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FITCAMX Lexus-IS-Y1721-fr4k

Fitcamx 4K Drive Recorder User Manual

Model: Lexus-IS-Y1721-fr4k

Brand: FITCAMX

INTRODUCTION

The FITCAMX 4K Drive Recorder is designed to seamlessly integrate with your Lexus IS (2017-2025 models), providing a factory-installed appearance without the need for complex wiring. This manual provides comprehensive instructions for installation, operation, maintenance, and troubleshooting to ensure optimal performance and longevity of your device. The system features a high-resolution front camera (2160P) and an optional rear camera (1080P), offering superior video quality and wide dynamic range for clear recordings day and night. It includes built-in Wi-Fi for easy access via the FITCAMX app, loop recording, and a G-sensor for automatic incident detection and file protection.

SETUP AND INSTALLATION

The FITCAMX drive recorder is designed for a straightforward, plug-and-play installation that mimics the original factory setup. Please follow these steps carefully to ensure proper installation.



Figure 1: Comparison of the vehicle's interior before and after the Fitcamx dash cam installation, highlighting its integrated, OEM-like appearance.

Installation Steps:

Installation Tutorial



Figure 2: Visual guide detailing the 8 steps for installing the Fitcamx dash cam. This includes removing the front cover, transferring clips, connecting cables, and reassembling the unit.

1. **Step 1: Push forward to remove front cover.** Gently push the existing front cover of your vehicle's mirror housing forward to detach it.
2. **Step 2: Remove the back cover.** Carefully remove the back cover of the mirror housing.
3. **Step 3: Transfer orange clips from original cover to dash cam.** Detach the orange clips from the original cover and securely attach them to the new Fitcamx dash cam unit.
4. **Step 4: Unplug the A.C.C. connector.** Locate and unplug the A.C.C. (Accessory) power connector from its port.
5. **Step 5: Connect the Y cable.** Connect the provided Y-cable to the A.C.C. port and the dash cam's power input.
6. **Step 6: Push backward to mount the front cover.** Align the dash cam unit with the mirror housing and push it backward until the front cover clicks into place.
7. **Step 7: Mount the back cover.** Securely attach the back cover to complete the housing assembly.
8. **Step 8: Installation done.** Verify that the dash cam is firmly in place and the covers are properly secured.

Rear Camera Installation (Optional):

If your model includes a rear camera, follow these additional steps for its installation and wiring.



Figure 3: Diagram illustrating the routing of the rear camera cable from the front unit to the rear of the vehicle, along with examples of suitable mounting positions for the rear camera.

1. Connect the rear camera to the main dash cam unit using the provided rear extension cable.
2. Route the rear camera cable neatly along the vehicle's headliner and pillars to the rear windshield.
3. Mount the rear camera on the inside of the rear windshield using its adhesive mount, ensuring a clear view.

OPERATING INSTRUCTIONS

The FITCAMX dash cam is designed for ease of use, primarily controlled via its dedicated smartphone application.

Connecting via Wi-Fi and Using the App:



Figure 4: A smartphone displaying the FITCAMX app interface, showing live camera feed and options for video playback and settings. The app is available on both Apple App Store and Google Play.

- Download the "FITCAMX" app from the Apple App Store or Google Play.
- Turn on your vehicle's ignition to power the dash cam.
- On your smartphone, go to Wi-Fi settings and connect to the dash cam's Wi-Fi network (SSID and password can be found in the dash cam's settings or manual).
- Open the FITCAMX app. You can now view real-time footage, access recorded videos, and adjust camera settings.
- You can download important video data directly to your smartphone for easy playback and sharing.

Recording Features:

- **Loop Recording:** The dash cam continuously records. When the memory card is full, the oldest video files are automatically overwritten by new recordings. This ensures continuous recording without manual intervention.
- **G-Sensor (Emergency Lock):** The built-in G-sensor automatically detects sudden impacts or collisions. When an event is detected, the current video segment is automatically locked and saved to a protected folder, preventing it from

being overwritten by loop recording. This ensures critical incident footage is preserved.

- **Video Quality:** The dash cam records in high resolution (Front: 2160P, Rear: 1080P) at 30 frames per second. Wide Dynamic Range (WDR) technology ensures clear and vivid recordings even in challenging lighting conditions, such as at night or in strong sunlight.

MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your FITCAMX Drive Recorder.

- **Cleaning:** Use a soft, dry cloth to clean the camera lens and the main unit. Avoid using abrasive cleaners or solvents that could damage the device.
- **Memory Card:** Regularly format the memory card (at least once a month) using the FITCAMX app or a computer. This helps maintain card health and prevents data corruption. A 64GB memory card is included, and the device supports up to 128GB.
- **Firmware Updates:** Check the FITCAMX official website or app periodically for firmware updates. Keeping the firmware updated ensures you have the latest features and bug fixes.
- **Operating Environment:** The device is designed to operate in temperatures ranging from -20°C to 85°C (-4°F to 185°F). Avoid exposing the device to extreme temperatures outside this range for prolonged periods.

TROUBLESHOOTING

If you encounter any issues with your FITCAMX Drive Recorder, please refer to the following common solutions:

Problem	Possible Cause	Solution
Device not powering on.	Loose power connection; vehicle ignition off.	Ensure the A.C.C. connector is securely plugged in. Turn on vehicle ignition.
Wi-Fi connection issues.	Incorrect Wi-Fi password; too far from device.	Verify Wi-Fi password. Ensure your smartphone is close to the dash cam. Restart both devices.
Video quality is poor/blurry.	Lens is dirty; protective film still on lens.	Clean the camera lens with a soft cloth. Remove any protective film from the lens.
Recordings are not saving.	Memory card full or corrupted; incorrect card format.	Format the memory card via the app. Ensure the card is properly inserted. Use a compatible memory card (Class 10 or higher).
G-sensor not triggering.	G-sensor sensitivity setting too low.	Adjust G-sensor sensitivity in the FITCAMX app settings.

If the problem persists after trying these solutions, please contact FITCAMX customer support for further assistance.

PRODUCT SPECIFICATIONS

Feature	Detail
Brand	FITCAMX

Feature	Detail
Model Number	Lexus-IS-Y1721-fr4k
Compatible Vehicle Type	Lexus IS 2017-2025
CPU	Novatek
App	FITCAMX (Android & iOS)
Material	PC+ABS
Aperture	F1.6
Wi-Fi	2.4Ghz (2412MHz-2472MHz)
Video Capture Resolution	Front: 3840x2160 (4K), Rear: 1920x1080 (1080P)
Frame Rate	30fps
Memory Card Support	64GB included, supports up to 128GB
Operating Temperature	-20°C to 85°C (-4°F to 185°F)
Mounting Type	Adhesive
Item Weight	0.7 Kilograms
Included Components	Front Drive Recorder, Cable, User Manual, 64GB Memory Card, Trim Removal Tool, Rear Extension Cable (for rear camera models), Rear Camera (for rear camera models)

WARRANTY AND SUPPORT

FITCAMX provides a **12-month warranty** service for this product from the date of purchase. This warranty covers manufacturing defects and ensures the product performs as described under normal use.

For technical support, warranty claims, or any other inquiries, please contact FITCAMX customer service. We are committed to providing quick responses and optimizing your user experience.

Please refer to the contact information provided on the product packaging or the official FITCAMX website for the most up-to-date support channels.

