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> [Fitcamx Front 4K+Rear 1080P Dash Cam for VW Passat 2016-2023 \(HD2-6113\) Instruction Manual](#)

FITCAMX HD2-6113

Fitcamx Front 4K+Rear 1080P Dash Cam (HD2-6113) Instruction Manual

For Volkswagen Passat 2016-2023 Models

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Fitcamx Front 4K+Rear 1080P Dash Cam, model HD2-6113. This device is specifically designed for Volkswagen Passat models manufactured between 2016 and 2023, offering an OEM-style integrated look. Please read this manual thoroughly before use to ensure proper functionality and safety.

2. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- Front Camera
- Rear Camera
- Rear Cam Cable
- Y Cable
- Pry Tool
- Card Reader
- 128GB SD Card
- User Manual



Image: All components included in the Fitcamx dash cam package.

3. PRODUCT OVERVIEW

The Fitcamx HD2-6113 dash cam offers advanced features for vehicle recording:

- **Integrated Design:** OEM style for seamless integration with Volkswagen Passat 2016-2023 models (HD2-6113/B8).
- **High-Resolution Recording:** Front camera records in 4K (2160P) and rear camera in 1080P at 30fps.
- **Wide Angle Lenses:** 170° front and 140° rear wide-angle lenses reduce blind spots.
- **Superior Night Vision:** Equipped with f/1.6 large aperture lens and WDR technology for clear night recordings.
- **Built-in WiFi & App Control:** Connect via WiFi to the Fitcamx app for real-time viewing, video management, and footage download.
- **Loop Recording:** Automatically overwrites oldest footage when the storage card is full.
- **Parking Monitoring & G-Sensor:** Automatically records and locks emergency footage upon detecting sudden collisions while parked.



Image: Integrated design of the Fitcamx dash cam with a smartphone showing live feed.

Dual Dash Camera 4K +1080P

Front UHD 3840x2160P + Rear FHD 1920x1080P

Front 4K

Rear 1080P

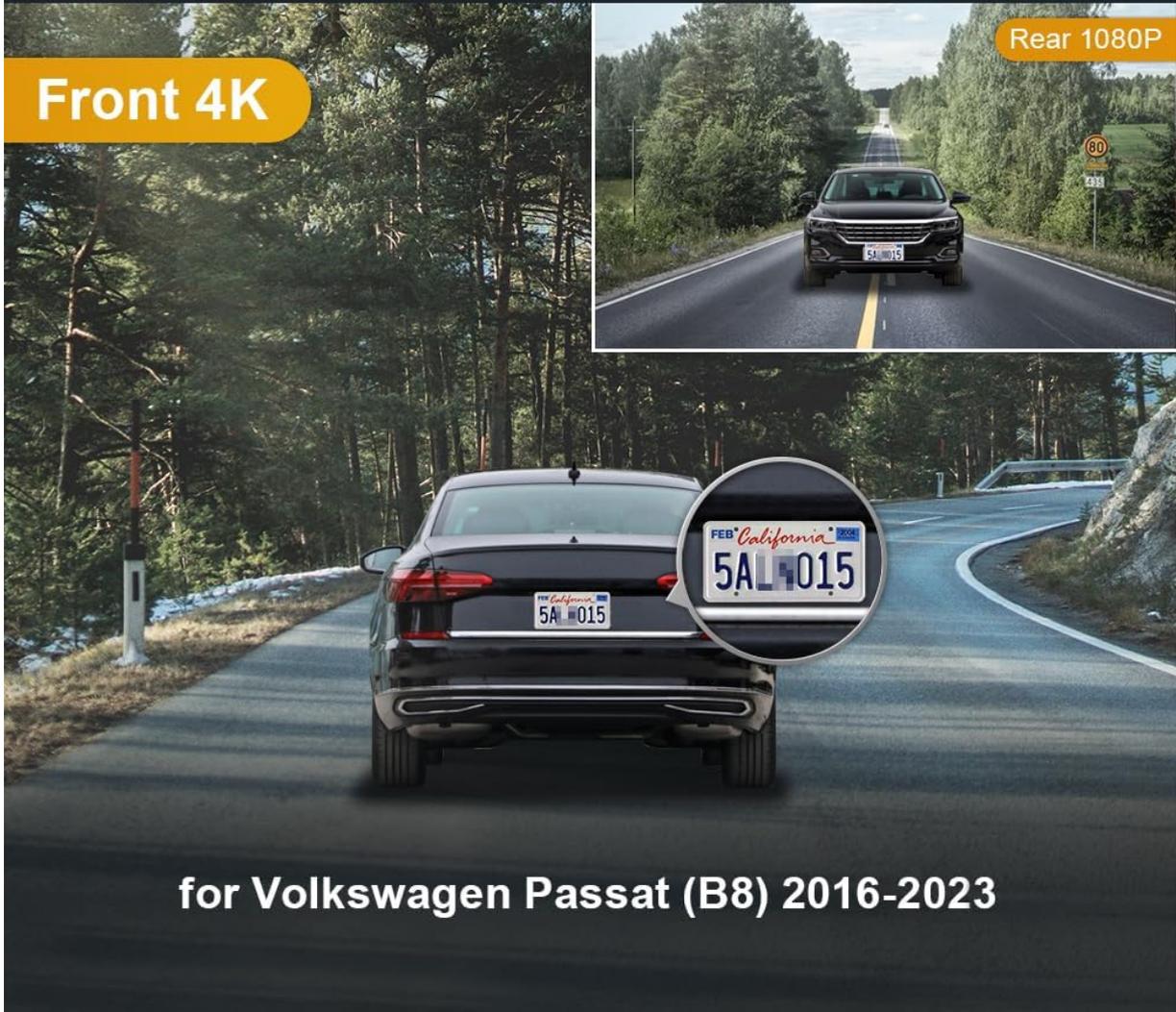


Image: Visual representation of the dual 4K front and 1080P rear recording.

HD2-6108



HD2-5737



HD2-6113



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

Image: Guide to select the correct model based on the original rearview mirror cover, highlighting HD2-6113.

Before



After



Image: Before and after view demonstrating the OEM-style integration of the dash cam.

4. INSTALLATION GUIDE

Follow these steps for proper installation of your Fitcamx dash cam. It is recommended to turn off the car's power before beginning installation.

4.1 Front Camera Installation

1. Use the provided pry tool to gently pry off the front cover of the original rearview mirror housing.
2. Remove the front cover, then the back cover.
3. Locate the rain sensor connector. Pull out the 'A' connector.
4. Connect the Y-cable to the rain sensor and the dash cam.
5. Mount the back cover, then the front dash cam.

Installation Guide



Image: Step-by-step installation process for the front dash cam.

4.2 Rear Camera Installation

Route the rear camera cable from the front dash cam to the rear of the vehicle. Use the pry tool to tuck the cable neatly along the headliner and door trims.

Video: Detailed installation tutorial for Volkswagen models, demonstrating front and rear camera setup.

Video: General installation tutorial for dual dash cameras, covering wiring and mounting.

Video: Installation guide for the rear camera, showing cable routing and mounting.

Video: Rear dash cam installation for vehicles with immovable rear windshields.

5. OPERATION

5.1 Automatic Recording

The dash cam will automatically begin recording when the car engine starts. There is no need to manually connect to WiFi every time you start your vehicle.

5.2 Loop Recording

When the storage card is full, the dash cam will automatically overwrite the oldest video files with new content. You can set the recording duration (1/3/5 minutes) via the Fitcamx app.

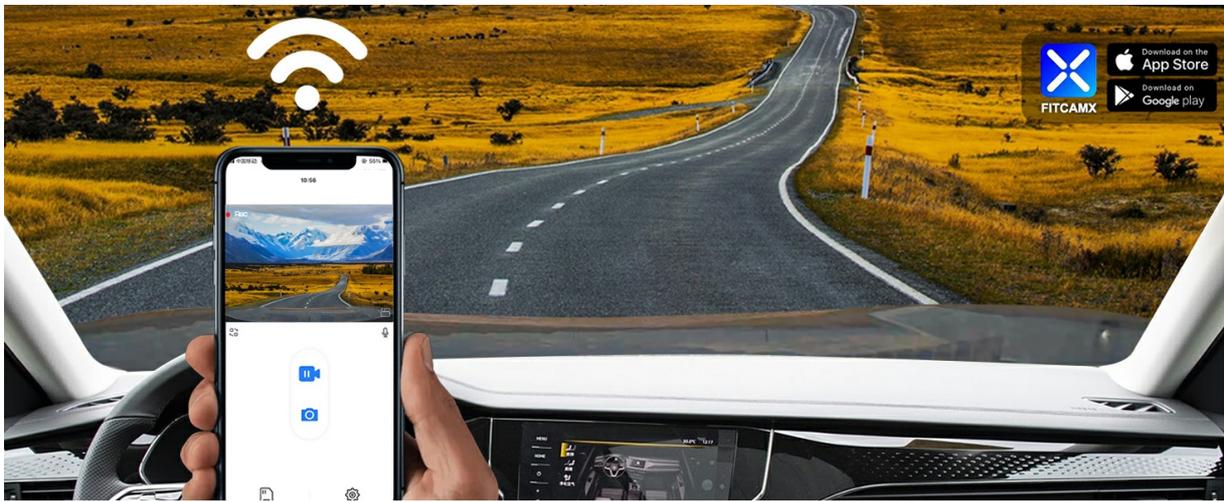


Image: Loop recording functionality, indicating older files are overwritten.

5.3 Parking Monitoring & G-Sensor

The Parking Monitoring function, combined with the G-Sensor, detects sudden collisions while the vehicle is parked. In such events, the dash cam will automatically record and lock the footage to a separate folder, ensuring critical evidence is preserved. Note: Some parking mode features may require an additional harness (e.g., Fuse Box Cable for 24-hour recording or OBD Cable for 24-hour non-24-hour recording).



Image: Parking monitoring system detecting and recording incidents.

5.4 WiFi & App Connectivity

Connect your smartphone to the dash cam's built-in WiFi to access the Fitcamx app. The app allows you to view live

video, manage recorded files, and download important footage directly to your phone. You can also adjust camera settings through the app.



Image: Smartphone connected to the dash cam via WiFi, showing the app interface.

6. MAINTENANCE

To ensure optimal performance and longevity of your Fitcamx dash cam:

- Regularly check the SD card for errors and format it periodically (e.g., once a month) to prevent data corruption.
- Keep the camera lenses clean using a soft, lint-free cloth. Avoid abrasive materials that could scratch the lens.
- Ensure the dash cam is securely mounted to prevent vibrations affecting video quality.
- The device is designed to operate in temperatures from -20°C to 85°C (-4°F to 185°F). Avoid exposing it to extreme temperatures outside this range for extended periods.

7. TROUBLESHOOTING

If you encounter any issues, refer to the following common troubleshooting tips:

- **Camera not powering on:** Check the power connection. Ensure the car engine is running or the parking monitoring harness is correctly installed.
- **Video quality issues:** Clean the camera lenses. Ensure the SD card is not full or corrupted; try formatting it. Check app settings for resolution.

- **WiFi connection problems:** Ensure the dash cam is powered on. Restart your smartphone and the dash cam. Verify you are connecting to the correct WiFi network.
- **Loop recording not working:** Check if the SD card is full. Format the SD card. Ensure G-Sensor locked files are not filling up the card excessively.
- **Rain sensor not working after installation:** Ensure the Y-cable is correctly connected to the rain sensor plug.

8. SPECIFICATIONS

Model Name	HD2-6113
Video Capture Resolution	Front 2160P (4K) + Rear 1080P
Lens Aperture	f/1.6
Connectivity Technology	WiFi, Powerline
Special Features	FITCAMX APP, OEM Style, Loop Recording, G-Sensor, Parking Monitor, WDR
Product Dimensions	11.42 x 9.06 x 3.94 inches
Item Weight	2 pounds
Batteries	1 Lithium Metal batteries required (included)
Operating Temperature	-20°C to 85°C (-4°F to 185°F)

9. WARRANTY & SUPPORT

Fitcamx products are manufactured with high-density ABS+PC material, ensuring exquisite craftsmanship and sharp video performance. We are committed to providing reliable products and prompt technical support. If you encounter any issues or have questions regarding your dash cam, please do not hesitate to contact our customer support team for assistance.