

FITCAMX HD2-6179

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

For Volkswagen Tiguan 2018-2024 (Model HD2-6179)

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1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your FITCAMX Front 2K+Rear 1080P Dash Cam, Model HD2-6179. This dash camera system is specifically designed for Volkswagen Tiguan models manufactured between 2018 and 2024, featuring an OEM-style integrated design for a seamless fit. It records video in 1440P (Front) and 1080P (Rear) resolutions, offering comprehensive coverage for your vehicle.



Image 1.1: Overview of the FITCAMX Dash Cam and its mobile application interface.

Rear 1080P

Front 2K

Dual Dash Cam for Volkswagen Tiguan 2018-2024

- WiFi & APP
- Front 170° Rear 140°
- Loop Recording
- Support Up to 256GB

Image 1.2: Key features of the FITCAMX Dash Cam, including dual-channel recording resolutions and connectivity options.

2. PACKAGE CONTENTS

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

- 1x FITCAMX 2K Dual Dash Cam (Front 1440P, Rear 1080P)
- 1x Power Cable
- 1x User Manual (this document)
- 1x 64GB MicroSD Memory Card
- 1x Removal Pry Tool

3. INSTALLATION GUIDE

The FITCAMX dash cam is designed for a specific OEM-style fit. Ensure your vehicle is a Volkswagen Tiguan 2018-2024 with the broader rear cover (HD2-6179 model compatibility).

3.1. Compatibility Check

Before proceeding with installation, confirm that your vehicle's rearview mirror cover matches the HD2-6179 design. The HD2-6179 model is for vehicles where the original rear cover is broader and does not have a sensor on the front of the mirror housing.



⚠ Please select the model based on the original rearview mirror cover

Image 3.1: Guide to selecting the correct dash cam model based on your vehicle's rearview mirror cover. Ensure your vehicle matches the HD2-6179 design.

3.2. Step-by-Step Installation

Follow these steps carefully for proper installation:

1. **Step 1: Remove Front Cover.** Use the provided pry tool to carefully detach the original front cover of your rearview mirror housing.
2. **Step 2: Remove Back Cover.** Detach the original back cover of the rearview mirror housing.
3. **Step 3: Disconnect Connector.** Locate the two connectors (A and B) behind the mirror. Pull out connector A.
4. **Step 4: Connect Dash Cam.** Connect the dash cam's power cable to the rain sensor connector.
5. **Step 5: Connect Rain Sensor.** Connect the rain sensor's cable to the dash cam's corresponding port.
6. **Step 6: Mount Back Cover.** Reinstall the original back cover of the rearview mirror housing.

- Step 7: Mount Front Dash Cam.** Securely mount the front dash cam unit into the housing.
- Step 8: Installation Completed.** Ensure all connections are secure and the dash cam is firmly in place.

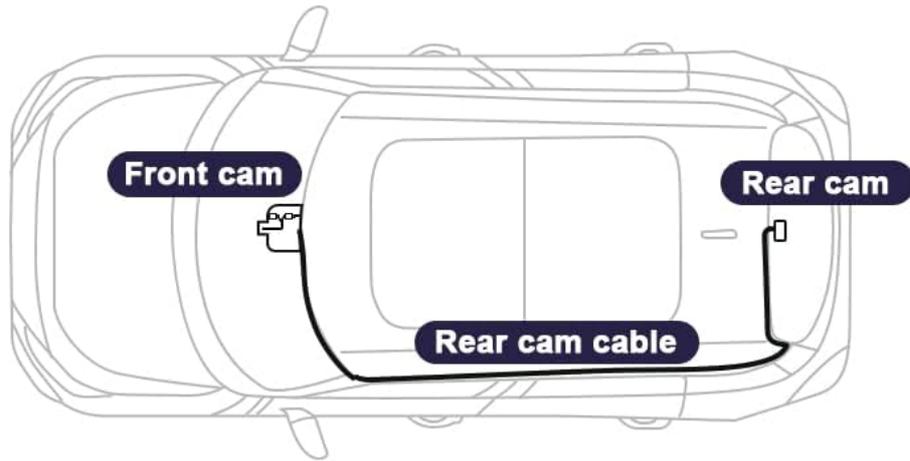


Image 3.2: Visual guide for the installation process of the FITCAMX Dash Cam.

3.3. Rear Camera Wiring

For the rear camera, route the cable from the front dash cam to the rear of the vehicle. The rear camera can be mounted on the rear windshield or facing the cabin, depending on your preference. The rear camera is not waterproof.

Rear cam wiring



Mount on rear windshield
or facing cabin



Rear cam kit



Image 3.3: Illustration of the rear camera wiring and potential mounting locations.



Image 3.4: Visual comparison demonstrating the integrated OEM-style appearance of the dash cam after installation.

4. OPERATING INSTRUCTIONS

4.1. Automatic Recording

The dash cam automatically begins recording when your vehicle starts. It records continuously, overwriting the oldest footage with new content once the memory card is full (Loop Recording function).

4.2. Loop Recording

The device supports loop recording, ensuring continuous operation without manual intervention. When the 64GB MicroSD card (included) reaches its capacity, the oldest files are automatically overwritten by new recordings. The system supports MicroSD cards up to 256GB.

4.3. Parking Mode & G-Sensor

The integrated G-sensor detects sudden collisions or impacts while the vehicle is parked. In such events, the dash cam automatically saves and locks the emergent footage into a dedicated folder, preventing it from being overwritten

by loop recording. This feature provides surveillance even when the vehicle is off.

4.4. Wi-Fi Connectivity and Mobile App

The dash cam features built-in 2.4GHz Wi-Fi, allowing you to connect it to your smartphone via the FITCAMX mobile application (available on Android and iOS). Through the app, you can:

- Access and preview live video footage.
- Download important recordings directly to your phone.
- Adjust camera settings.

Note: To ensure proper preview functionality, temporarily turn off cellular data or Bluetooth on your phone when connecting to the camera's Wi-Fi. The dash cam's Wi-Fi connection does not interfere with Apple CarPlay or Android Auto functionality.



Image 4.1: The FITCAMX mobile application interface, showing live video preview and control options.

5. MAINTENANCE

5.1. Cleaning the Lens

Regularly clean the front and rear camera lenses with a soft, lint-free cloth to ensure clear video recording. Avoid using abrasive cleaners that could scratch the lens.

5.2. Memory Card Management

Periodically format the MicroSD card within the camera settings via the mobile app to maintain optimal performance and prevent data corruption. While the camera features loop recording, formatting can help resolve potential recording issues over time.

5.3. Firmware Updates

Check the FITCAMX official website or the mobile application for any available firmware updates. Keeping your dash cam's firmware updated ensures access to the latest features and performance improvements.

6. TROUBLESHOOTING

If you encounter issues with your FITCAMX Dash Cam, refer to the following common problems and solutions:

- **Camera Not Powering On:** Ensure all power connections are secure and correctly installed. Verify that your vehicle's ignition is on.
- **Wi-Fi Connection Issues / No Live Preview:** Temporarily disable your phone's cellular data or Bluetooth when attempting to connect to the dash cam's Wi-Fi network and view the live preview in the app.
- **Recording Stops or Corrupted Files:**
 - Ensure the MicroSD card is properly inserted.
 - Format the MicroSD card using the FITCAMX app.
 - If issues persist, try using a different, high-quality MicroSD card (Class 10 or higher, up to 256GB).
- **Poor Video Quality:**
 - Clean the camera lenses.
 - Ensure the protective film has been removed from the lenses.
 - Check app settings to confirm desired recording resolution is selected.
- **Parking Mode Not Activating:** Ensure the G-sensor sensitivity is appropriately set in the app.

If these steps do not resolve the issue, please contact customer support.

7. SPECIFICATIONS

Feature	Detail
Brand	FITCAMX
Compatible Vehicle Model	Volkswagen Tiguan 2018-2024 (HD2-6179, broader rear cover)
CPU	Novatek
Mobile Application	FITCAMX APP (Android and iOS)
Shell Material	PC+ABS
Aperture	f/1.6

Wi-Fi	2.4Ghz
Video Resolution	Front 1440P, Rear 1080P
Included Memory Card	64GB MicroSD Card
Maximum Memory Card Support	256GB
Special Features	FITCAMX APP, OEM Style, Loop Recording, Parking Sensor (G-Sensor)
Field of View	170 Degrees (Front), 140 Degrees (Rear)
Product Dimensions	11.42 x 9.06 x 3.94 inches
Item Weight	2.5 pounds
Batteries	1 Lithium Metal battery required (included)

8. WARRANTY AND CUSTOMER SUPPORT

FITCAMX provides lifetime after-sales support for its products. If you have any questions regarding installation, operation, or troubleshooting, please do not hesitate to contact our customer service team. For the most up-to-date contact information, please refer to the FITCAMX official website or the contact details provided with your purchase.