FITCAMX Y1622-4K Dual

FITCAMX 4K Dual Dash Cam Instruction Manual

For Lexus RX (2016-2022), Model Y1622-4K Dual

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, maintenance, and troubleshooting of your FITCAMX 4K Dual Dash Cam. This dash cam is designed for seamless integration into Lexus RX models from 2016 to 2022, including RX350, RX450h, RX350L, and RX450hl. It features a front 4K (2160P) camera and a rear 1080P camera for comprehensive video recording.

2. PRODUCT OVERVIEW

The FITCAMX 4K Dual Dash Cam offers advanced features for vehicle recording:

- **OEM Style Integration:** Designed to blend seamlessly with the vehicle's mirror housing, providing a factory-installed appearance.
- **High-Resolution Dual Recording:** Captures front video at 4K (2160P) and rear video at 1080P simultaneously, ensuring clear footage.
- **Advanced Imaging:** Equipped with an f/1.6 large aperture lens and CMOS Sensor for decent image quality and clarity, even in low light conditions, enhanced by WDR (Wide Dynamic Range) technology.
- **Built-in WiFi & App Control:** Connects to the FITCAMX app via built-in WiFi for live viewing, video playback, and footage management on your smartphone.
- **Loop Recording:** Automatically overwrites the oldest footage when the memory card is full, ensuring continuous recording.
- **Parking Mode & G-Sensor:** Detects sudden collisions while parked and automatically saves and locks emergency video clips to prevent overwriting. Includes a 128GB MicroSD card and supports up to 256GB.

Dual Dash Camera 4K +1080P
Front UHD 3840x2160P + Rear FHD 1920x1080P

Front 4K

Rear 1080P

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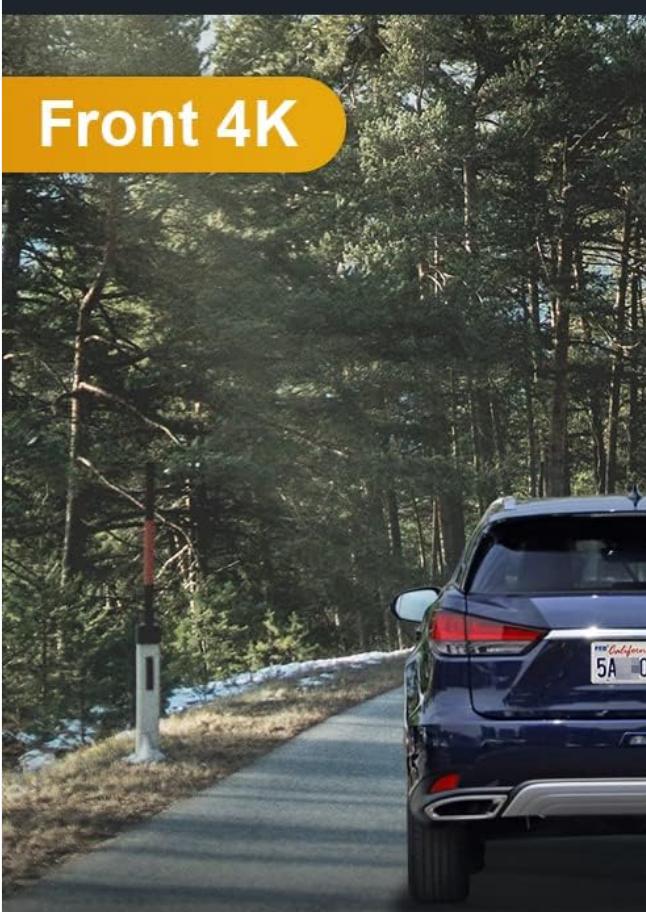
For Lexus RX 2016-2022

Image: Front 4K (2160P) and Rear 1080P video capture capabilities of the FITCAMX Dual Dash Cam.

Image: Comparison of the vehicle's mirror housing before and after installing the FITCAMX dash cam, highlighting its OEM style integration.

3. WHAT'S IN THE BOX

Verify that all components are present:

- 1x 4K Dual Dash Cam (Front and Rear)
- 1x Power Cable
- 1x User Manual
- 1x 128GB MicroSD Memory Card
- 1x Removal Pry Tool

4. SETUP AND INSTALLATION

This section outlines the installation process for the FITCAMX 4K Dual Dash Cam (Model B) in compatible Lexus RX vehicles (2016-2022). Ensure your vehicle is a Model B type for proper fitment.

Image: Visual guide distinguishing between Lexus Model A and Model B mirror housings for dash cam compatibility.

4.1 Front Dash Cam Installation

The front dash cam integrates with the vehicle's existing mirror housing and draws power from the room lamp circuit.
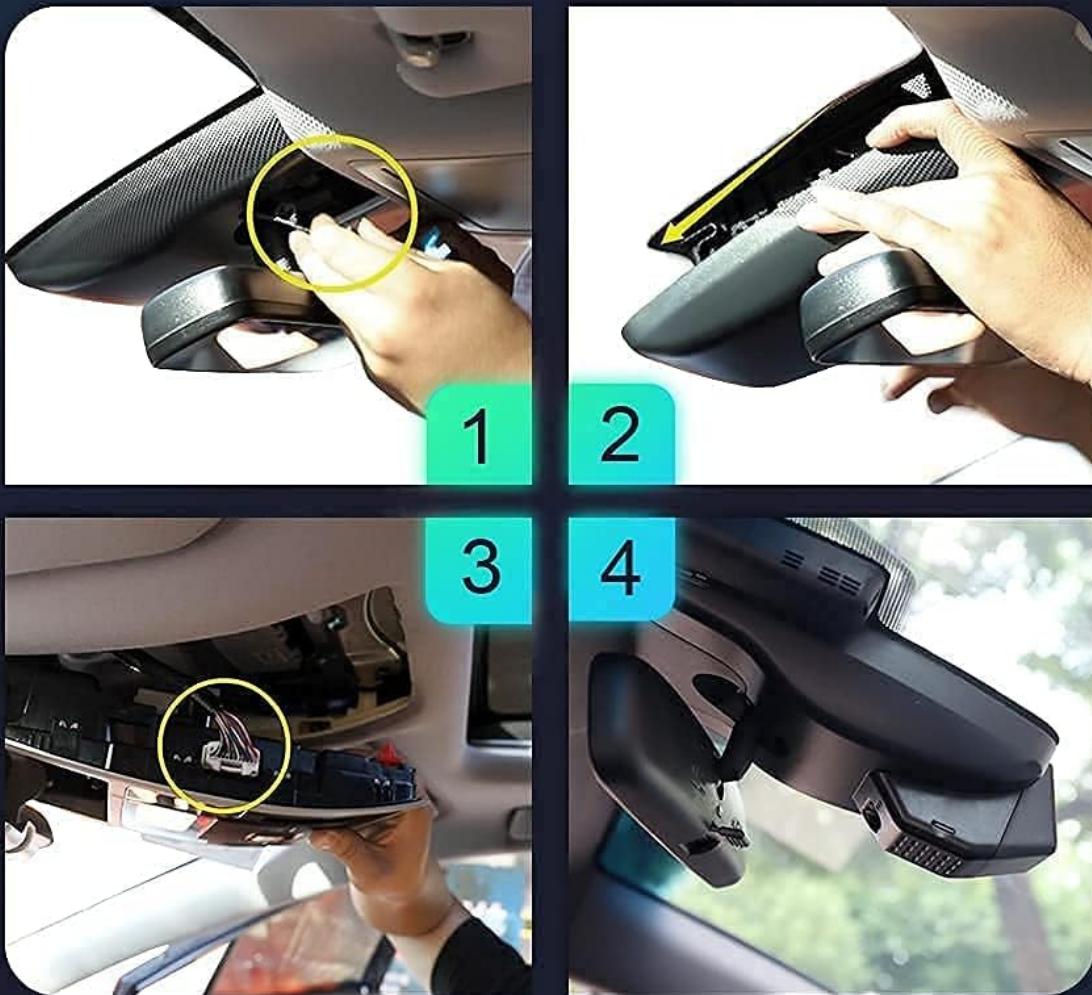
Image: Step-by-step visual guide for installing the front dash cam.

1. **Step 1: Remove Original Cover.** Carefully remove the original plastic cover around the rearview mirror.
2. **Step 2: Transfer Buckles.** Transfer any necessary small buckles or clips from the original cover to the new dash cam housing.
3. **Step 3: Disassemble Room Lamp.** Use the provided pry tool to carefully disassemble the room lamp assembly to access the power connection.
4. **Step 4: Connect Power.** Unplug the original car's power connector from the room lamp. Connect the dash cam's power cord to the original car's connector, then connect the dash cam's round plug to the power cord.
5. **Step 5: Install Dash Cam.** Route the dash cam's wire through the room lamp opening. Install the new dash cam unit by aligning it with the mirror housing and pressing firmly until it clicks into place.
6. **Step 6: Reassemble Room Lamp.** Organize the wiring harness neatly within the headliner space, then reinstall the room lamp assembly.

4.2 Rear Dash Cam Installation (If Applicable)

For models with a rear camera, the cable needs to be routed from the front dash cam to the rear of the vehicle. Ensure the rear camera is tested before final installation.

Important: When routing the rear camera cable, avoid interfering with side curtain airbags. It is recommended to route the cable along the floor and under sill plates if headliner routing is complex or risks airbag interference.

5. OPERATING INSTRUCTIONS

5.1 Automatic Operation

The dash cam will automatically power on and begin recording when your vehicle's engine starts, and power off when the engine is turned off.

5.2 Using the FITCAMX App

The FITCAMX app allows you to manage your dash cam settings and footage.

Image: The FITCAMX mobile application interface for managing dash cam footage and settings.

- **Connect via WiFi:** The dash cam creates its own Wi-Fi network. Connect your smartphone to this network to access the app's features. You do not need to stay connected to the dash cam's Wi-Fi continuously for it to record.

- **View and Playback:** Stream live video or play back recorded footage directly on your phone.
- **Download Footage:** Download important video clips to your phone for safekeeping.
- **Manage Settings:** Adjust various dash cam settings through the app.

5.3 Loop Recording

The dash cam records video in continuous loops. When the memory card is full, the oldest unlocked files are automatically overwritten by new recordings. Recording time can be set to 1, 3, or 5-minute segments via the FITCAMX app.

5.4 Parking Mode and G-Sensor

These features provide protection for your vehicle while parked.

Image: Explanation of G-Sensor functionality for collision detection and Parking Mode for monitoring while parked.

- **G-Sensor:** A built-in gravity sensor detects sudden impacts or collisions. When triggered, it automatically saves and locks the current video segment to a protected file, preventing it from being overwritten by loop recording.
- **Parking Mode:** The dash cam will activate and record if it detects a strong collision while the vehicle is parked. Note that some FITCAMX cameras may require an additional harness (e.g., Fuse Box Cable for 24-hour recording or OBD Cable for 24-hour and non-24-hour recording) for full parking mode functionality.

6. Maintenance

- **Memory Card:** Periodically format the MicroSD card (at least once a month) to maintain optimal performance and prevent data corruption. Use a high-quality, high-endurance MicroSD card.
- **Cleaning:** Gently wipe the camera lenses with a soft, lint-free cloth to ensure clear video recording. Avoid using harsh chemicals.
- **Firmware Updates:** Check the official FITCAMX website or app for any available firmware updates to ensure your dash cam has the latest features and bug fixes.

7. Troubleshooting

Refer to the following common issues and solutions:

Problem	Solution
Dash cam does not turn on.	Ensure the power cable is securely connected to both the dash cam and the vehicle's power source. Verify the vehicle's ignition is on.
Cannot connect to dash cam WiFi.	Ensure the dash cam is powered on. Go to your phone's Wi-Fi settings and select the dash cam's network. If connection fails repeatedly, try restarting both your phone and the dash cam. The camera's Wi-Fi is for local connection only, not remote viewing.
Video footage is not saving or is being overwritten.	Check if the MicroSD card is inserted correctly and is not full. Format the MicroSD card regularly. Ensure emergency clips are locked by the G-Sensor to prevent overwriting.
Poor video quality at night.	Ensure the windshield and camera lens are clean. While the camera has WDR technology for improved night vision, extreme low-light conditions may still affect clarity.
No audio recording.	Check the settings in the FITCAMX app to ensure audio recording is enabled. If the issue persists, try resetting the camera via the app or the physical reset button (if available).
Dash cam interferes with CarPlay/Bluetooth.	The dash cam's Wi-Fi connection is separate from CarPlay/Bluetooth. You can use CarPlay/Bluetooth while the dash cam records automatically. You do not need to keep your phone connected to the dash cam's Wi-Fi at all times.

8. Specifications

Feature	Detail
Product Dimensions	8.66 x 6.69 x 3.94 inches
Item Weight	2 pounds
Model Number	Y1622-4K Dual
Batteries	1 Lithium Metal battery (included)
Connectivity Technologies	Powerline, Wireless (Wi-Fi)
Special Features	Built-In WiFi, FITCAMX APP, OEM Style
Color	Black

Feature	Detail
Manufacturer	Dongguan Daozhi Electronic Technology Co., Ltd
Vehicle Service Type	Lexus RX 2016-2022 Model B
Video Capture Resolution	Front 2160P + Rear 1080P
Mounting Type	Ceiling
Field Of View	170 Degrees

9. WARRANTY AND SUPPORT

FITCAMX provides lifetime after-sales service for this product. For any questions, technical assistance, or warranty claims, please contact FITCAMX customer support through their official channels or the retailer where the product was purchased.