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FITCAMX Toyota 4Runner-Y2022

FITCAMX 4K Dash Cam User Manual

Model: Toyota 4Runner-Y2022 | Compatible with Toyota 4Runner 2020-2024 (N280)

1. Introduction

The FITCAMX 4K Dash Cam is designed to integrate seamlessly into your Toyota 4Runner (2020-2024) with an OEM-style appearance. This dash cam records high-definition 2160P UHD video, features built-in Wi-Fi for app connectivity, a G-Sensor for incident detection, and loop recording functionality. It is specifically designed for models equipped with Toyota Safety Sense.



Image: The FITCAMX 4K Dash Cam seamlessly integrated into a Toyota 4Runner's interior, maintaining an original equipment manufacturer (OEM) look.

2. What's in the Box

Please verify that all the following components are included in your package:

- 1x FITCAMX 4K Dash Cam
- 1x Power Cable
- 1x User Manual
- 1x 64GB Memory Card (pre-installed or separate)
- 1x Removal Pry Tool

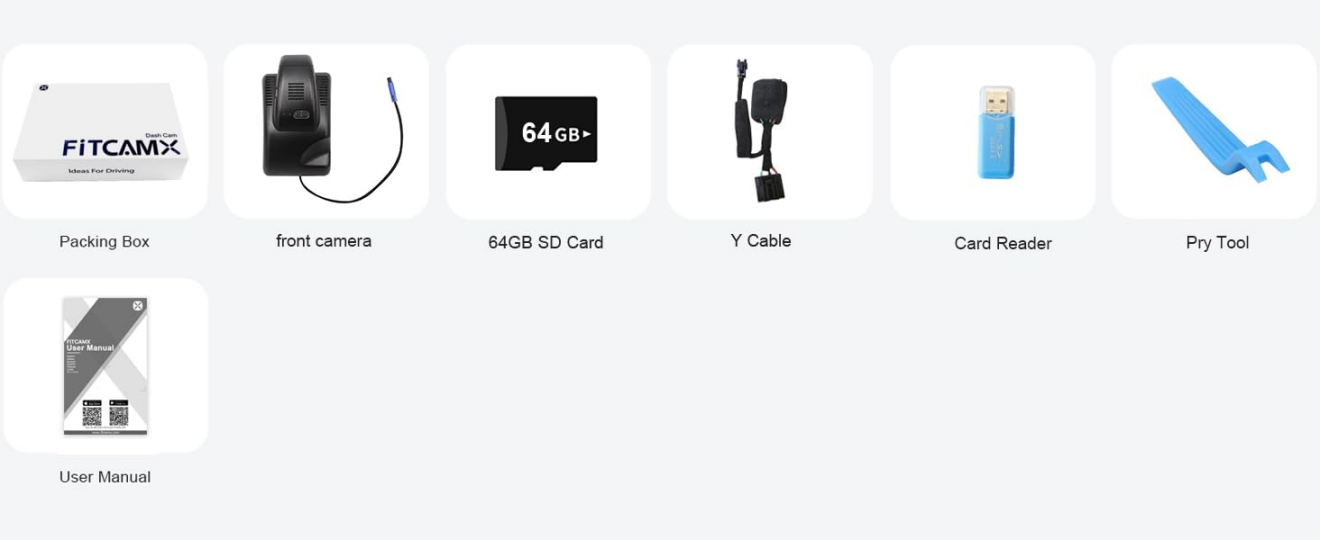


Image: A visual representation of the items included in the FITCAMX 4K Dash Cam package, such as the camera unit, cables, memory card, and tools.

3. Setup and Installation

3.1 Compatibility Check

This dash cam is compatible with Toyota 4Runner models from 2020-2024, including TRD Sport, TRD Off-road, and SR5 Premium. It is designed specifically for vehicles equipped with Toyota Safety Sense.

3.2 Physical Installation

The installation process is designed to be straightforward, requiring no wire trimming. Follow these steps for a clean, OEM-style integration:

1. Gently push the original car cover forward to detach it from its base.
2. Remove the original rear cover.
3. Locate and unclip the two small buckles, then carefully remove them from the dash camera area.
4. Pull out the existing plug as shown in the diagram.
5. Insert the dash camera's plug into the vehicle's connector.
6. Push the dash camera inward to secure it in place.
7. Reattach the rear cover of the dash cam.
8. Verify that the installation is complete and secure.



Image: A visual guide illustrating the eight steps for installing the FITCAMX Dash Cam, from removing the original cover to securing the new unit.

3.3 Video Installation Tutorial

Video: An official FITCAMX installation tutorial demonstrating the step-by-step process of setting up the dash cam in a vehicle.

3.4 App Installation and Wi-Fi Connection

Download the official FITCAMX app from the App Store (iOS) or Google Play Store (Android). Once installed, connect your smartphone to the dash cam's built-in Wi-Fi network to access live footage and recorded videos. For optimal performance and to avoid preview issues, it is recommended to temporarily turn off cellular data or Bluetooth on your phone when connecting to the dash cam's Wi-Fi.



Image: A smartphone screen displaying the FITCAMX app interface, showing live video feed from the dash cam with Wi-Fi connectivity indicators.

4. Operating Instructions

4.1 Automatic Recording

The dash cam automatically powers on and begins recording when your vehicle's engine starts. It will power off automatically when the engine is turned off.

4.2 Loop Recording

The dash cam utilizes seamless loop recording. When the included 64GB memory card (or an upgraded card up to 256GB) reaches its full capacity, the oldest unlocked footage will be automatically overwritten by new recordings. You can typically adjust loop recording segment lengths (e.g., 1, 3, or 5 minutes) within the FITCAMX app settings.

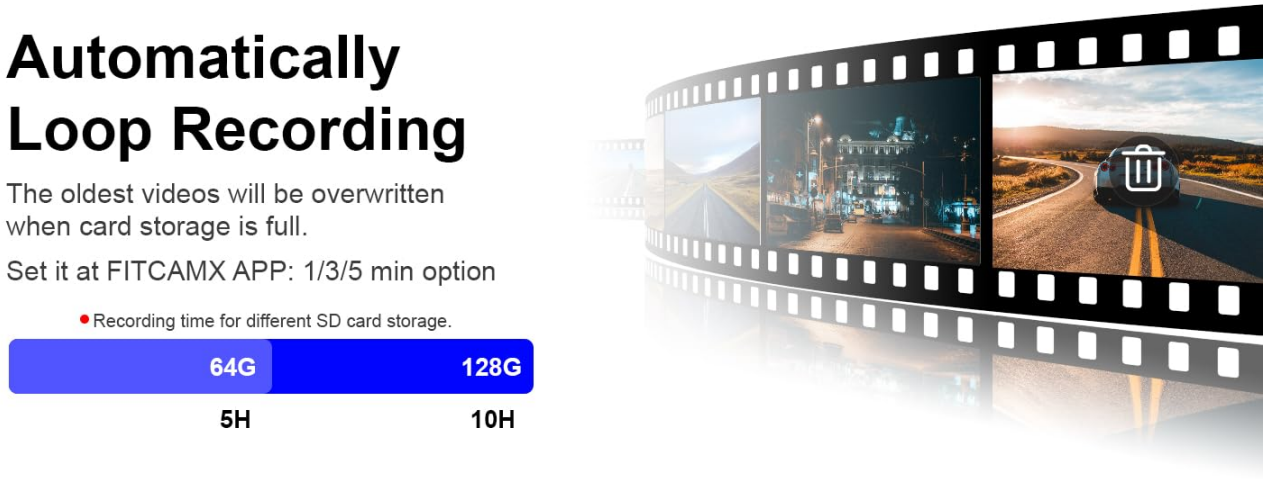


Image: A graphic depicting the loop recording process, where older video files are automatically replaced by new ones once the memory card is full.

4.3 G-Sensor (Emergency Recording)

The built-in G-Sensor detects sudden impacts or collisions. In the event of such an incident, the dash cam will automatically initiate emergency recording, saving and locking the current video segment to a separate folder. This prevents the footage from being overwritten by loop recording, ensuring critical evidence is preserved. Note that this model does not include a parking mode feature by default.



Image: A visual representation of the G-Sensor feature, showing a lock icon over a car collision scene, indicating automatic file protection.

4.4 Video Quality and Night Vision

The dash cam records in 4K (2160P) at 30 frames per second, utilizing an f/1.6 aperture lens and a high-sensitivity CMOS sensor for detailed video capture. Wide Dynamic Range (WDR) technology enhances night vision by automatically balancing exposure in low-light conditions, providing clear footage even at night.



Image: A night scene captured by the dash cam, demonstrating its ability to record clear video in low-light conditions.

5. Maintenance

5.1 Cleaning

To maintain optimal video quality, regularly clean the dash cam's lens with a soft, lint-free cloth. Avoid using abrasive cleaners or solvents that could damage the lens or casing.

5.2 Temperature Considerations

The FITCAMX dash cam is constructed from durable ABS+PC material, designed to withstand temperatures ranging from -20°C to 85°C (-4°F to 185°F). Ensure the device operates within this range for longevity.

5.3 Memory Card Care

Periodically format the memory card (at least once a month) through the dash cam's app settings to ensure stable performance and prevent data corruption. Use only high-quality, high-speed MicroSD cards (Class 10 or higher) for reliable recording.

6. Troubleshooting

Here are solutions to common issues you might encounter:

- **Dash Cam Not Powering On:** Ensure the power cable is securely connected to both the dash cam and the vehicle's power source. Check the vehicle's fuse if necessary.
- **Wi-Fi Connection Issues:** If you experience difficulty connecting to the dash cam's Wi-Fi or previewing videos, try turning off your phone's cellular data and Bluetooth temporarily. The dash cam's Wi-Fi is not designed for remote access; it's for local connection to your phone.
- **Video Playback Problems:** Ensure your memory card is properly inserted and formatted. If issues persist, try formatting the card again or using a different compatible memory card.
- **"Do I need to connect camera's WiFi every time?"**No. The dash cam will automatically turn on/off with your car engine. You only need to connect to its Wi-Fi when you want to view or download footage via the app.
- **"Can I view video after off the car or remotely?"**No, not directly from the camera. You can only view videos that have been downloaded to your phone in advance. The camera's Wi-Fi is not for remote access, and videos are stored on the MicroSD card, not your phone, unless downloaded.
- **"Can I use CarPlay/Bluetooth when driving?"** Yes. Your phone cannot be connected to both CarPlay/Bluetooth and the dash cam's Wi-Fi simultaneously. However, the camera records automatically when the car starts, so you

do not need to maintain a Wi-Fi connection to the camera at all times for recording to occur.

6.1 Parking Mode Upgrade

This dash cam does not include parking mode by default. To enable parking monitoring, an additional fuse box cable or On-Board Diagnostics (OBD) cable is required. These accessories are sold separately. Search for ASIN: B09PQ9KDYX for the fuse box cable.



Image: Two types of cables for upgrading the dash cam with parking mode: one for the fuse box (non-24h recording) and one for On-Board Diagnostics (24h and non-24h recording).

7. Specifications

Feature	Detail
Brand	FITCAMX
Model Name	Fitcamx 4K Dash Cam
Vehicle Service Type	Toyota 4Runner 2020-2024
Connectivity Technology	Powerline, Built-In WiFi
Special Feature	Built-In WiFi, FITCAMX APP, G-Sensor, Loop Recording
Video Capture Resolution	4K Front (2160P)
Included Components	1* 4K Dash Cam, Cable, User Manual, 64GB Memory Card, Removal pry tool
Mounting Type	Ceiling (OEM style integration)
Color	Black
Field Of View	170 degrees
Control Method	App
Optical Sensor Technology	CMOS
Flash Memory Type	SD

Maximum Aperture	f/1.6
Supported Standards	4K UHD, H.264/H.265
Frame Rate	30fps
Included Memory Card Size	64 GB
Flash Memory Supported Size Maximum	256 GB
Operating Temperature	-20°C to 85°C (-4°F to 185°F)

8. Warranty and Support

FITCAMX is committed to providing reliable products and customer satisfaction. While specific warranty details may vary, we offer prompt technical support to address any issues or questions you may have regarding your dash cam.

If you encounter any problems during installation or operation, or have any inquiries, please do not hesitate to reach out to our customer support team. Contact information can typically be found on the FITCAMX official website or through your purchase platform.

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