

[Manuals.plus](#) /

› [LINGDU](#) /

› LINGDU V620 4K Dash Cam User Manual

LINGDU V620

LINGDU V620 4K Dash Cam User Manual

Front and Rear, WiFi6, HDR, Voice Control, ADAS, GPS

INTRODUCTION

Thank you for choosing the LINGDU V620 4K Dash Cam. This manual provides detailed instructions for the installation, operation, and maintenance of your new dash camera system. The LINGDU V620 is designed to capture high-quality video footage of your journeys, offering advanced features such as 4K front recording, 1080P rear recording, WiFi6 connectivity, HDR technology, voice control, ADAS (Advanced Driver-Assistance Systems), and GPS tracking for enhanced driving safety and convenience.



Overview of the LINGDU V620 4K Dash Cam system, including the main unit, rear camera, memory card, and mobile application interface.

WHAT'S IN THE BOX

Please verify that all items listed below are included in your package:

- LINGDU V620 Dash Cam (Front Unit)
- Rear Camera (6M/20ft cable)
- Type-C USB Car Charger (5V/2.5A)
- USB Power Cable (3.5M/12ft)
- Cable Clips (5 pieces)
- Pry Tool
- 64GB SD Card
- User Manual (this document)
- Spare 3M Tapes

- Electrostatic Films (L Size *2, S Size *2)
- Warranty Card



All components included in the LINGDU V620 dash cam package.

SETUP

1. Installation

Front Camera: Choose a suitable location on your windshield, preferably behind the rearview mirror, to ensure it does not obstruct your view. Clean the area thoroughly before applying the electrostatic film and then the dash cam mount with 3M tape. Ensure the lens has a clear view of the road ahead.

Rear Camera: Install the rear camera on the rear windshield. The 360° rotatable design allows for flexible positioning. Route the rear camera cable discreetly along the vehicle's interior trim to the front unit. The standard cable length is 20ft (6M).

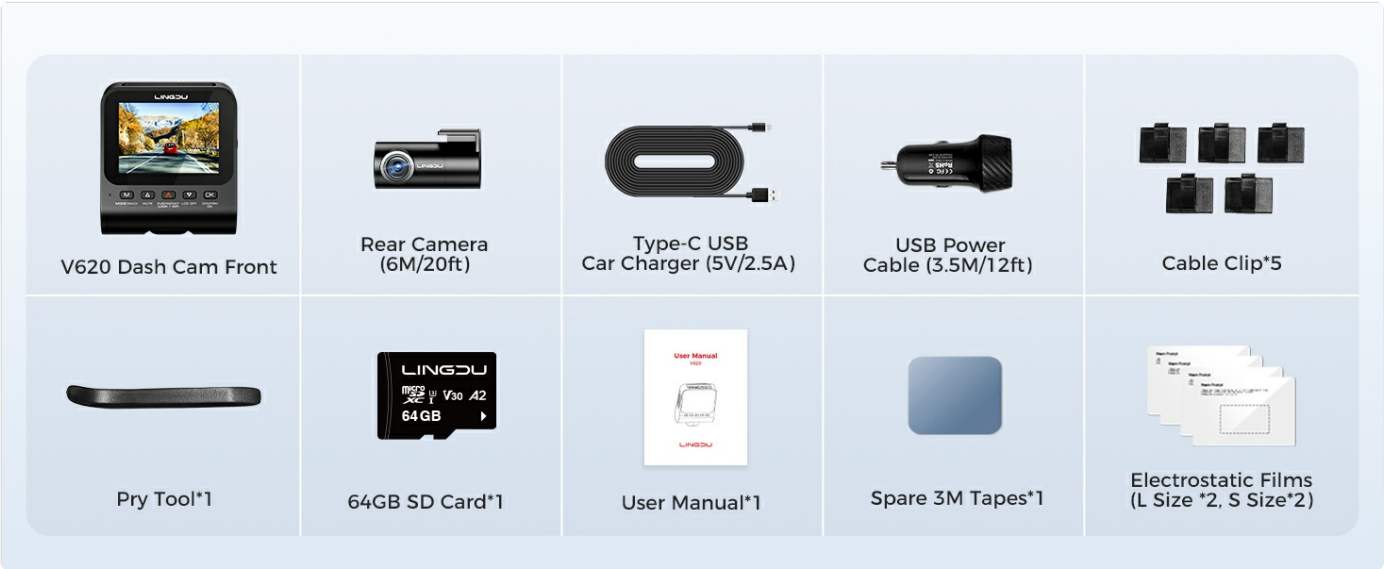


Illustration of the hidden design and recommended installation locations for the front and rear cameras.

2. Power Connection

Connect the USB power cable to the dash cam and plug the car charger into your vehicle's cigarette lighter socket. For continuous power (e.g., for parking mode), an optional Type-C 3-lead hardwire kit is required (not included).

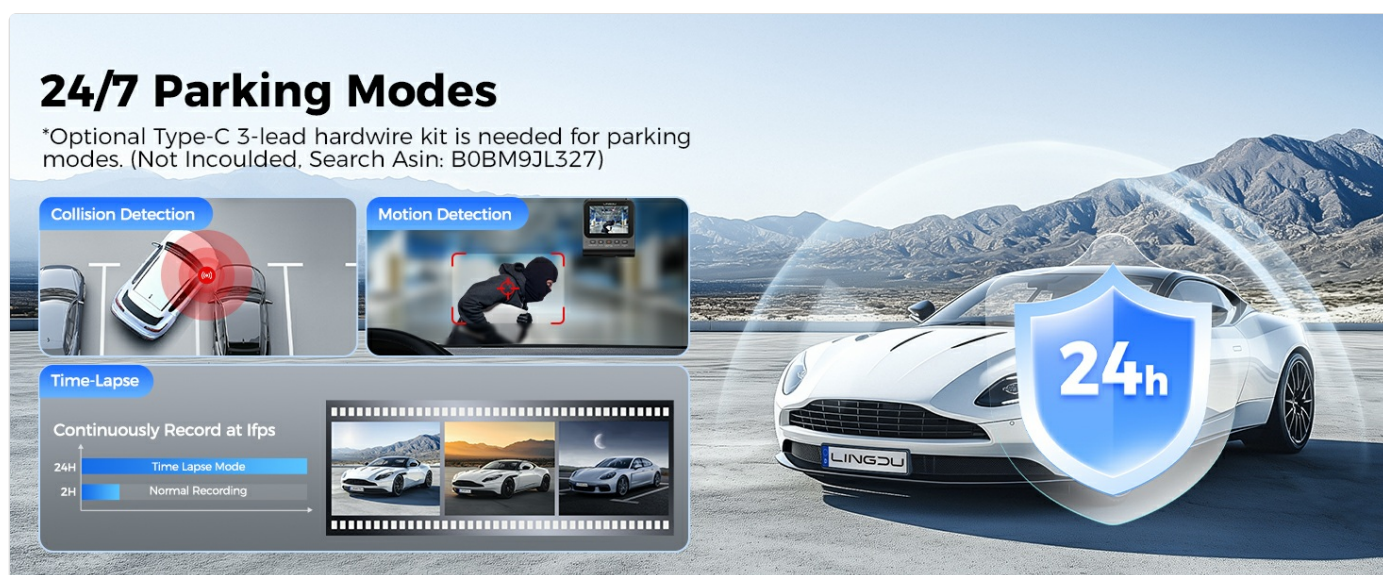
3. SD Card Insertion

Insert the provided 64GB SD card into the designated slot on the dash cam. Ensure the card is inserted correctly until it clicks into place. It is recommended to format the SD card within the dash cam settings or via the app before first use and periodically thereafter.

4. App Installation & Wi-Fi Connection

Download the LINGDU App from the Google Play Store or Apple App Store. Once installed, follow these steps to connect your dash cam via Wi-Fi:

1. Install the LINGDU App on your smartphone.
2. Connect to the dash cam's Wi-Fi network (turn off cellular data for best connection). The Wi-Fi name and password can be found on the dash cam screen or in the manual.
3. Open the LINGDU App and follow the prompts to connect to your V620.
4. Format the Micro SD Card through the app settings.
5. Start recording.



Instructions for connecting the LINGDU V620 to the mobile app via Wi-Fi.

The WiFi6 technology allows for up to 3X faster download speeds (6MB/s) compared to 2.4GHz (2MB/s). Keep the dashcam and your phone within 10ft for optimal connection.

OPERATING INSTRUCTIONS

1. Basic Recording (Loop Recording)

Once powered on, the dash cam will automatically begin recording. The V620 supports 4K UHD+ front recording and 1080P FHD rear recording. Loop recording ensures continuous operation by overwriting the oldest files when the SD card is full. You can set loop recording intervals (e.g., 1, 2, or 3 minutes) in the settings.

HDR & WDR Tech

The V620 dash cam integrates HDR and WDR technology to automatically balance light and deliver clear footage in various lighting conditions.



Auto Balance



Capture Details

*60fps and HDR functions cannot be used at the same time.



The LINGDU V620 captures clear and detailed footage from both front and rear perspectives.

The dash cam integrates HDR (High Dynamic Range) and WDR (Wide Dynamic Range) technology to automatically balance light and deliver clear footage in various lighting conditions, including tunnels and bright sunlight. Note: 60fps and HDR functions cannot be used at the same time.

How to Connect to the WiFi of V620

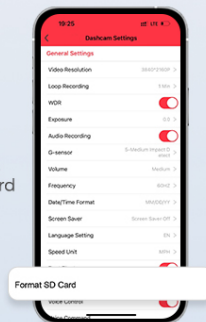
1.
Install
LINGDU App



2.
Connect to
WiFi (Turn off
Cellular Data)



3.
Format the
Micro SD Card



4.
Start
Recording

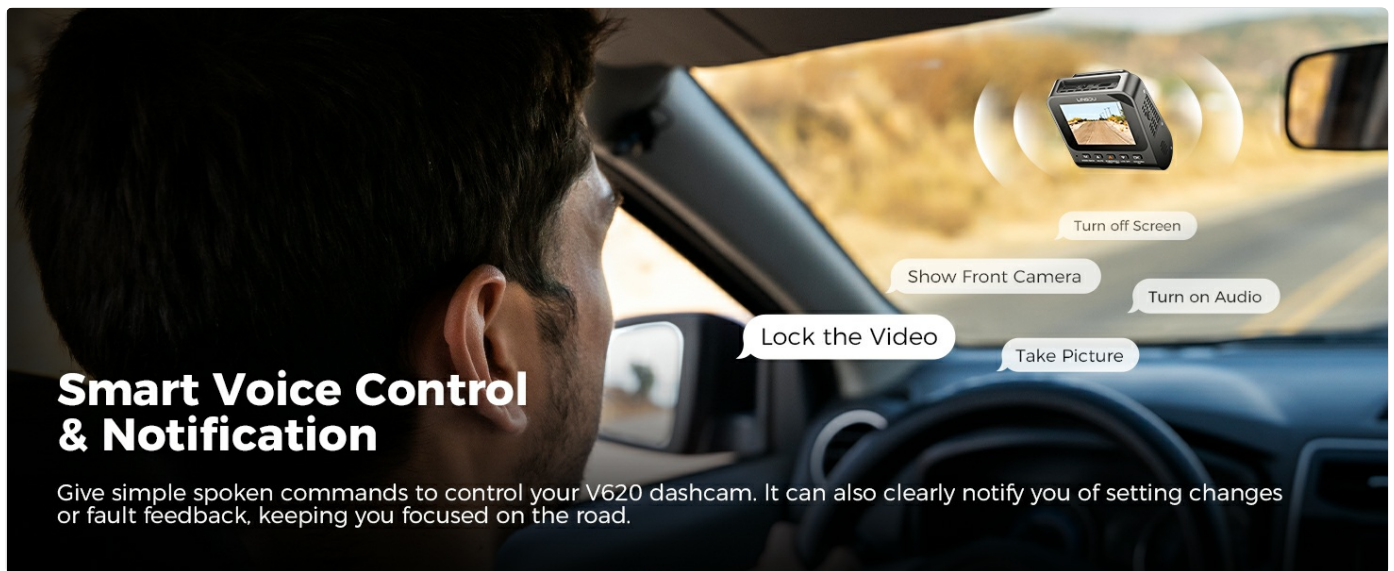


Demonstration of HDR & WDR technology for balanced light and clear footage.

2. Emergency Lock & G-Sensor

The V620 dash cam is equipped with a built-in G-sensor that detects sudden shakes or collisions. When an impact is detected, the current video segment (1/2/3 minutes) is automatically locked and saved to a separate "Emergency" folder, preventing it from being overwritten by loop recording. You can also manually lock videos or use voice commands.

- **Automatic Lock:** Triggered by G-sensor detection of impact.
- **Voice Control:** Say "Lock the Video" to save the current recording.
- **Manual Lock:** Press the "Lock" button on the dash cam.

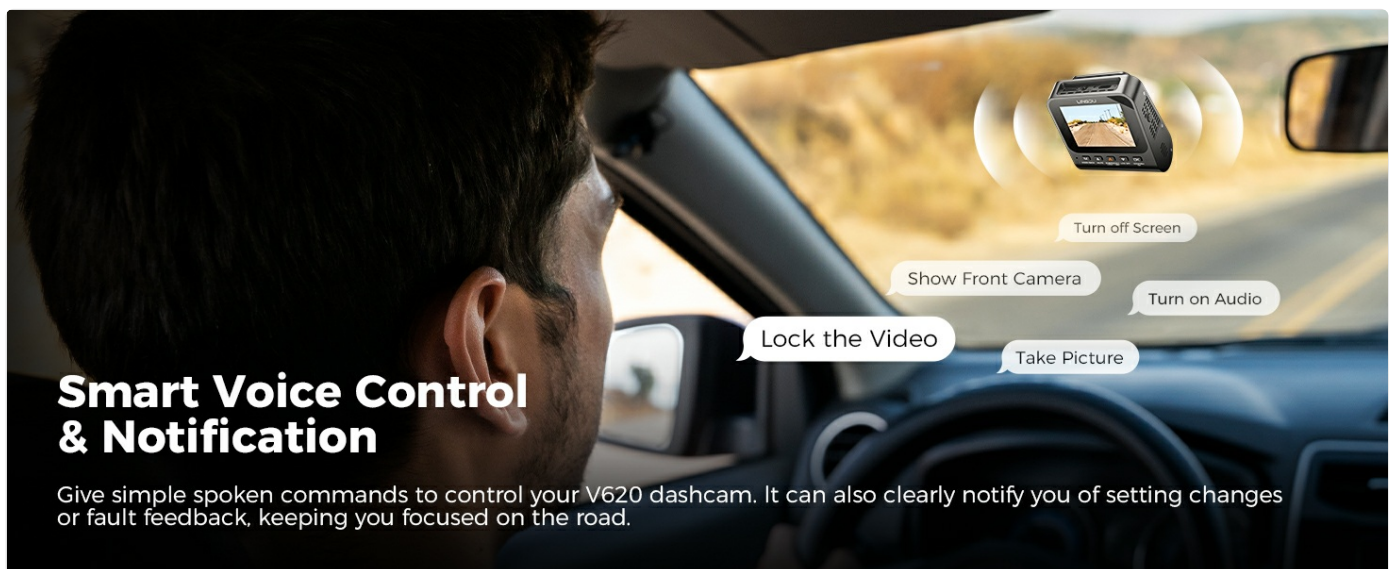


Three methods to lock emergency video footage: automatic, voice, and manual.

3. 24/7 Parking Mode

For continuous surveillance when your vehicle is parked, the V620 offers several parking modes. An optional Type-C 3-lead hardwire kit is required for these features (not included).

- **Motion Detection:** The front camera will automatically lock a 1-minute video after capturing movement of an object around your vehicle.
- **Collision Detection:** If the G-sensor detects an impact while parked, the dash cam will automatically record and lock the video file as an emergency video.
- **Time-Lapse Recording:** The dash cam takes pictures per second and merges them into a video, allowing for extended recording periods with less storage space.



Overview of 24/7 parking modes: Motion Detection, Time Lapse, and Collision Detection.

4. Smart Voice Control

Control your V620 dash cam hands-free with simple voice commands. This feature helps you stay focused on the road while managing the device.

- "Turn off Screen"
- "Show Front Camera"
- "Turn on Audio"

- "Lock the Video"
- "Take Picture"
- "Turn on WiFi"



Upgraded Timeline Playback

Simply swipe or tap on the timeline in the app to quickly browse through recorded videos and easily find key moments or events.

Ordinary Video

Emergency Video

Parking Monitoring

Time Lapse Video

Smart Voice Control allows hands-free operation of the dash cam.

5. ADAS Technology

The V620 is equipped with advanced Driver Assistance System (ADAS) features that use sensors to detect the vehicle's surroundings and alert you to potential safety hazards.

- **Lane Departure Reminder:** Alerts you if your vehicle drifts out of its lane.
- **Vehicle Approaching Warning:** Notifies you of vehicles approaching too closely.
- **Pedestrian Collision Warning:** Warns you of potential collisions with pedestrians.

ADAS Technology

V620 equipped with advanced Driver Assistance System features. It uses sensors to detect the vehicle's surroundings and alerts you to potential safety hazards.

Lane Departure Reminder



Vehicle Approaching Warning



Pedestrian Collision Warning



ADAS technology provides alerts for lane departure, vehicle approaching, and pedestrian collision.

6. GPS & Route Tracking

The built-in GPS module records your driving speed, location, and route. You can use the LINGDU GPS player (available for macOS and Windows) or the LINGDU App to manage and review this GPS information alongside your video footage.

GPS & Route Tracking

The dashcam records your driving speed, location, and route. You can use the LINGDU GPS player or App for free to manage this GPS information.



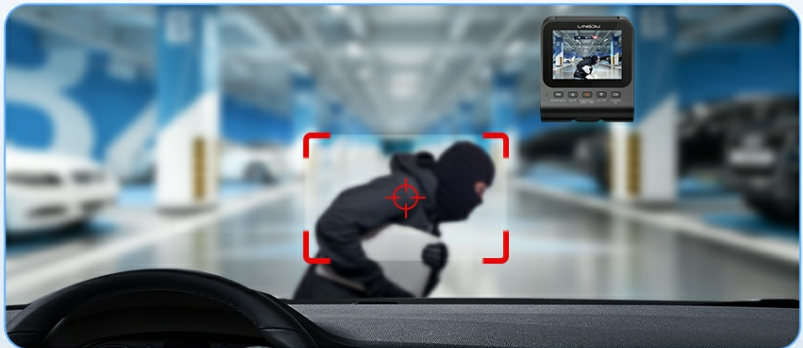
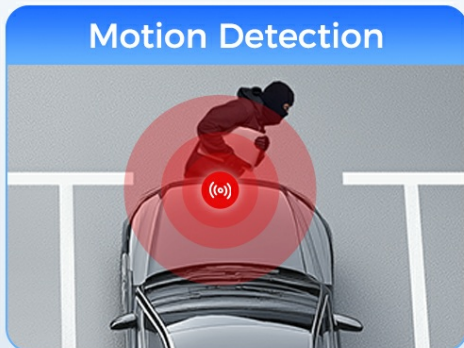
GPS functionality for live speed display and route tracking via the LINGDU app or desktop player.

7. Upgraded Timeline Playback

The LINGDU App features an upgraded timeline playback interface. Simply swipe or tap on the timeline in the app to quickly browse through recorded videos and easily find key moments or events, categorized by Ordinary Video, Emergency Video, Parking Monitoring, and Time Lapse Video.

Motion Detection Parking Mode

Front camera will automatically lock the current 1min video after capturing the movement of an object.



The LINGDU App's timeline playback feature for easy video navigation.

MAINTENANCE

1. General Care

- Keep the dash cam lenses clean using a soft, lint-free cloth.
- Avoid exposing the device to extreme temperatures or direct sunlight for prolonged periods.
- Do not attempt to disassemble or repair the device yourself. Contact support if issues arise.

2. SD Card Formatting

To ensure optimal performance and prevent data corruption, it is recommended to format the SD card regularly (e.g., once a month). This can be done through the dash cam's menu settings or via the LINGDU App.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Dash cam does not power on.	No power supply; faulty cable/charger.	Check power connection; ensure car charger is working; try a different USB port or cable.
Recording stops or freezes.	SD card full or corrupted; low-quality SD card.	Format the SD card; replace with a high-speed (Class 10 or U3) SD card.
Wi-Fi connection issues.	Incorrect password; too far from device; app issues.	Ensure correct Wi-Fi password; keep phone within 10ft; restart app/dash cam.
Poor video quality.	Dirty lens; low light conditions; incorrect settings.	Clean the lens; ensure HDR/WDR is enabled; check resolution settings.
Voice control not responding.	Microphone obstructed; noisy environment; incorrect commands.	Ensure microphone is clear; speak clearly; refer to voice command list.

SPECIFICATIONS

Model Name	V620
Front Camera Resolution	4K (2160p)
Rear Camera Resolution	1080p
Connectivity	Wi-Fi 6, Built-in GPS
Special Features	App Control, Built-In Microphone, Voice Control, ADAS, HDR/WDR, G-Sensor, Loop Recording, Parking Mode (Motion Detection, Time-Lapse, Collision Detection)
Storage	Supports Micro SD Card (64GB included)
Product Dimensions	9.45 x 2.36 x 5.51 inches
Item Weight	1.5 pounds
Color	Black
Manufacturer	LINGDU Tech

WARRANTY AND SUPPORT

The LINGDU V620 dashcam comes with a **12-month warranty**. LINGDU also provides **24/7 technical support**. If you encounter any problems or have questions regarding the product, please do not hesitate to contact our customer service team via email. The LINGDU R&D team is committed to providing feedback within 24 working hours. For support, please refer to the contact information provided on the warranty card included in your package or visit the official LINGDU website.

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