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FITCAMX HD2-6568

Fitcamx 4K Dash Cam User Manual

Brand: FITCAMX | Model: HD2-6568

1. PRODUCT OVERVIEW

The Fitcamx 4K Dash Cam is designed to seamlessly integrate into your BMW X7 (2023-2026 Xdrive40i, M60i, Alpina XB7 G07 1st Gen) for an OEM factory look. It provides high-definition video recording, smart features, and reliable performance.



Figure 1: Fitcamx 4K Dash Cam integrated into vehicle interior with mobile app view.

Key Features:

- **OEM Style Integration:** Designed to blend perfectly with your vehicle's interior, appearing factory-installed with no visible wires from the driver's seat.
- **Ultra HD 2160P Video:** Captures vivid moments in precise 4K resolution with an f/1.6 large aperture and CMOS Sensor. WDR technology ensures clear night vision.
- **Built-in WiFi & APP Control:** Easily view and manage real-time videos, and download important footage directly to your phone via the Fitcamx APP.
- **Loop Recording & G-Sensor:** Automatically overwrites the oldest footage when the storage card is full. The G-Sensor detects sudden collisions and saves relevant footage to a protected folder.
- **Durable Construction:** Made from premium PC+ABS materials, ensuring durability and temperature resistance (-20°C to 85°C / -4°F to 185°F).

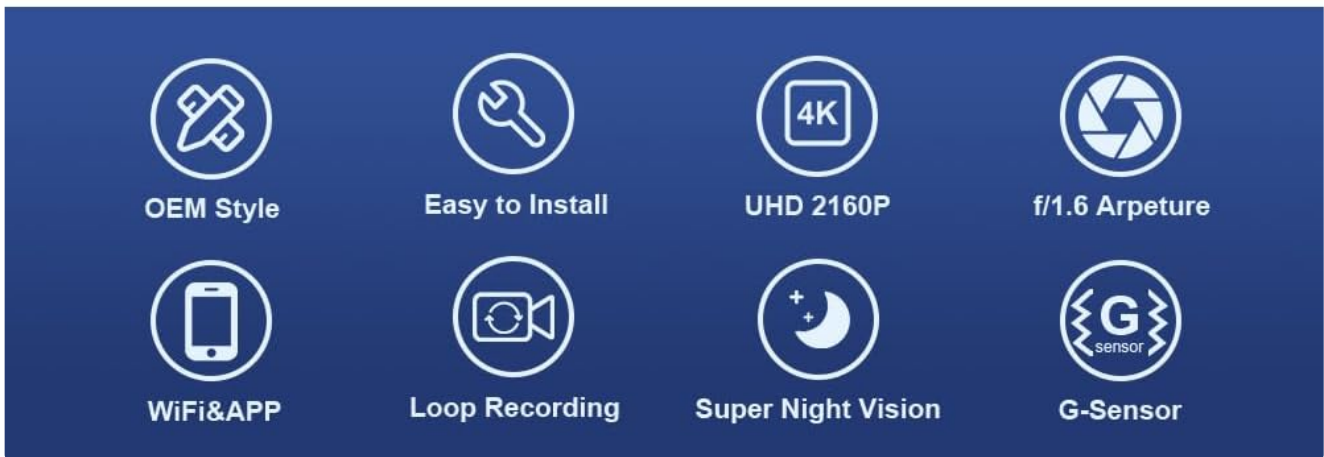


Figure 2: Visual representation of key product features.

2. WHAT'S IN THE BOX

Your Fitcamx 4K Dash Cam package includes the following components:

- Fitcamx 4K Dash Cam Unit
- 64GB MicroSD Card (pre-installed or included)
- Power Cable (Y-cable for rain sensor plug)
- Plastic Pry Tool
- User Manual

3. SETUP AND INSTALLATION

The Fitcamx dash cam is designed for a simple plug-and-play installation. Follow these steps for proper setup:

1. **Remove the Back Cover:** Gently use the provided plastic pry tool to remove the original rear-view mirror cover.
2. **Disconnect Original Cable:** Carefully disconnect the original power cable from the rain sensor plug.
3. **Connect Y-Cable:** Connect the Fitcamx Y-cable to the rain sensor plug.
4. **Install the Dash Cam:** Align the dash cam unit with the mounting area and securely snap it into place.

5. **Replace Back Cover:** Reinstall the original rear-view mirror cover, ensuring all clips are properly engaged.
6. **Verify Installation:** Confirm the dash cam is securely mounted and powered on.



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, search asin: B09PQ9KDYG to order the fuse box cable**

Figure 3: Visual step-by-step installation guide.

Your browser does not support the video tag.

Video 1: Detailed installation tutorial for BMW X7 models. This video demonstrates the process of removing the existing cover, connecting the power cable, and installing the Fitcamx dash cam for a seamless OEM look.



Figure 4: Before and after comparison illustrating the OEM-style integration of the dash cam.

4. OPERATING INSTRUCTIONS

Automatic Operation:

The Fitcamx dash cam is designed for automatic operation. It will automatically turn on and off with your car engine. You do not need to manually power it on or off each time you start or stop your vehicle.

Loop Recording:

The camera continuously records video. When the MicroSD card storage is full, the dash cam will automatically overwrite the oldest unlocked footage with new content. This ensures continuous recording without manual intervention.

G-Sensor (Emergency Recording):

The built-in G-Sensor detects sudden impacts or collisions. In the event of a significant shake or collision, the G-Sensor will automatically lock the current video footage, preventing it from being overwritten by loop recording. This ensures critical incident footage is preserved.

Installation Tutorial

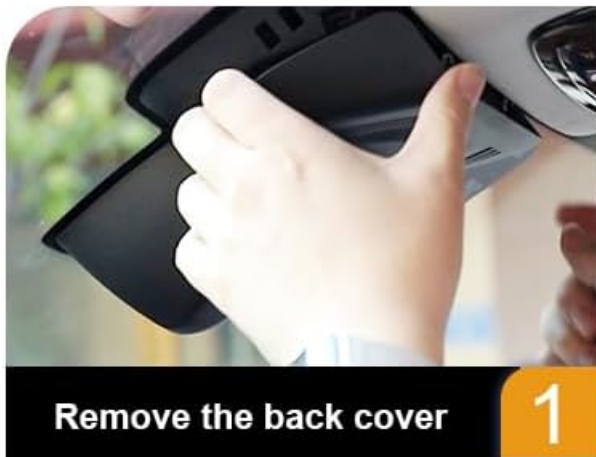


Figure 5: Explanation of Loop Recording and G-Sensor features.

Night Vision:

Equipped with WDR (Wide Dynamic Range) technology, the dash cam automatically adjusts exposure to provide clear night vision. This allows for better visibility of details like license plates and road signs in low-light conditions.

5. APP USAGE (FITCAMX APP)

The Fitcamx dash cam features built-in WiFi, allowing you to connect to it via the dedicated Fitcamx mobile application. This app provides convenient access to your recordings and camera settings.

Connecting to the App:

1. Download the "Fitcamx" app from the App Store (iOS) or Google Play Store (Android).

2. Ensure your car engine is running to power the dash cam.
3. On your smartphone, go to WiFi settings and connect to the Fitcamx dash cam's WiFi network. (The network name and password can usually be found in the camera's settings or manual).
4. Open the Fitcamx app. You should now be able to view live footage, access recorded videos, and adjust camera settings.

Note: You do not need to keep the WiFi connected to the camera all the time for it to record. The camera records automatically after the car starts. Connecting to the app for viewing or downloading will not affect the use of CarPlay or Bluetooth.



Figure 6: Using the Fitcamx mobile application for live view and settings.

6. MAINTENANCE

- **SD Card Maintenance:** It is recommended to format the MicroSD card regularly (e.g., once a month) through the Fitcamx app to ensure optimal performance and prevent data corruption.
- **Lens Cleaning:** Gently wipe the camera lens with a soft, lint-free cloth to remove dust or smudges that may affect video quality.
- **Temperature Considerations:** The dash cam is designed to operate within a temperature range of -20°C to 85°C (-

4°F to 185°F). While normal operation may cause the device to warm up, this is expected. Avoid prolonged exposure to extreme temperatures outside this range.

7. TROUBLESHOOTING

Frequently Asked Questions:

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

A: No. The dash cam will automatically turn on/off with your car engine. You don't need to connect with WiFi manually after the first use; the dash cam will automatically start recording when the car is started.

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

A: Please download the video to your phone in advance before the engine is off. The built-in WiFi is connected for a limited distance and will not be active when the car is off.

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

A: The WiFi can only be connected when the engine is on and the dash cam is working. If you cannot connect, ensure the dash cam is powered on. The app is designed for stable use. If issues persist, contact support with screenshots of your WiFi and app page.

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

A: This function depends on whether your car's power plug can supply electricity continuously, which is determined by the car manufacturer. If continuous power is available, parking mode will function. Otherwise, it will not. (Note: Parking mode does not record continuously 24/7; the dash cam will only start recording in case of a serious collision.)

Q: Why does the dash cam get hot?

A: It is normal for the Fitcamx dash camera to get warm. It can work normally at -20°C to 85°C (-4°F-185°F). The confined space around the camera and proximity to other original car parts, along with direct sunlight on the windshield, can cause high temperatures. This is within normal operating parameters.

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. You would need to replace the entire set if you wish to upgrade to a different video resolution or add a rear camera.

8. SPECIFICATIONS

Feature	Detail
Product Dimensions	12 x 9 x 4 inches
Item Weight	1.5 pounds
Item Model Number	HD2-6568
Batteries	1 Lithium Metal battery required (included)
Connectivity Technologies	Powerline, Wireless (for APP)
Special Features	FITCAMX APP, OEM Style
Color	Black
Manufacturer	Dongguan Daozhi Electronic Technology Co., Ltd
Vehicle Service Type	BMW X7 2023 2024 2025 2026 Xdrive40i M60i ALPINA XB7 (G07) 1st Gen
Video Capture Resolution	Front 2160P Only
Mounting Type	Ceiling

9. WARRANTY AND SUPPORT

FITCAMX is committed to providing reliable products and excellent customer service.

Technical Support:

We offer 24/7 technical support to assist you with any questions or issues you may encounter. Please refer to your product packaging or the official FITCAMX website for contact information.

Protection Plans:

Additional protection plans may be available for your product, offering extended coverage beyond the standard warranty. These plans typically include:

- 2-Year Protection Plan
- 3-Year Protection Plan
- Complete Protect (covers eligible past and future purchases)

For details on purchasing or activating these plans, please consult the retailer or the FITCAMX official channels.