

LINGDU V630

LINGDU V630 Car Dashcam User Manual

Model: V630

1. PRODUCT OVERVIEW

The LINGDU V630 is a high-definition car dashcam system designed to record your driving journey. It features a triple-channel recording system, capturing video from the front, inside the cabin, and the rear of your vehicle. Key functionalities include 4K front recording, 1080P cabin and rear recording, built-in GPS for route tracking, Wi-Fi connectivity for app control, advanced night vision, and a 24-hour parking monitoring system.

Image 1.1: LINGDU V630 Dashcam overview highlighting its multi-channel recording and smart features.

Key Features:

- **Triple-Channel Recording:** Simultaneous 4K (front) + 1080P (cabin) + 1080P (rear) video capture.
- **WDR and Super Night Vision:** Enhanced clarity in low-light conditions using WDR technology and IR LEDs.
- **Built-in Wi-Fi and App Control:** Connect to the "LINGDU" app for viewing, playback, and management on iOS/Android devices.
- **Built-in GPS:** Records time, speed, direction, altitude, longitude, and latitude for accurate route tracking.
- **Smart Voice Control:** Hands-free operation for commands like "Lock the Video" or "Take Picture".
- **24-Hour Parking Monitor:** Automatic recording upon collision detection (requires hardwire kit, not included).
- **Emergency Recording:** Automatic locking of video clips via G-sensor, voice control, or manual button press to prevent overwriting.

2. PACKAGE CONTENTS

Please check the package contents upon unboxing. If any items are missing or damaged, contact customer support.

- LINGDU V630 Dashcam (Main Unit)
- Rear Camera with connection cable
- Car Charger (auto-oplader)

- Mounting Bracket with adhesive pad
- GPS Module
- USB Power Cable
- Cable Clips and Pry Tool
- User Manual
- MicroSD Card (pre-installed, typically 64GB)

3. DEVICE LAYOUT

Familiarize yourself with the main components and ports of the LINGDU V630 dashcam.



Image 3.1: Front and side view of the LINGDU V630 Dashcam.

Main Unit Components:

- **Front Camera Lens:** Records the road ahead.
- **Cabin Camera Lens:** Records the vehicle interior (rotatable 90 degrees).
- **2.4" IPS Display:** For live view, playback, and menu navigation.
- **Control Buttons:** Power, Menu, Up, Down, OK (confirm).
- **MicroSD Card Slot:** For memory card insertion.
- **USB Power Port:** For connecting the car charger.
- **Rear Camera Port:** For connecting the rear camera.
- **GPS Module Port:** For connecting the external GPS module.
- **Speaker/Microphone:** For audio recording and voice notifications.

4. SETUP

4.1 Insert MicroSD Card

1. Ensure the dashcam is powered off.
2. Locate the MicroSD card slot on the side of the main unit.
3. Insert the MicroSD card with the gold contacts facing the back of the dashcam until it clicks into place.
4. To remove, gently push the card in until it springs out.

Note: A high-speed (Class 10 or U3) MicroSD card of at least 32GB is recommended. The device supports up to 256GB. Format the card regularly to ensure optimal performance.

4.2 Mounting the Dashcam

1. Clean the windshield area where you intend to mount the dashcam.
2. Attach the adhesive pad to the mounting bracket.
3. Peel off the protective film from the adhesive pad and firmly press the bracket onto the windshield, ideally behind the rearview mirror for an unobstructed view.
4. Slide the main dashcam unit onto the mounted bracket.

5. Adjust the front and cabin camera lenses to cover the desired viewing angles. The cabin camera can rotate 90 degrees, and the main unit can rotate 360 degrees on its mount.

4.3 Connecting Power

1. Connect the car charger to the USB power port on the dashcam.
2. Plug the other end of the car charger into your vehicle's 12V power outlet (cigarette lighter socket).
3. Route the power cable neatly along the windshield edge and dashboard using the provided cable clips and pry tool to avoid obstructing your view.

4.4 Installing the Rear Camera (Optional)

1. Mount the rear camera on the rear windshield using its adhesive pad, ensuring a clear view of the road behind.
2. Connect the rear camera cable to the designated port on the main dashcam unit.
3. Route the cable discreetly along the vehicle's headliner and pillars to the front unit.

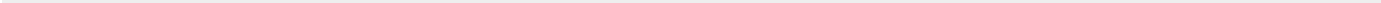
4.5 GPS Module Installation

The GPS module is integrated into the mounting bracket or provided as a separate unit. Ensure it is connected to the main dashcam unit if separate, and positioned where it has a clear view of the sky for optimal signal reception.



Image 4.1: GPS data recording and tracking visualization.

5. OPERATING INSTRUCTIONS



5.1 Power On/Off

- **Automatic Operation:** The dashcam will automatically power on and begin recording when your vehicle's engine starts and power is supplied. It will power off automatically when the engine is turned off.
- **Manual Operation:** Press and hold the Power button to manually turn the dashcam on or off.

5.2 Basic Recording

- **Loop Recording:** The dashcam continuously records video in short segments (e.g., 1, 2, or 3 minutes). When the MicroSD card is full, the oldest unlocked files are overwritten.
- **Emergency Recording:** Important video clips can be locked to prevent overwriting.



Image 5.1: Methods for activating emergency recording.

1. **Automatic Locking (G-sensor):** The built-in G-sensor detects sudden impacts or collisions and automatically locks the current video segment.
2. **Voice Control:** Use the command "Lock the Video" to protect the current recording.
3. **Manual Locking:** Press the designated "Lock" button on the dashcam to manually protect the current video.

5.3 Parking Monitoring

The 24-hour parking monitor feature provides surveillance even when your vehicle is parked. It requires a 3-lead hardwire kit (not included) with an output current of 2.5A for continuous power supply.

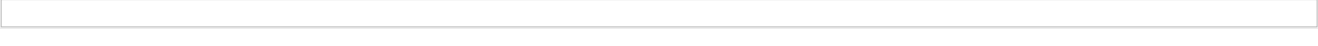


Image 5.2: Parking monitor functionality with collision detection and time-lapse recording.

- **Collision Detection:** If a collision is detected while parked, the V630 will automatically record and lock a one-minute video clip from the front, rear, and inside cameras.
- **Time-Lapse Recording:** The dashcam can continuously record at a low frame rate (e.g., 1fps) to save storage space and provide extended parking surveillance.

5.4 Wi-Fi and App Control

Connect your dashcam to your smartphone via Wi-Fi for convenient control and access to recordings using the LINGDU app.



Image 5.3: LINGDU app interface for dashcam control and video management.

1. Download the "LINGDU" app from the App Store (iOS) or Google Play Store (Android).
2. On the dashcam, enable Wi-Fi (refer to the dashcam's menu settings or use voice control).
3. On your smartphone, connect to the dashcam's Wi-Fi network (SSID and password usually displayed on the dashcam screen).
4. Open the LINGDU app to access features such as live view, video playback, downloading recordings, editing, and sharing.

Note: Live view on your phone from home is not supported. The effective Wi-Fi range is approximately 25 feet (7.6 meters).

5.5 Voice Control

The V630 supports voice commands for hands-free operation, allowing you to focus on driving.



Image 5.4: Examples of voice commands for the LINGDU V630 Dashcam.

- "Lock the Video"
- "Take Picture"
- "Turn on audio"
- "Turn off Recording"
- "Turn on WiFi"
- *(Refer to the dashcam's menu or app for a complete list of commands.)*

5.6 Night Vision

The dashcam is equipped with WDR (Wide Dynamic Range) technology and IR (Infrared) LEDs to deliver clear and detailed video recordings in low-light conditions, both for the road ahead and the cabin interior.



Image 5.5: Night vision performance with WDR and IR illumination.

5.7 Display Modes

The V630 supports various display modes on its 2.4" IPS screen to show different camera feeds.

Image 5.6: Multi-channel and dual-channel display configurations.

- **3-Channel Mode:** Displays live feeds from the front, cabin, and rear cameras simultaneously.
- **Dual Mode:** Typically displays front and rear camera feeds.
- *(Switch between display modes using the designated button or menu option.)*

6. MAINTENANCE

6.1 Formatting the MicroSD Card

Regularly formatting the MicroSD card (at least once a month) helps maintain its performance and prevents data corruption. This can usually be done through the dashcam's menu settings.

6.2 Cleaning the Lenses

Use a soft, lint-free cloth to gently clean the camera lenses. Avoid abrasive materials or harsh chemicals that could scratch the lens or damage coatings.

6.3 Firmware Updates

Check the LINGDU official website or app periodically for available firmware updates. Updating the firmware can improve performance, add new features, or fix bugs. Follow the instructions provided with the firmware update carefully.

7. TROUBLESHOOTING

Problem	Possible Solution
Dashcam does not power on.	◦ Check if the car charger is properly connected to both the dashcam and the vehicle's 12V outlet. ◦ Ensure the vehicle's 12V outlet is receiving power. ◦ Try a different USB cable or car charger if available.
Recording stops or freezes.	◦ Format the MicroSD card regularly. ◦ Ensure you are using a high-speed (Class 10 or U3) MicroSD card. ◦ Replace the MicroSD card if it is old or damaged.
Wi-Fi connection issues.	◦ Ensure Wi-Fi is enabled on the dashcam. ◦ Check that your smartphone is within the effective Wi-Fi range (approx. 25 feet). ◦ Restart both the dashcam and your smartphone.

Problem	Possible Solution
GPS signal not found.	◦ Ensure the GPS module has a clear view of the sky. ◦ Move the vehicle to an open area away from tall buildings or tunnels. ◦ Allow a few minutes for the GPS to acquire a signal.
Video quality is poor at night.	◦ Ensure the lenses are clean. ◦ Check if WDR/HDR and IR night vision settings are enabled in the dashcam menu.

8. SPECIFICATIONS

Feature	Detail
Brand	LINGDU
Model Name	V630
Front Video Resolution	4K (3840 x 2160)
Cabin/Rear Video Resolution	1080P (FHD)
Display Screen	2.4" IPS
Connectivity Technology	Wi-Fi, Bluetooth
Control Method	Application, Voice, Buttons
Field of View	Front: 170°, Cabin/Rear: 150°
Maximum Aperture	f/1.8
Compatible Devices	Car
Battery Composition	Lithium-ion (1 included)
Color	Black

9. WARRANTY AND SUPPORT

9.1 Product Warranty

The LINGDU V630 Dashcam comes with a **1-year manufacturer's warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. It does not cover damage caused by misuse, accidents, unauthorized modifications, or natural disasters.

9.2 Customer Support

For technical assistance, warranty claims, or any questions regarding your LINGDU V630 Dashcam, please contact

LINGDU customer support. Refer to the contact information provided on the official LINGDU website or your purchase documentation.

You can also visit the [LINGDU-Direct seller page on Amazon](#) for further assistance.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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