FITCAMX LZ-6111

FITCAMX 4K Dash Cam Instruction Manual

For Land Rover Discovery 2017-2025 L462 (Model 6111)

1. INTRODUCTION

Thank you for choosing the FITCAMX 4K Dash Cam. This manual provides detailed instructions for the installation, operation, and maintenance of your dash cam. Please read this manual thoroughly before use to ensure proper functionality and to maximize your product experience. This model (6111) is specifically designed for Land Rover Discovery L462 models from 2017 to 2025.

2. PRODUCT OVERVIEW

2.1 Key Features

- **OEM Style Integration:** Designed to blend seamlessly with your vehicle's interior, fitting behind the rearview mirror cover without visible wires.
- **Ultra HD 2160P Video:** Records clear 4K video at 30 frames per second, capturing important details.
- **Built-in WiFi & APP Control:** Connects to your smartphone via the FITCAMX app for live viewing, video playback, and downloads.
- **Loop Recording:** Automatically overwrites the oldest footage when the memory card is full, ensuring continuous recording.
- **G-Sensor:** Detects sudden impacts or collisions and automatically locks the current video footage to prevent overwriting.
- **Wide Dynamic Range (WDR):** Enhances video quality in varying light conditions, improving clarity for night vision.
- **Storage:** Supports up to 256GB MicroSD card (64GB card included).

2.2 Package Contents

Please verify that all items are present in your package:

- FITCAMX 4K Dash Cam Unit (Model 6111)
- 64GB MicroSD Card
- Plastic Pry Tool
- SD Card Reader
- Instruction Manual

Image: Included components of the FITCAMX Dash Cam.

3. SETUP AND INSTALLATION

The FITCAMX dash cam is designed for a discreet, integrated installation. Ensure your vehicle is turned off before beginning the installation process.

3.1 Compatibility Check

This dash cam (Model 6111) is compatible with Land Rover Discovery L462 models from 2017 to 2025. Please compare your vehicle's rearview mirror cover with the images provided to confirm compatibility before installation.
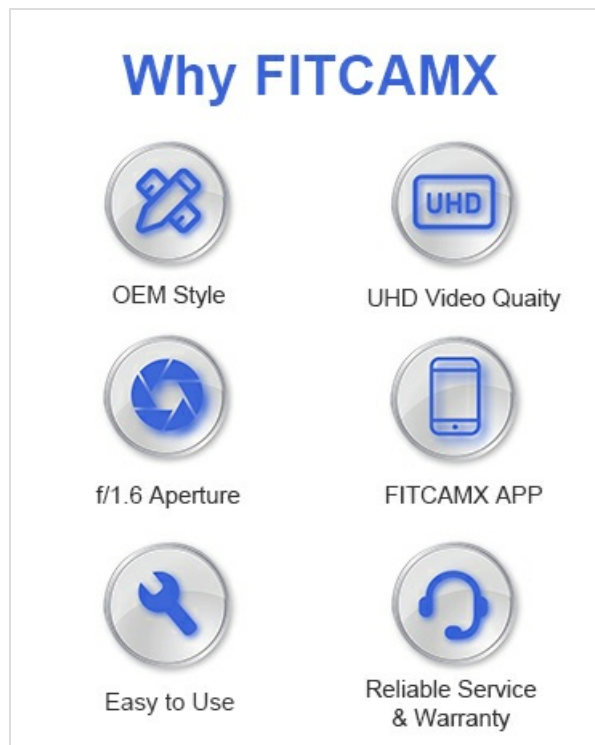

Image: Rearview mirror cover compatibility for Land Rover Discovery (Model 6111).

3.2 Installation Steps

Follow these steps to install your dash cam:

1. **Remove the Original Cover:** Carefully use the provided plastic pry tool to detach the original rearview mirror cover.
2. **Disconnect Power Cable:** Locate and disconnect the power cable from the original rearview mirror assembly.
3. **Connect Dash Cam:** Connect the dash cam's power cable to the vehicle's power source. Ensure a secure connection.
4. **Install Dash Cam:** Align the FITCAMX dash cam unit with the rearview mirror and snap it into place, ensuring all cables are neatly tucked away.
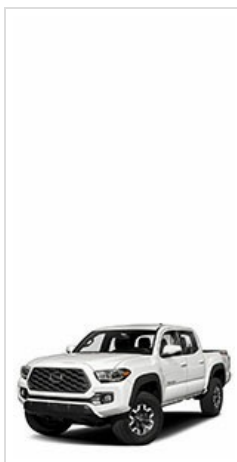
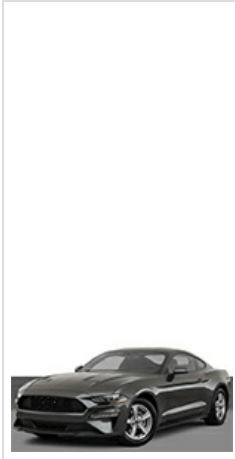Image: Visual guide for dash cam installation.

For a more detailed visual guide, refer to the installation images:

Step 1: Remove Cover

Step 2: Disconnect Cable

Step 3: Connect Dash Cam

Step 4: Secure Unit

4. OPERATING INSTRUCTIONS

4.1 Power On/Off

The dash cam is designed to power on automatically when your vehicle's engine starts and power off when the engine is turned off. No manual intervention is required for daily recording.

4.2 MicroSD Card

Insert the provided 64GB MicroSD card into the designated slot on the dash cam. The camera supports up to 256GB. Ensure the card is inserted correctly before powering on the device for the first time. The dash cam will begin recording automatically once powered on with a valid MicroSD card.

5. APP USAGE AND WIFI CONNECTIVITY

The FITCAMX app allows you to view live footage, play back recorded videos, and download files directly to your smartphone.

5.1 Downloading the App

Search for "FITCAMX" in the Google Play Store (for Android devices) or the iOS App Store (for Apple devices) and install the application.

5.2 Connecting via WiFi

1. Ensure your vehicle's engine is running, and the dash cam is powered on.
2. On your smartphone, go to your WiFi settings and connect to the FITCAMX dash cam's WiFi network. The network name typically starts with "FITCAMX" followed by a series of characters. The default password is usually "12345678" or found in the app/manual.
3. Open the FITCAMX app. The app should automatically connect to the dash cam.

Important Notes:

- The dash cam's WiFi connection is for app control and file transfer only. It does not provide internet access.
- If you experience issues connecting, try turning off cellular data or Bluetooth on your phone temporarily.
- Connecting to the dash cam's WiFi will not interfere with Apple CarPlay or Android Auto functionality.
- You do not need to keep the WiFi connected to the camera at all times for it to record. Recording starts automatically when the car is on.
- To view or download videos after the car is off, you must download them to your phone beforehand, as the WiFi range is limited.
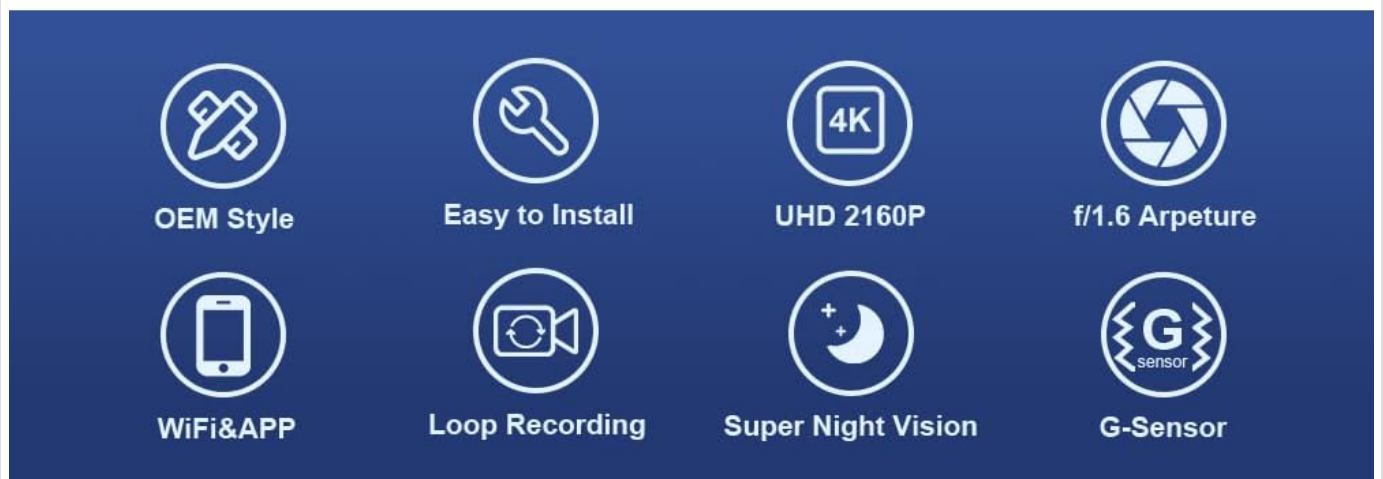
Image: FITCAMX App interface showing live view and download options.

6. FEATURES EXPLAINED

6.1 Loop Recording

The dash cam records video in continuous loops. When the MicroSD card reaches its storage limit, the oldest unlocked footage is automatically overwritten by new recordings. This ensures that the camera never stops recording due to a full memory card.

6.2 G-Sensor (Gravity Sensor)

The built-in G-Sensor detects sudden movements or impacts, such as those from a collision. When an event is detected, the sensor triggers the dash cam to automatically save and lock the current video segment, preventing it from being overwritten by loop recording. These locked files are stored in a separate folder on the MicroSD card.

Loop recording
Automatically overwrites the unlocked oldest recordingswhen the memory card is full.

G-Sensor
The G-Sensor can detect a sudden collision, and current video will be locked.

*To upgrade with parking monitoring, search asin: B09PQ9KDYX to order the fuse box cable

Image: Loop Recording and G-Sensor functionality.

6.3 4K UHD 2160P Video Quality

Your dash cam records in Ultra High Definition (UHD) 2160P, providing clear and detailed video footage. The f/1.6 aperture and high-sensitive CMOS sensor contribute to excellent image quality, even in challenging lighting conditions.
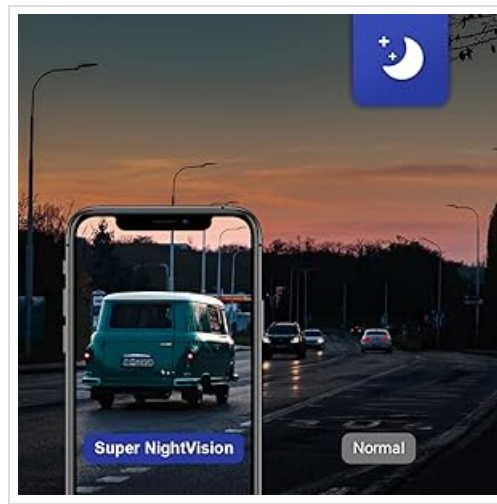
Image: Example of 4K UHD 2160P video quality.

6.4 Super Night Vision

Equipped with WDR (Wide Dynamic Range) technology, the dash cam automatically adjusts exposure levels to capture clear video in low-light environments, enhancing visibility for license plates and road signs at night.
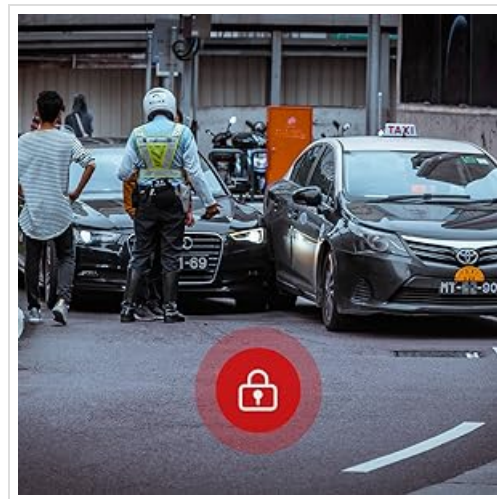

Image: Night vision capability comparison.

6.5 Parking Mode

This specific model (6111) does **not** include parking mode functionality by default. Parking mode requires an additional hardwire kit (fuse box cable) to provide continuous power to the dash cam when the vehicle is off. If an extra harness cable is installed, the parking mode will only activate and record in the event of a serious collision, not continuously 24/7.

7. TROUBLESHOOTING

This section addresses common questions and issues you might encounter.

- **Dash Cam is hot during operation:** It is normal for the dash cam to generate heat during operation. The FITCAMX camera is designed to work within a temperature range of -20°C to 85°C (-4°F to 185°F). The enclosed space behind the rearview mirror and direct sunlight can contribute to higher temperatures, which is within normal operating parameters.

- **Cannot connect to WiFi:** Ensure the vehicle's engine is on and the dash cam is powered. If issues persist, temporarily disable cellular data and Bluetooth on your phone. If the problem continues, contact customer support with screenshots of your WiFi and FITCAMX app pages.

- **Cannot add a rear camera to a front-only unit:** The PCB boards for single (front-only) and dual (front+rear) camera versions are different. It is not possible to add a rear camera to a front-only unit. If you require a dual camera setup, a complete new unit designed for front and rear recording is necessary.

8. Specifications

Model Number	LZ-6111
Video Capture Resolution	Front 2160P Only
Field of View	170 Degrees
Connectivity Technology	Wi-Fi
Control Method	App
Storage Support	MicroSD Card, up to 256GB (64GB included)
Operating Temperature	-20°C to 85°C (-4°F to 185°F)
Product Dimensions	3.94 x 11.81 x 9.06 inches
Item Weight	1.5 pounds
Manufacturer	Dongguan Daozhi Electronic Technology Co., Ltd

9. Maintenance

To ensure optimal performance and longevity of your FITCAMX Dash Cam, follow these maintenance guidelines:

- **Cleaning:** Gently wipe the camera lens and exterior with a soft, dry cloth. Avoid using abrasive cleaners or solvents.
- **MicroSD Card Management:** Regularly format your MicroSD card (at least once a month) using the FITCAMX app or a computer. This helps maintain card health and prevents data corruption. Back up any important footage before formatting.
- **Firmware Updates:** Check the FITCAMX app periodically for any available firmware updates. Keeping your dash cam's firmware updated ensures you have the latest features and bug fixes.
- **Temperature Exposure:** While the dash cam is designed for a wide temperature range, prolonged exposure to extreme heat or cold when the vehicle is parked can affect battery life and component longevity.

10. Warranty and Support

FITCAMX products are manufactured with quality and reliability in mind. We offer prompt technical support to assist you with any issues or questions regarding your dash cam.

- **Technical Support:** If you encounter any problems or have questions, please contact FITCAMX customer service. Refer to the contact information provided with your purchase or on the official FITCAMX website.
- **Operating Environment:** The dash cam is designed to operate reliably within temperatures ranging from -20°C to 85°C (-4°F to 185°F).