

[Manuals.plus](#) /

› [FITCAMX](#) /

› FITCAMX Front 2K+Rear 1080P Dash Cam for Jeep Renegade (2015-2023) - User Manual

FITCAMX HD2-6100

FITCAMX Front 2K+Rear 1080P Dash Cam User Manual

Model: HD2-6100 for Jeep Renegade (2015-2023)

1. PRODUCT OVERVIEW

The FITCAMX Front 2K+Rear 1080P Dash Cam is designed to integrate seamlessly into your Jeep Renegade (2015-2023) for a factory-installed appearance. This dual-channel dash camera system records high-definition video from both the front and rear of your vehicle, providing comprehensive coverage for your journeys.

Key features include:

- **Front 2K (1440P) & Rear 1080P Recording:** Captures clear video evidence.
- **OEM Look:** Discreet design that blends with your vehicle's interior.
- **WiFi & App Control:** Easily manage recordings and settings via the FITCAMX mobile application.
- **Loop Recording:** Ensures continuous recording by overwriting older files when the memory card is full.
- **G-Sensor:** Automatically detects collisions and locks important footage.
- **Parking Mode:** Monitors your vehicle when parked (requires additional fuse box cable for continuous power).

Power Wiring Guide



1



Mount the camera on the windshield

2



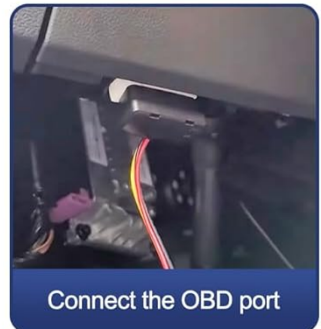
Connect the OBD cable to the camera's connector

3



Route the cable through the A-pillar to OBD port

4



Connect the OBD port

Image: Overview of the FITCAMX dual dash cam system, highlighting Front 2K and Rear 1080P recording, WiFi & App connectivity, 170-degree front and 140-degree rear wide angles, loop recording, and support for up to 256GB MicroSD card.

2. PACKAGE CONTENTS

Verify that all components are present in the package:

- FITCAMX Front Dash Cam Unit
- Rear Camera
- Rear Camera Cable
- OBD Power Cable
- Plastic Pry Tool
- SD Card Reader
- User Manual
- 64GB MicroSD Card (pre-installed or included separately)

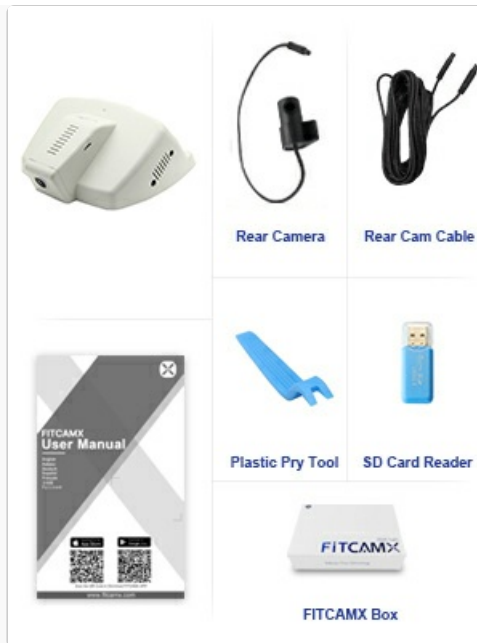


Image: Visual representation of the FITCAMX dash cam components, including the main camera unit, rear camera, cables, pry tool, SD card reader, and user manual.

3. SETUP AND INSTALLATION

Follow these steps for proper installation of your FITCAMX Dash Cam:

1. **Locate the OBD Port:** The OBD port is typically located beneath the steering wheel. This port provides power for the dash cam.



Image: Illustration showing the typical location of the OBD port beneath the steering wheel in a Jeep Renegade, indicating where to connect the power cable.

2. **Remove Original Cover:** Carefully remove the original plastic cover around your rearview mirror using the provided pry tool. This is where the main dash cam unit will be installed.



OBD port is located beneath the steering wheel, which allows plug-and-play connection with OBD cable.

Image: A comparison showing the rearview mirror area before and after installing the FITCAMX dash cam, demonstrating its integrated OEM style.

3. **Connect Power Cable:** Connect the OBD power cable to the dash cam unit.
4. **Route Cables:** Route the power cable neatly along the windshield and A-pillar, tucking it under the trim using the pry tool. Connect the other end to the OBD port.
5. **Install Rear Camera:** Mount the rear camera on the rear windshield and route its cable to the front dash cam unit.



Loop recording

Automatically overwrites the unlocked oldest recordings when 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, please search Asin: B09PQ9KDYG to order the fuse box cable**

Image: A four-step visual guide demonstrating the power wiring process: 1) Mount the camera, 2) Connect OBD cable to camera, 3) Route cable through A-pillar, 4) Connect to OBD port.

6. **Secure Dash Cam:** Secure the main dash cam unit in place, ensuring it is firmly attached and does not obstruct your view.

4. OPERATING INSTRUCTIONS

Automatic Recording

The dash cam will automatically power on and begin recording when your vehicle starts. It will power off automatically when the vehicle is turned off.

Loop Recording

The dash cam continuously records video in short segments. When the MicroSD card is full, the oldest unlocked footage will be overwritten by new recordings. This ensures that recording never stops due to a full memory card.

G-Sensor (Emergency Recording)

The built-in G-Sensor detects sudden impacts or collisions. When an event is detected, the current video segment is automatically locked and saved to a protected folder on the MicroSD card, preventing it from being overwritten by loop recording.

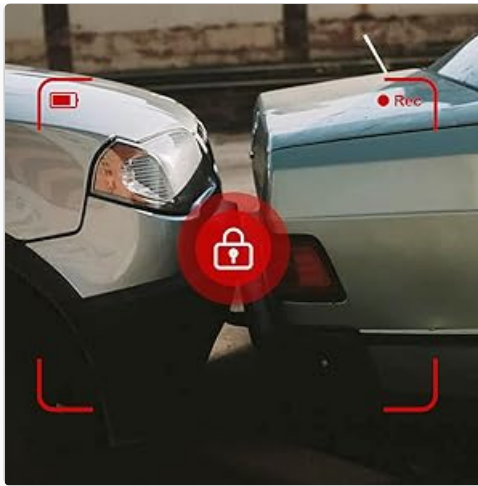


Image: Icons illustrating the Loop Recording feature (automatic overwriting of old files) and the G-Sensor feature (locking current video upon collision detection).

Parking Mode

If your vehicle's power plug provides continuous electricity, the parking mode will activate. In this mode, the dash cam will only start recording if a serious collision is detected while the vehicle is parked. This feature requires an additional fuse box cable for continuous power supply. (Search ASIN: B09PQ9KDYX to order the fuse box cable).

WiFi & FITCAMX App

The dash cam features built-in WiFi for connecting to the FITCAMX mobile application. This allows you to:

- View live video feed from both cameras.
- Download recorded footage to your smartphone.
- Adjust dash cam settings.

Download the FITCAMX App from the App Store (iOS) or Google Play Store (Android).



Image: A smartphone screen displaying the FITCAMX app interface with a live view from the dash cam, indicating WiFi connectivity and options for camera control.

Note: You only need to connect to the dash cam's WiFi when you want to access the app. The camera records automatically regardless of WiFi connection. Connecting to the dash cam's WiFi will temporarily disconnect your phone from CarPlay or Bluetooth for data transfer.

5. MAINTENANCE

- **MicroSD Card:** Regularly format the MicroSD card (at least once a month) to ensure optimal performance and prevent data corruption. Use a high-quality Class 10 or U3 MicroSD card. The dash cam supports up to 256GB.
- **Lens Cleaning:** Keep the camera lenses clean from dust and smudges using a soft, lint-free cloth. Avoid abrasive materials that could scratch the lens.
- **Firmware Updates:** Check the FITCAMX official website or app periodically for firmware updates to ensure your dash cam has the latest features and bug fixes.
- **Temperature:** The dash cam is designed to operate within a temperature range of -20°C to 85°C (-4°F to 185°F).

185°F). It is normal for the device to feel warm during operation, especially in direct sunlight.

6. TROUBLESHOOTING

Q: Do I need to turn on the dash cam every time? Is WiFi required for recording?

A: No. The dash cam automatically turns on/off with your car engine. You do not need to connect to WiFi manually after the initial setup; the camera records automatically when the car starts.

Q: Can I view video after the car is off?

A: You must download the video to your phone via the app before turning off the engine. The built-in WiFi has a limited range and will not be accessible once the car is off and the camera loses power.

Q: What if the phone can't connect to WiFi? Is the FITCAMX APP safe and stable?

A: Ensure the engine is on and the dash cam is working when attempting to connect to WiFi. If connection issues persist, provide screenshots of your WiFi and FITCAMX app pages for support. The current FITCAMX app is developed in-house for high stability and ease of use, with no ads.

Q: Why doesn't my car have parking monitoring? Can I upgrade this function?

A: Parking mode functionality depends on whether your car's power plug provides continuous electricity, as determined by the car manufacturer. If continuous power is available, parking mode will function. To enable or upgrade this function, an extra harness cable is required. Note that parking mode does not record continuously 24/7; it only activates recording upon serious collision detection.

Q: Why does the dash cam get hot?

A: It is normal for the dash cam to generate heat. The FITCAMX camera is designed to operate normally within -20°C to 85°C (-4°F to 185°F). The compact space around the camera and its proximity to the windshield under direct sunlight can contribute to higher operating temperatures.

Q: I have the 4K single front version; can I add a rear camera separately?

A: No, you cannot. The single camera and dual camera versions have different PCB boards. If you wish to have a dual camera setup, you must replace the entire unit with a dual-channel version.

7. SPECIFICATIONS

Feature	Specification
Brand	FITCAMX
Model Number	HD2-6100
Vehicle Service Type	Jeep Renegade 2015-2023
Video Capture Resolution	Front 1440P (2K) + Rear 1080P
Frame Rate	30fps
Field of View	170 Degrees
Maximum Aperture	f/1.6
Optical Sensor Technology	CMOS
Flash Memory Type	MicroSD
Max. Supported Flash Memory	256 GB (64GB included)
Connectivity Technology	Powerline, WiFi

Control Method	App
Operating Temperature	-20°C to 85°C (-4°F to 185°F)
Item Weight	2.5 Pounds

8. WARRANTY AND SUPPORT

Warranty Information

This FITCAMX Dash Cam comes with a **1-Year Warranty** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use. Please retain your proof of purchase for warranty claims.

Technical Support

For technical assistance, installation queries, or troubleshooting not covered in this manual, please contact FITCAMX customer support. Prompt response technical support is provided.

Refer to the contact information provided with your product packaging or visit the official FITCAMX website for the most up-to-date support details.