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FITCAMX Front 4K+Rear None

Fitcamx 4K Dash Cam Instruction Manual

FOR MAZDA CX-30 (2020-2023) & MX-30 EV (2022-2023) - No SUNROOF MODELS

Model: Front 4K+Rear None

1. Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your Fitcamx 4K Dash Cam. Designed for seamless integration, this dash cam offers high-definition video recording and advanced features to enhance your driving experience. Please read this manual thoroughly before installation and use.

For CX-30



For MX-30



OEM Style



Easy to Install



UHD 2160P



f/1.6 Aperture



WiFi&APP



Loop Recording



Super Night Vision



G-Sensor

Image: Overview of Fitcamx Dash Cam features, including OEM style, easy installation, UHD 2160P video, f/1.6 aperture, WiFi & App, loop recording, super night vision, and G-Sensor.

2. Vehicle Compatibility

This Fitcamx dash camera is specifically designed for:

- **Mazda CX-30:** Model years 2020, 2021, 2022, 2023
- **Mazda MX-30 EV:** Model years 2022, 2023

Important Note: This specific model is compatible with vehicles **without a sunroof**. If your vehicle has a sunroof, a different Fitcamx model may be required. Please verify your vehicle's configuration before proceeding with installation.

How to identify the correct model



Image: Visual guide for identifying the correct Fitcamx model based on the overhead console design. HD2-6264 (no vent slots on the right) and HD2-6607 are shown.



Image: Illustrates the difference between a vehicle with 'No Sunroof' and one that 'Has Sunroof' to aid in compatibility verification.

3. What's in the Box

Please check the package contents upon receipt to ensure all items are present:

- Fitcamx Front Camera Unit
- 64GB MicroSD Card
- Y Cable (for power connection)
- Card Reader
- Pry Tool
- User Manual

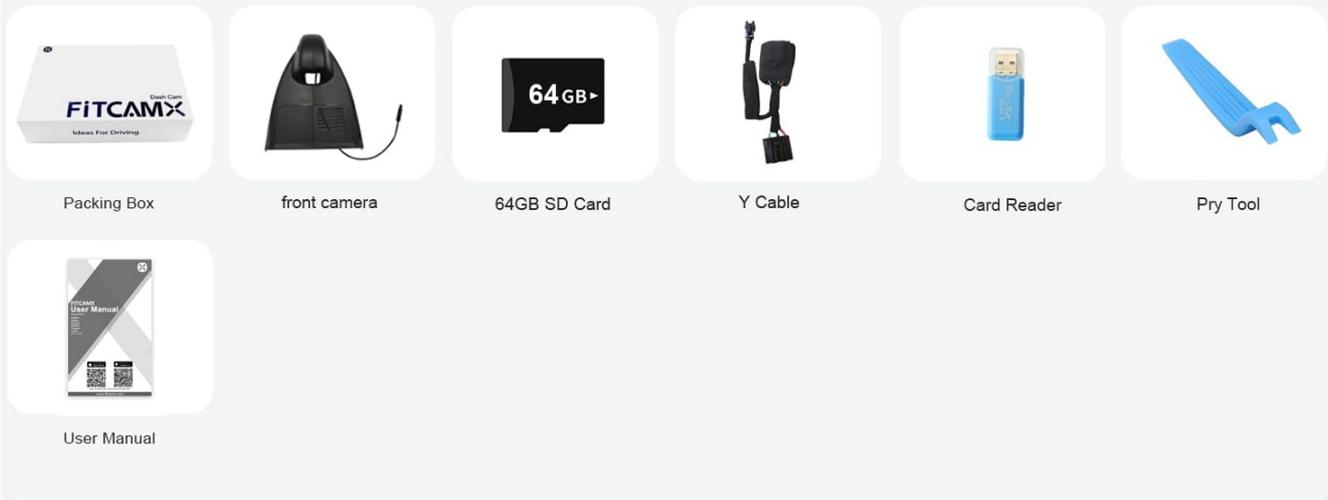


Image: Displays the packing box, front camera, 64GB SD card, Y cable, card reader, pry tool, and user manual included in the package.

4. Installation Guide (No Sunroof Models - Power from OBD)

Follow these steps for installing your Fitcamx dash cam. This guide is for models without a sunroof, utilizing power from the OBD port.

1. Carefully use the pry tool to remove the original plastic cover near the rearview mirror.
2. Disconnect the existing cable from the original cover.
3. Connect the provided Y-cable to the vehicle's power source.
4. Connect the other end of the Y-cable to the Fitcamx dash cam.
5. Route the power cable neatly along the windshield edge and down the A-pillar.
6. Tuck the cable under the door seal.
7. Continue routing the cable along the lower door frame.
8. Route the cable towards the OBD port located near the driver's footwell.
9. Plug the OBD connector into the vehicle's OBD port.
10. Secure the Fitcamx dash cam unit in place, ensuring it is properly aligned and the cables are neatly tucked away.

without Sun Roof (Get Power from OBD)



FITCAMX

Image: A visual step-by-step guide demonstrating the installation process for the Fitcamx dash cam in a vehicle without a sunroof, showing how to connect to the OBD port.



Image: A comparison showing the vehicle's overhead console 'Before' and 'After' the Fitcamx dash cam installation, highlighting its integrated 'OEM Style' appearance.

5. Operating Instructions

5.1. 4K UHD Video Recording & Night Vision

The Fitcamx dash cam records in Ultra High Definition (UHD) 2160P at 30 frames per second, capturing clear and detailed footage. Equipped with a Novatek Chip and CMOS Sensor, a 170° wide-angle lens, and an f/1.6 large aperture, it optimizes image performance in various lighting conditions, including low-light environments for enhanced night vision.



Image: Demonstrates the dash cam's ability to provide a clear view even at night, highlighting key technologies like CMOS Sensor, f/1.6 Aperture, WDR Tech, and Novatek Chip.

5.2. WiFi & Mobile App Connectivity

Connect your dash cam to the Fitcamx mobile application via built-in WiFi to access live preview, transfer footage, and adjust settings. The app is available for download on both the App Store and Google Play.

- **Connecting to the App:** Enable WiFi on your smartphone and connect to the dash cam's WiFi network. Open the Fitcamx app to manage your recordings and settings.
- **Note:** It is not necessary to keep the WiFi connected at all times. The camera records automatically when the car starts. Turn off cellular data or Bluetooth if you experience issues with live preview.



Image: A smartphone screen showing the Fitcamx app with a live view from the dash cam, indicating WiFi connectivity and app download options.

5.3. Loop Recording

The dash cam features automatic loop recording. When the memory card is full, the oldest footage will be overwritten by new recordings. This ensures continuous recording without manual intervention. You can set the recording duration (1/3/5 minutes) via the Fitcamx app.

- A 64GB MicroSD card provides approximately 5 hours of recording time.
- A 128GB MicroSD card provides approximately 10 hours of recording time.

Automatically Loop Recording

The oldest videos will be overwritten when card storage is full.

Set it at FITCAMX APP: 1/3/5 min option

● Recording time for different SD card storage.



Image: Illustrates the loop recording function, where older videos are automatically overwritten when the storage card is full, with options for 1/3/5 minute segments.

5.4. G-Sensor (Emergency Recording)

The built-in G-Sensor automatically detects sudden collisions or impacts. In such events, the dash cam will save and lock the relevant footage into a specified folder, preventing it from being overwritten by loop recording. This feature helps protect critical video evidence.

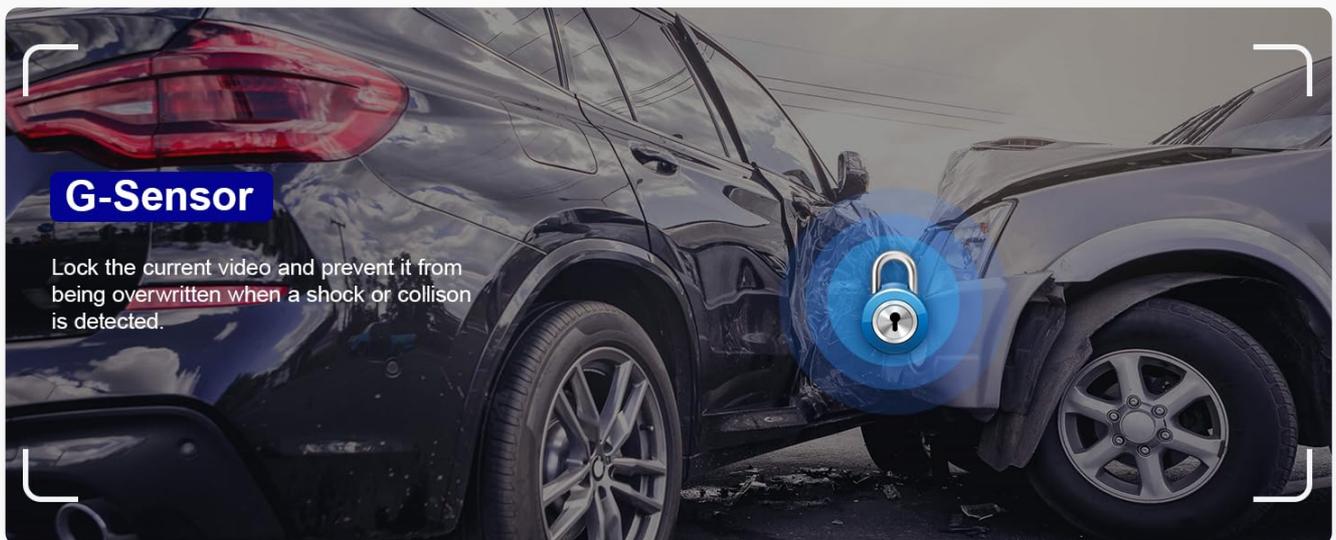


Image: Depicts a car collision with a lock icon, symbolizing the G-Sensor's function to lock and protect video footage during a shock or collision.

5.5. Parking Monitoring

The parking mode provides continuous surveillance when your vehicle is parked. This feature helps record incidents that may occur while the vehicle is unattended. For parking monitoring, the camera connects to the Fuse Box or OBD port for continuous power.

- **Fuse Box Cable:** Enables 24-hour recording.
- **OBD Cable:** Enables 24-hour and non-24-hour recording (On-Board Diagnostics).

6. Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the camera lens and body. Avoid abrasive cleaners or solvents.
- **SD Card Management:** Regularly format the MicroSD card (at least once a month) to ensure optimal

performance and prevent data corruption. Back up important footage before formatting.

- **Firmware Updates:** Check the Fitcamx official website or app for any available firmware updates to ensure your dash cam has the latest features and improvements.
- **Temperature:** The dash cam is designed to operate in temperatures from -20°C to 85°C (-4°F to 185°F). Avoid prolonged exposure to extreme temperatures outside this range.

7. Troubleshooting

- **Camera not recording:** Ensure the MicroSD card is inserted correctly and is not full. Format the card if necessary. Check power connection.
- **WiFi connection issues:** Ensure the dash cam's WiFi is enabled. Try restarting both the dash cam and your phone. If using the app, temporarily disable cellular data or Bluetooth on your phone if preview issues occur.
- **App not connecting:** Ensure you have the latest version of the Fitcamx app. Reinstall the app if problems persist.
- **Poor video quality:** Clean the camera lens. Ensure the protective film is removed. Check settings in the app to confirm 4K resolution is selected.
- **Can I use CarPlay/Bluetooth when driving?** Yes. Your phone cannot be connected to CarPlay and dash cam WiFi simultaneously, but the camera records automatically after the car starts, so you do not need to keep WiFi connected to the camera at all times.
- **Can I add a rear camera if I already have a front camera?** No, because the PCB boards are different. You would need to replace the entire set if you wish to change video resolutions or add a rear camera.

8. Specifications

Video Capture Resolution	Front 2160P Only
Field Of View	170 Degrees
Special Feature	Built-In WiFi, FITCAMX APP
Connectivity Technology	Powerline
Vehicle Service Type	Mazda CX30 2020-2023 & MX30
Item Weight	2 pounds
Product Dimensions	16 x 11 x 4 inches
Batteries	1 Lithium Metal battery required (included)
Manufacturer	Dongguan Daozhi Electronic Technology Co., Ltd

9. Warranty & Support

Fitcamx is committed to quality and innovation. We offer technical support to assist with any questions or issues you may encounter.

- **Technical Support:** For assistance, please contact Fitcamx customer service. Refer to the contact information provided in your product packaging or on the official Fitcamx website.
- **Warranty:** Specific warranty details are provided with your purchase. Please retain your proof of purchase for warranty claims.

- **Model Verification:** If you are unsure about the correct model for your vehicle, please compare your vehicle style, year, and cover shape, or contact Fitcamx for detailed confirmation.



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