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REDTIGER F17

REDTIGER F17 3-Channel 4K Dash Cam User Manual

Model: F17-N

1. Introduction

Welcome to your REDTIGER F17 3-Channel 4K Dash Cam. This manual provides detailed instructions for the proper installation, operation, and maintenance of your device. The REDTIGER F17 is designed to enhance your driving safety with its advanced features, including 4K front recording, 1080P cabin and rear recording, the STARVIS 2 IMX675 sensor for superior low-light performance, 5.8GHz WiFi for fast data transfer, and built-in GPS for accurate route tracking.



Figure 1: The REDTIGER F17 dash cam, showcasing its compact design and front camera lens.

2. What's in the Box

Please check the package contents upon unboxing. If any items are missing or damaged, please contact customer support.

- 1 x F17 4K Dash Cam (Main Unit)
- 1 x 1080P Rear Camera
- 1 x Adhesive Mount with Built-in GPS
- 1 x 11.5ft Power Supply Cable with Car Charger
- 1 x 21.3ft Rear Camera Cable
- 5 x Cable Clips
- 1 x Car Wire Trim Tool
- 1 x Adhesive Pad
- 1 x Electrostatic Sticker

- 1 x User Manual

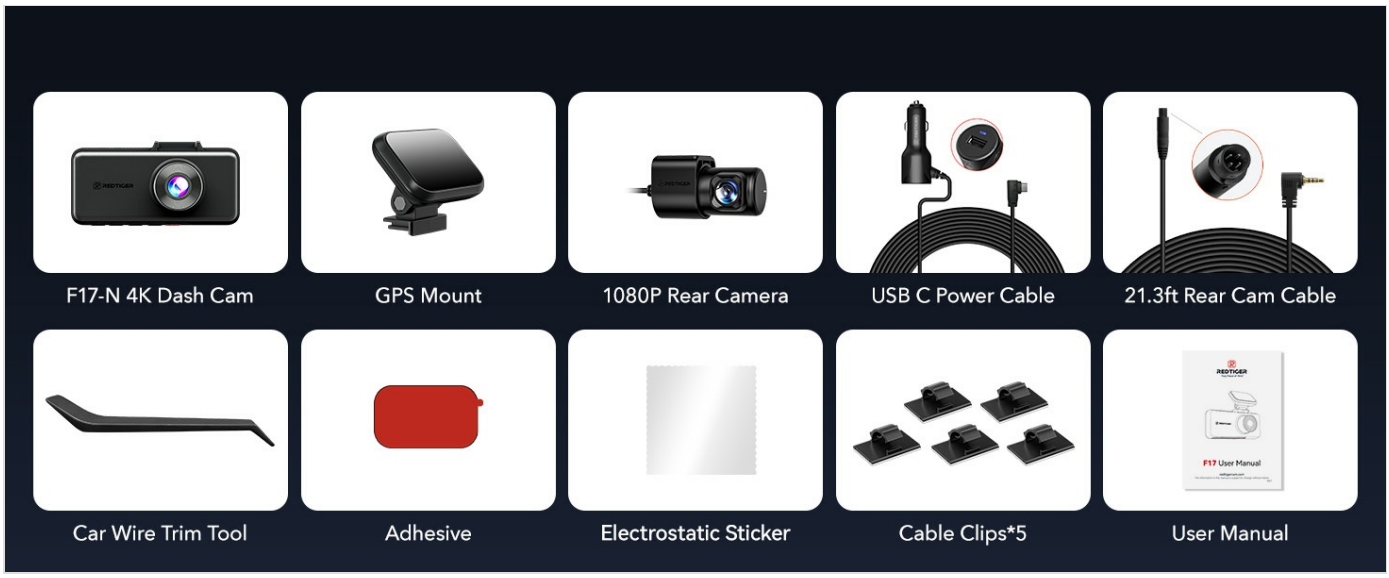


Figure 2: An illustration showing all components included in the REDTIGER F17 dash cam package.

3. Product Features

- **Triple Channel Recording:** Simultaneously records 4K (2160P) front, 1080P cabin, and 1080P rear video for comprehensive coverage.
- **STARVIS 2 IMX675 Sensor:** Equipped with an advanced sensor and WDR/HDR technology for superior low-light clarity and reduced image noise.
- **5.8GHz Dual-Band WiFi:** Provides up to 4x faster video transfers to your smartphone via the REDTIGER app.
- **Built-in GPS:** Records real-time driving speed and route data, providing crucial evidence.
- **Flexible Dual Recording Modes:** Switch between triple-channel recording or 4K front + 1080P rear mode by disabling the interior camera.
- **24H Smart Parking Monitor:** Offers time-lapse recording or G-sensor collision detection (requires optional hardwire kit, ASIN: B09WCTZ3Y8).
- **Heat-Resistant Super Capacitor:** Ensures stable performance and durability in extreme temperatures, replacing traditional batteries.
- **Loop Recording & G-Sensor:** Continuous recording with automatic locking of footage upon impact.
- **Privacy Modes:** Easily disable GPS, voice recording, or the cabin camera as needed.



Figure 3: A visual representation of the REDTIGER F17's triple-channel recording capability.



Figure 4: An image highlighting the advanced Sony STARVIS 2 IMX675 sensor for clearer night footage.



Figure 5: An illustration showing the super capacitor technology for heat resistance and stable performance.

4. Setup and Installation

4.1. MicroSD Card Insertion

1. Ensure the dash cam is powered off.
2. Insert a high-speed (U3/V30 or higher) microSD card (up to 512GB, not included) into the card slot until it clicks.
3. To remove, gently push the card in until it springs out.

4.2. Mounting the Front Camera

1. Clean the windshield area where you intend to mount the dash cam.
2. Attach the electrostatic sticker to the windshield first, then attach the adhesive mount to the sticker. This allows for easier removal without residue.
3. Ensure the camera is positioned to capture a clear view of the road without obstructing your driving vision.

4.3. Installing the Rear Camera

1. Mount the rear camera on the rear windshield, ideally above the license plate or at the top center of the glass.

2. Route the rear camera cable neatly along the vehicle's headliner and A-pillars to the main dash cam unit. Use the provided cable clips and trim tool.
3. Connect the rear camera cable to the designated port on the main dash cam.

4.4. Power Connection

1. Connect the car charger to your vehicle's cigarette lighter socket.
2. Connect the USB-C end of the power cable to the main dash cam unit.
3. Route the power cable neatly to avoid interference with driving controls.



Figure 6: A diagram illustrating the simple installation process for the REDTIGER F17 dash cam.

5. Operating Instructions

5.1. Power On/Off

The dash cam will automatically power on and begin recording when your vehicle's ignition is turned on. It will power off automatically when the ignition is turned off.

5.2. Recording Modes

- **Loop Recording:** The dash cam continuously records video in short segments (e.g., 1, 3, or 5 minutes). When the microSD card is full, the oldest unlocked files are overwritten.
- **Emergency Recording (G-Sensor):** In the event of a sudden impact or collision, the built-in G-sensor will detect the event and automatically lock the current video segment, preventing it from being overwritten.

5.3. Menu Navigation

Use the physical buttons on the dash cam to navigate through the menu options. Refer to the on-screen icons for specific functions like playback, settings, and mode switching.

5.4. Audio Recording

The dash cam records audio by default. You can enable or disable audio recording through the settings menu.

5.5. Privacy Modes

The REDTIGER F17 allows you to disable certain features for privacy:

- Disable GPS data recording.
- Turn off voice recording.

- Disable the cabin (interior) camera.

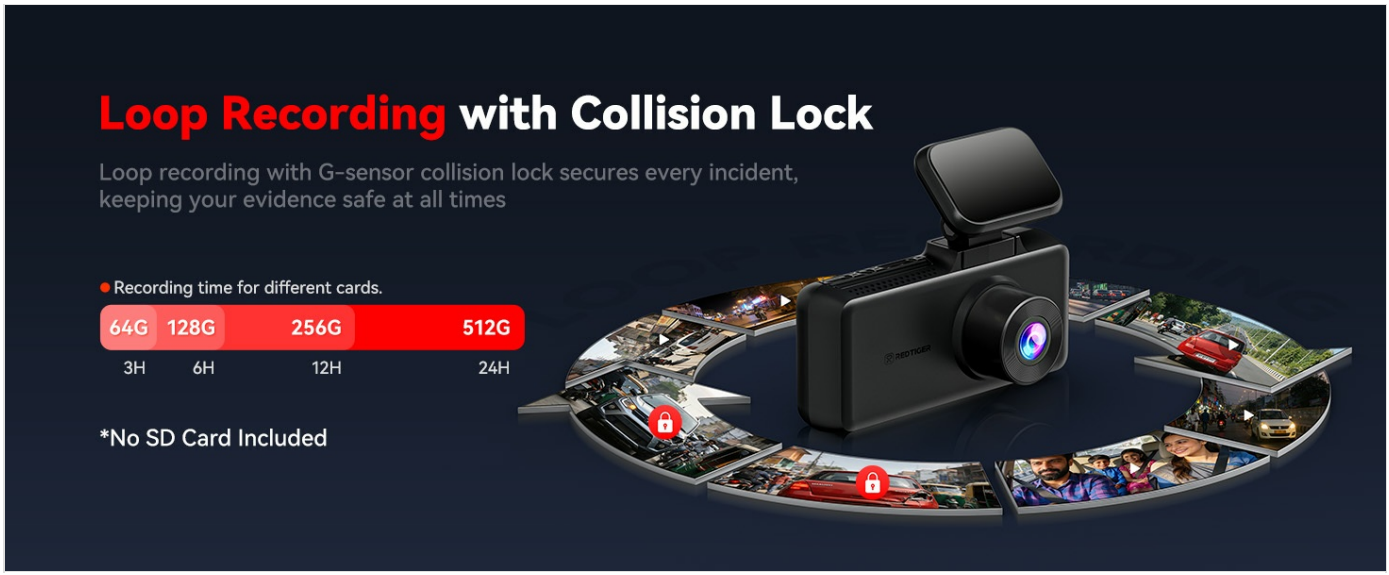


Figure 7: A visual explaining the loop recording feature and the G-sensor collision lock.

6. Parking Monitor

The 24-hour parking monitor feature provides surveillance for your vehicle when it's parked. This feature requires a hardwire kit (ASIN: B09WCTZ3Y8, sold separately) for continuous power.

- **G-Sensor Collision Detection:** If an impact is detected while parked, the dash cam will automatically power on and record a short video segment, then power off.
- **Time-Lapse Recording:** The dash cam records continuously at a low frame rate (e.g., 1 frame per second) to save storage space and provide a condensed overview of events while parked.

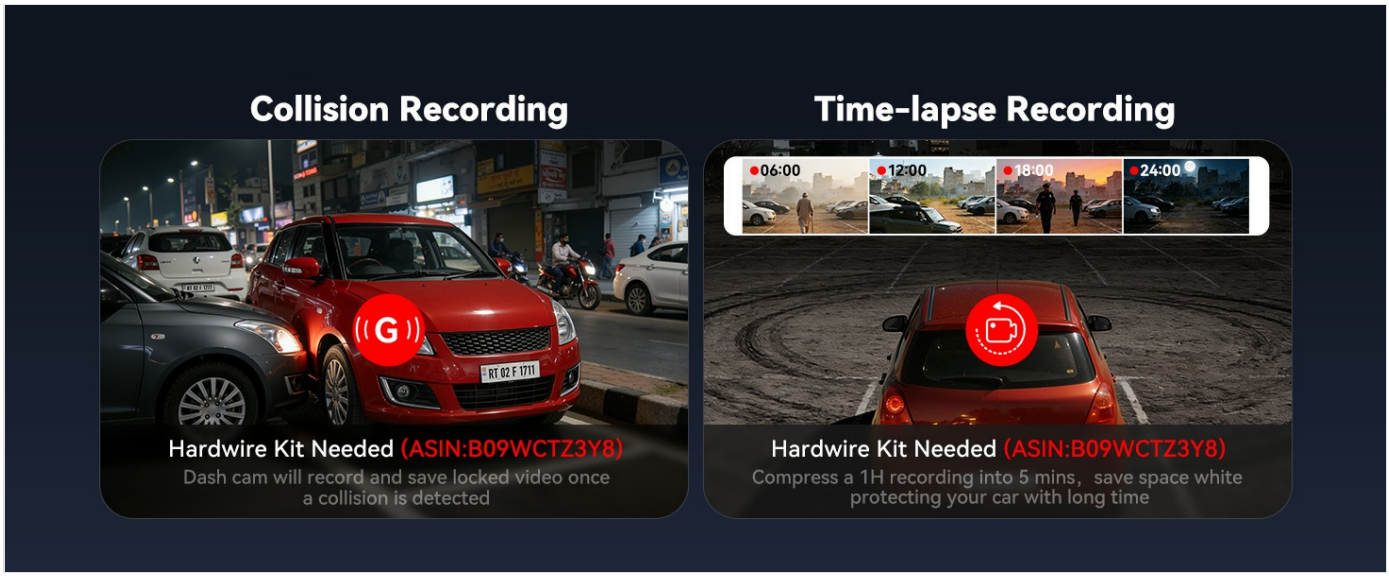


Figure 8: An image detailing the 24-hour parking monitoring features.

7. Wi-Fi and GPS Functionality

7.1. Wi-Fi Connectivity

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