electrostatic film for at least 30 seconds.

- Adjust Angle:** The dash cam features an adjustable bracket and lens. Adjust the camera angle to ensure the lens captures the road ahead clearly, covering the desired field of view (150° wide angle).
- Route Power Cable:** Use the provided pry tool to neatly tuck the power cable along the edge of your windshield and dashboard, leading it to the car charger. Use the cable clips to secure the cable in place.

## Loop Recording

Dual dash camera will automatically provide storage space for new video recording.

<b>32G</b>	<b>64G</b>	<b>128G</b>
2Hrs	4Hrs	8Hrs

\* Data is for reference only.




Image: Illustration showing the easy installation process of the LINGDU AM100 dash cam, including cable routing along the car's interior and the adjustable recording angle.

## OPERATING INSTRUCTIONS

### Built-in 5G WiFi Connectivity

The AM100 features 5G WiFi for fast and stable connection to your smartphone via the LINGDU App. This allows for real-time viewing, video playback, downloading, and sharing.

- **Live View:** See what your dash cam is recording in real-time on your phone.
- **Playback:** Access recorded videos directly from the SD card on your phone.
- **Download & Share:** Easily download important footage to your phone's album and share it on social media platforms.

## Package List









 <p style="font-size: small;">Dash Camera</p>	 <p style="font-size: small;">Car Charger</p>	 <p style="font-size: small;">Electrostatic Films</p>	 <p style="font-size: small;">Type-C Power Cable (3.5M/12ft)</p>
 <p style="font-size: small;">Storage Card</p>	 <p style="font-size: small;">Cable Clips &amp; Pry Tool</p>	 <p style="font-size: small;">3M Adhesive</p>	 <p style="font-size: small;">User Manual</p>

Image: The dash cam connected wirelessly to a smartphone, illustrating the live view, replay, share, and download functionalities through the LINGDU app.

## 4K Resolution Recording

The LINGDU AM100 records in stunning 3840\*2160P 4K resolution, ensuring every detail on the road is captured with exceptional clarity. This high resolution is crucial for identifying license plates, road signs, and other critical information.



Image: A simulated view from the dash cam showing a clear 4K QHD recording of the road ahead, emphasizing the 150-degree wide-angle coverage.

## ADAS (Advanced Driver Assistance Systems)

The AM100 integrates ADAS technology to enhance driving safety by providing real-time alerts based on road conditions and surrounding traffic.

- **Lane Departure Warning:** Alerts you if the vehicle drifts out of its lane without signaling.
- **Forward Collision Warning:** Notifies you of potential frontal collisions with vehicles ahead.
- **Moving Traffic Warning:** Informs you when the vehicle in front starts moving after a stop.
- **Pedestrian Warning:** Detects pedestrians and alerts you to their presence.



Image: Diagrams illustrating the ADAS functionalities including Lane Departure, Moving Traffic, and Forward Collision warnings, showing how the system detects and alerts drivers to potential hazards.

## Voice Control

Operate your dash cam hands-free using simple voice commands, allowing you to focus on driving.

- "Turn on WiFi"
- "Turn off WiFi"

- "Open Recording"
- "Turn off Recording"
- "Take Picture"
- "Lock the Video"

## Adjustable Lens

Ensure the acquisition of accurate images.



User could easily adjust the recording angle.

Image: A car interior view with speech bubbles indicating various voice commands that can be used to control the LINGDU AM100 dash cam, such as "Take Picture" or "Lock the Video."

## G-Sensor (Emergency Recording)

The built-in G-Sensor automatically detects sudden shakes or collisions. In such events, it will lock the current video footage to a separate "Event" folder, preventing it from being overwritten by loop recording. This ensures critical evidence is preserved.



Image: An overhead view depicting two cars in a collision scenario, with an overlay indicating the G-Sensor's function to automatically lock and save a 1-minute video upon impact.

## Built-in GPS

The integrated GPS module accurately records your driving route, speed, and location data. This information can be viewed using the dedicated LINGDU GPS player on your computer, providing a comprehensive record of your journeys.

## Easy to Install



Image: A visual representation of the built-in GPS feature, showing a car's route on a map, along with speed and time data, accessible via a computer application and smartphone app.

## Super Night Vision

Equipped with an excellent optical lens and F1.75 aperture, the AM100 delivers superior night vision capabilities. It captures clear images and video footage in various lighting conditions, ensuring details are visible in both dark and bright areas.

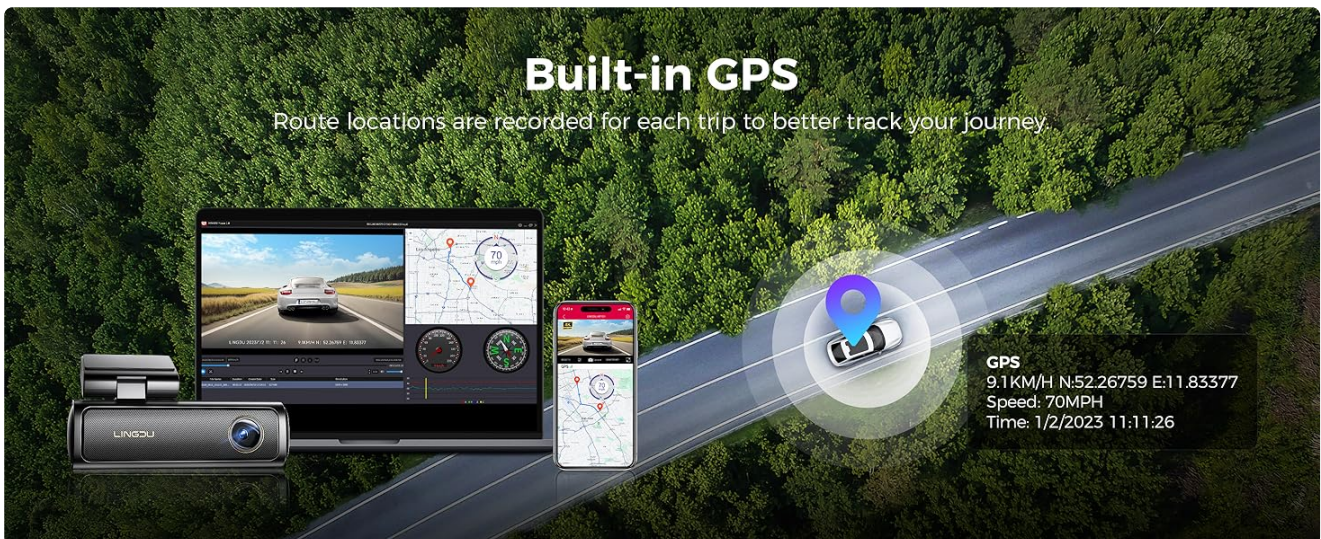


Image: A split image demonstrating the effectiveness of Super Night Vision, comparing dark, WDR (Wide Dynamic Range), and light conditions to show clear visibility across different ray ranges.

## 24H Parking Mode

The AM100 offers two types of 24-hour parking modes to protect your vehicle when parked:

- **Collision Detection Parking Mode:** The dash cam detects abnormal external impacts and automatically records and locks emergency video files.
- **Time-lapse Parking Mode:** Records video continuously at a low frame rate (1fps) for 24 hours, compressing long periods into short, viewable clips. This requires a hardwire kit (sold separately) for continuous power.

# Built in GPS



Image: An illustration showing the two 24-hour parking modes: Time-Lapse Parking Mode (compressing footage) and Collision Detection Parking Mode (triggering recording upon impact).

## Loop Recording

The dash cam supports continuous recording. When the memory card is full, the loop recording feature automatically overwrites the oldest unlocked video files to make space for new recordings, ensuring uninterrupted surveillance.

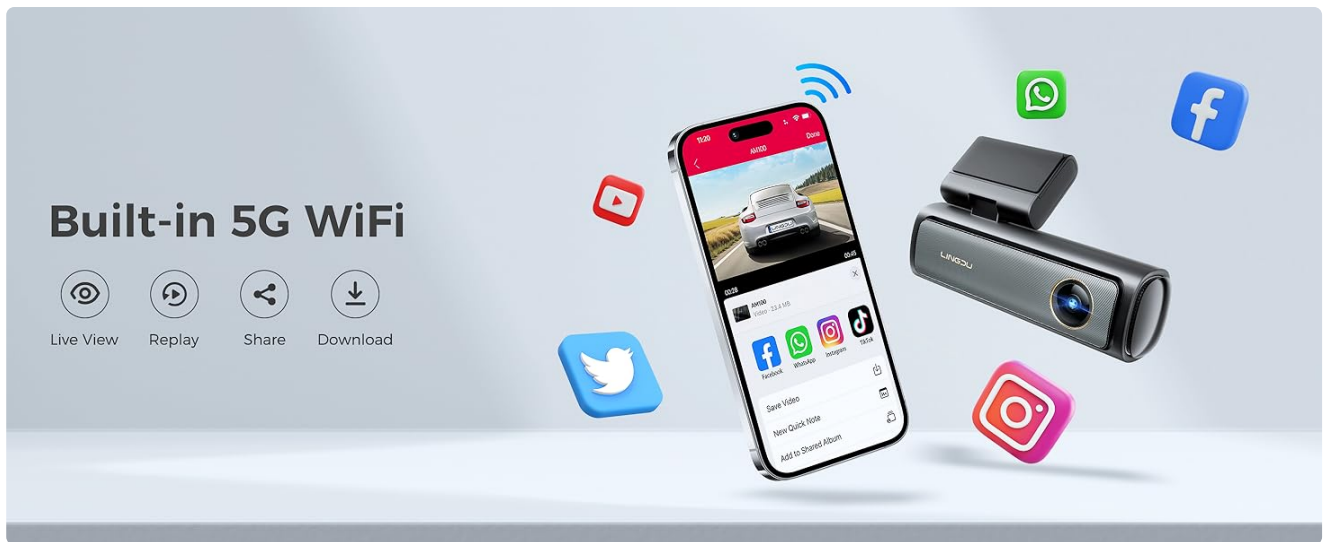


Image: A diagram illustrating the loop recording function, showing how the dash camera continuously records and overwrites older files to provide new storage space, with examples of different storage capacities and recording durations.

## MAINTENANCE

- **Cleaning the Lens:** Use a soft, lint-free cloth to gently wipe the camera lens. Avoid abrasive materials or harsh chemicals that could scratch the lens.
- **SD Card Maintenance:** It is recommended to format the Micro SD card regularly (e.g., once a month) using the LINGDU App or the dash cam's settings. This helps maintain optimal performance and prevents data corruption. Back up any important files before formatting.
- **Operating Temperature:** The dash cam is designed to operate within a specific temperature range. Avoid exposing it to extreme heat or cold for prolonged periods. The super capacitor ensures reliability even in extreme temperatures (Heat-resistant 158°F, Cold-resistant -4°F).
- **Firmware Updates:** Check the LINGDU official website or app periodically for firmware updates. Keeping your dash cam's firmware up-to-date ensures optimal performance and access to new features.



Image: A close-up of the super capacitor component, highlighting its heat-resistant (158°F) and cold-resistant (-4°F) properties, ensuring reliable operation in various environmental conditions.

## 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 plugged into the cigarette lighter socket.</li> <li>• Ensure the vehicle's ignition is on (if applicable).</li> <li>• Verify the power cable connection to the dash cam.</li> <li>• Test the car charger with another device to confirm it's working.</li> </ul>
App cannot connect to dash cam WiFi.	<ul style="list-style-type: none"> <li>• Ensure the dash cam's WiFi is enabled (check voice commands or app settings if previously connected).</li> <li>• Verify you are connecting to the correct WiFi network name (e.g., "LINGDU_AM100_XXXX").</li> <li>• Confirm the WiFi password. Refer to the user manual for the default password.</li> <li>• Restart both the dash cam and your smartphone.</li> </ul>
Video footage is blurry or unclear.	<ul style="list-style-type: none"> <li>• Clean the dash cam lens with a soft, lint-free cloth.</li> <li>• Ensure the protective film has been removed from the lens.</li> <li>• Check if the windshield area where the camera is mounted is clean.</li> <li>• Verify the recording resolution settings in the LINGDU App.</li> </ul>
SD card error / Cannot record.	<ul style="list-style-type: none"> <li>• Ensure the SD card is inserted correctly.</li> <li>• Format the SD card using the LINGDU App.</li> <li>• If the issue persists, the SD card may be faulty. Try a new, high-quality (Class 10 or U3) Micro SD card.</li> </ul>
Voice control not responding.	<ul style="list-style-type: none"> <li>• Speak clearly and directly towards the dash cam.</li> <li>• Ensure there is no excessive background noise.</li> <li>• Verify that voice control is enabled in the app settings.</li> </ul>

## SPECIFICATIONS

Feature	Detail
Model Name	AM100
Product Dimensions	6.3 x 5.51 x 2.36 inches
Item Weight	15.2 ounces
Video Capture Resolution	4K (3840*2160P)
Connectivity Technology	Wi-Fi (5G)
Special Features	Sony IMX415, NT98529, ADAS, Super capacitor, Built-In 5G Wi-Fi/GPS, Voice Guidance, Time-lapse, WDR, Loop Recording, G-sensor, Parking Monitor, Collision Detection
Included Storage	64GB Storage card x1
Mounting Type	Windshield Mount
Color	Black
Manufacturer	LINGDU Direct
First Available Date	April 28, 2023

## WARRANTY AND SUPPORT

For warranty information, please refer to the specific terms and conditions provided with your purchase or visit the official LINGDU website. LINGDU products typically come with a manufacturer's warranty covering defects in materials and workmanship.

If you encounter any issues or have questions regarding your LINGDU AM100 Dash Cam, please contact LINGDU customer support. You can often find contact details on the official LINGDU website or through the retailer where you purchased the product.

For additional resources, you may refer to the official Instructions for Use (IFU) PDF document: [LINGDU AM100 User Guide PDF](#).