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› [REDTIGER F7NP 4K Dash Cam User Manual](#)

REDTIGER F7NP

REDTIGER F7NP 4K Dash Cam User Manual

Model: F7NP

1. INTRODUCTION

Thank you for choosing the REDTIGER F7NP 4K Dash Cam. This advanced dual dash camera system is designed to provide comprehensive video recording of your journeys, enhancing safety and providing crucial evidence in case of incidents. Featuring Ultra HD 4K front recording, Full HD 1080P rear recording, Wi-Fi connectivity, built-in GPS, and a hardwire kit for 24-hour parking monitoring, the F7NP offers reliable performance and ease of use. Please read this manual thoroughly before operation to ensure proper installation and functionality.



Figure 1: REDTIGER F7NP 4K Dash Cam and included accessories. This image displays the main dash camera unit, a rear camera, a 32GB SD card, a hardwire kit, and a smartphone screen showing the dash cam's app interface with GPS tracking and speed display.

2. What's in the Box

Upon unboxing your REDTIGER F7NP Dash Cam, please verify that all the following components are present:

- REDTIGER F7NP Front Dash Camera
- Rear Camera (with connecting cable)
- Hardwire Kit (for 24H Parking Monitor)
- GPS Module (often integrated, or external depending on model variant)
- Car Charger Power Cable
- Mounting Bracket (e.g., adhesive mount or suction cup mount)
- User Manual (this document)
- Trim Tool (may be included for cable routing)
- Micro SD Card (often included, check packaging for capacity)

Easy Access Easy Operation



View



Replay



Share



Download



Figure 2: The included hardwire kit, essential for enabling the 24-hour parking monitoring feature. It consists of a long cable with a power module and fuse taps for connection to the vehicle's fuse box.

3. KEY FEATURES

- **4K+1080P Dual Recording:** The F7NP records video up to Ultra HD 4K (3840*2160P) for the front camera and Full HD 1080P for the rear camera. This high resolution ensures clear capture of details such as road signs and license plates.



Figure 3: Visual representation of the 4K front and 1080P rear recording clarity, highlighting the ability to capture fine details like license plates.

- **Wide-Angle Coverage:** The front camera offers a 170° wide-angle view, and the rear camera provides a 140° wide-angle view, minimizing blind spots and ensuring comprehensive coverage of the road.

4K Clear See the Unseen



Figure 4: Diagram illustrating the wide field of view provided by the front (170°) and rear (140°) cameras, showing how they cover a broad area around the vehicle. The rear camera also features a 360° adjustable angle.

- **Wi-Fi / Smart App Control:** Connect the dash camera to your smartphone via the [Redtiger] app (available for iOS and Android devices). This allows you to view live footage, playback recorded videos, manage settings, download clips, and share your travel moments.

Record Expansively Along the Road

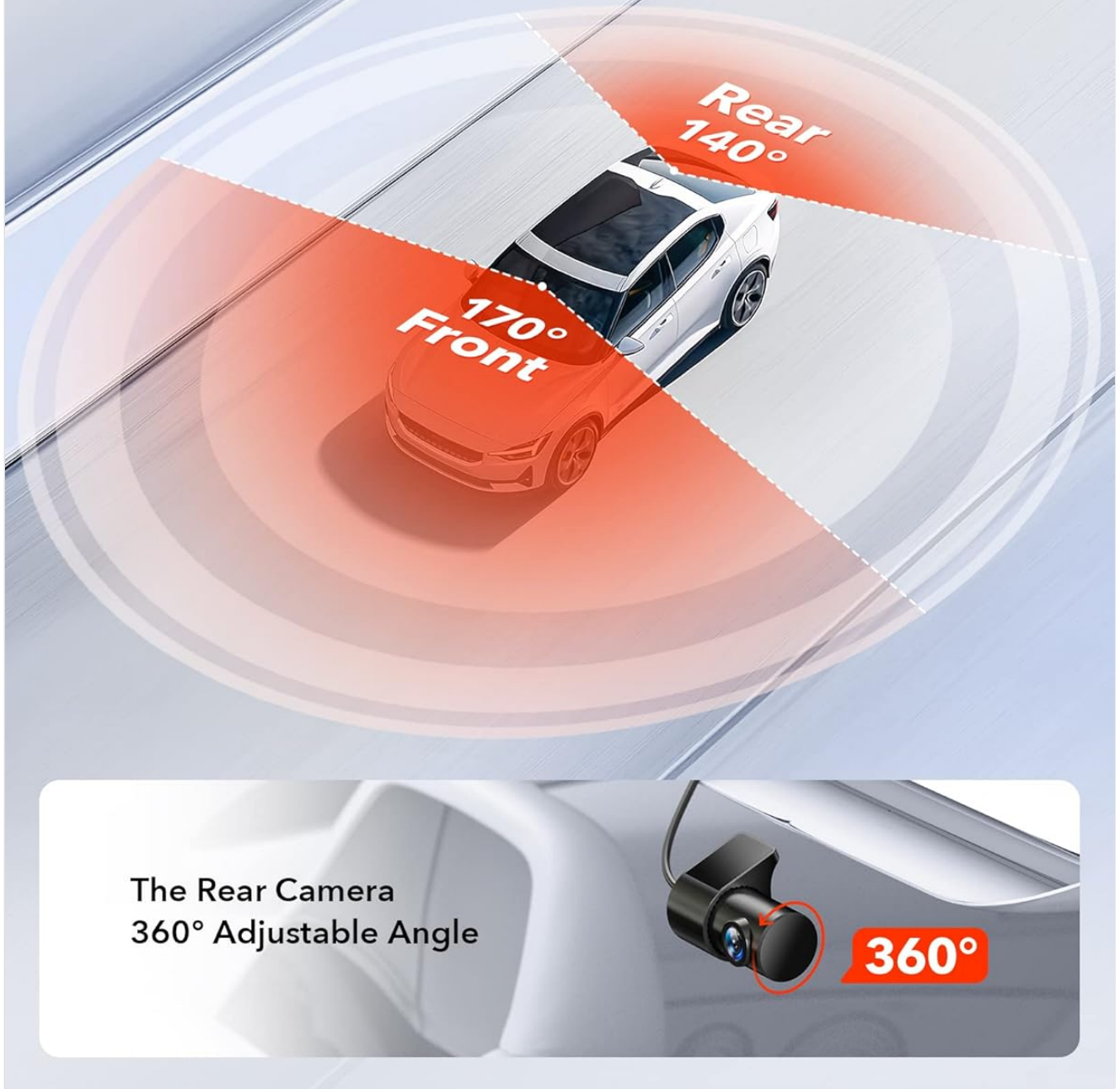


Figure 5: The smartphone app interface, demonstrating its capabilities for easy access and operation, including options to view, replay, share, and download video footage directly to your mobile device.

- **Built-in GPS:** The integrated GPS module records your driving route, real-time speed, and location data. This information can be viewed on Google Maps via the app or with the dedicated GPSPPlayer software for Windows and Mac, providing additional evidence in case of an accident.
- **Reliable Accident Recording Features:**
 - *Loop Recording:* Ensures continuous recording by overwriting the oldest unlocked files when the SD card is full.
 - *G-sensor (Emergency Lock):* Automatically detects sudden collisions or impacts and locks the current video

segment to prevent it from being overwritten, securing critical accident footage.

- *24H Parking Monitor:* With the hardwire kit installed, the dash cam can continuously record in Timelapse mode or activate G-sensor triggered recording when parked, protecting your vehicle even when you're away.

4. SETUP AND INSTALLATION

Proper installation is crucial for the optimal performance of your REDTIGER F7NP Dash Cam. It is recommended to have the hardwire kit installed by a professional if you are not familiar with vehicle electrical systems.

4.1 Front Camera Installation

1. Clean the windshield area where you intend to mount the dash cam. Ensure it is free of dust and grease.
2. Attach the mounting bracket to the dash cam.
3. Peel off the protective film from the adhesive pad on the mount and firmly press it onto the chosen spot on your windshield, ideally behind the rearview mirror for an unobstructed view. Hold for 30 seconds.
4. Route the power cable along the edge of the windshield, down the A-pillar, and towards your vehicle's power source (cigarette lighter socket or fuse box for hardwire kit). Use the included trim tool to tuck the cable neatly under the trim.

4.2 Rear Camera Installation

1. Determine the best location for the rear camera, typically on the rear windshield. Ensure it has a clear view and does not obstruct the driver's vision.
2. Clean the chosen area on the rear windshield.
3. Attach the rear camera with its adhesive pad.
4. Route the rear camera cable from the rear windshield to the front dash cam. This usually involves running the cable along the headliner, down the C-pillar, and then along the floor or door sills to the front. Be mindful of side airbags and route cables behind them.
5. Connect the rear camera cable to the designated port on the front dash cam.

4.3 Hardwire Kit Connection (for 24H Parking Monitor)

The hardwire kit enables the 24-hour parking monitoring feature. Ensure your dash cam has a Type-C power input for compatibility with the provided hardwire kit.

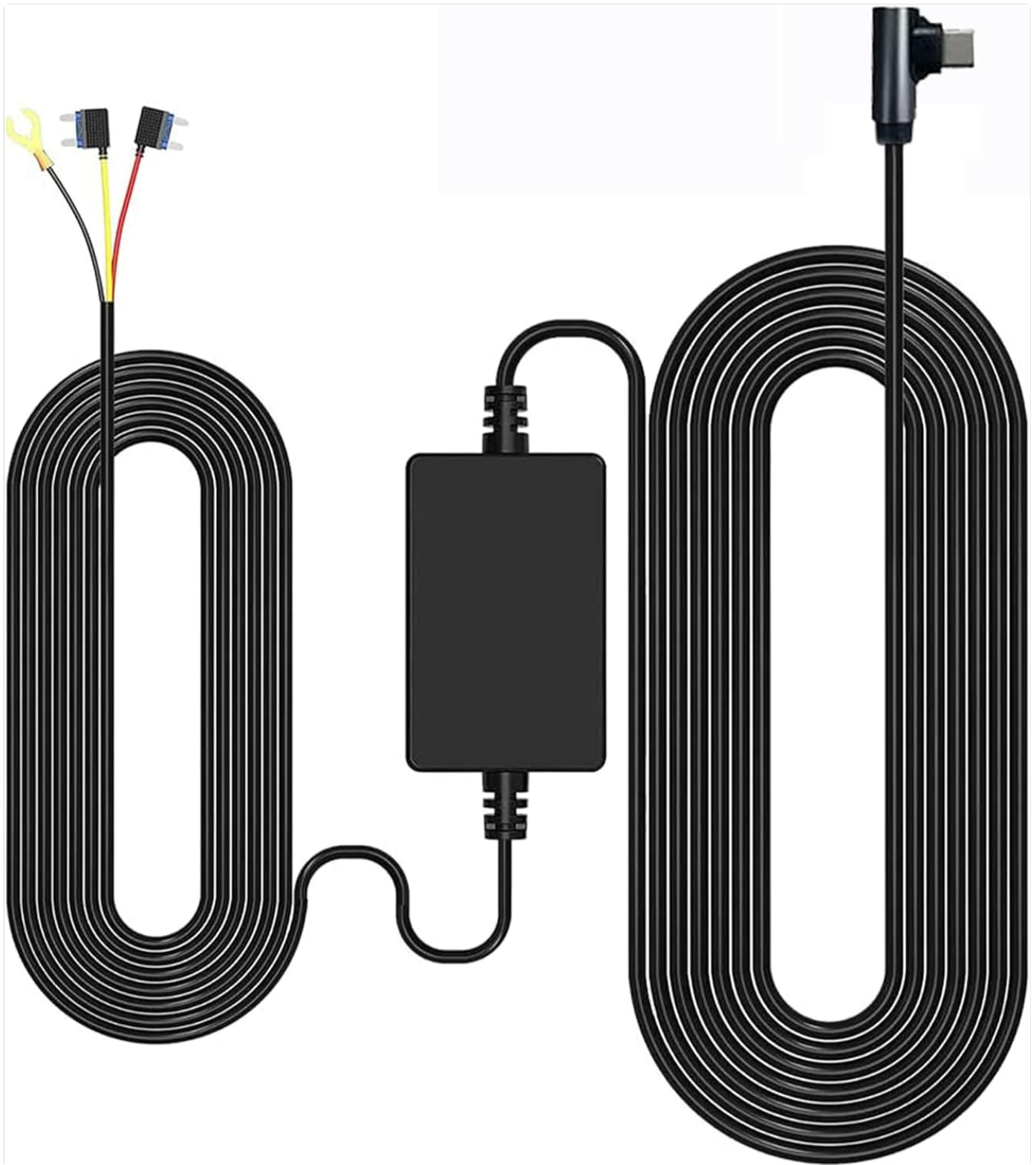


Figure 6: Illustration showing the Type-C input port on the REDTIGER F7NP dash cam and the corresponding Type-C connector on the hardwire kit, emphasizing compatibility.

Important Safety Precaution: Before connecting the hardwire kit, ensure the vehicle's engine is off and disconnect the negative terminal of the battery to prevent short circuits.

1. **Identify Fuse Box:** Locate your vehicle's fuse box (refer to your vehicle's owner's manual).
2. **Connect ACC (Red) Wire:** Connect the red ACC wire of the hardwire kit to a fuse that is only powered when the ignition is on (e.g., radio, cigarette lighter). Use an add-a-fuse tap if necessary.
3. **Connect BATT (Yellow) Wire:** Connect the yellow BATT wire to a fuse that has constant power even when the ignition is off (e.g., hazard lights, dome light).
4. **Connect Earth (Black) Wire:** Connect the black earth wire to a metal part of the vehicle's chassis or a suitable ground point near the fuse box.

- ## Please Make Sure Your Equipment is Type-C





Figure 7: Detailed wiring diagram for connecting the hardwire kit to your vehicle's fuse box. It shows connections for ACC (red), BATT (yellow), and Earth (black) wires, and the Type-C connection to the drive recorder.

5. OPERATING INSTRUCTIONS

5.1 Basic Operation

- **Power On/Off:** The dash cam will automatically power on and begin recording when your vehicle's ignition is turned on (or when power is supplied via the hardwire kit). It will power off automatically when the ignition is turned off.
- **Recording:** Once powered on, the dash cam will automatically start loop recording. A recording indicator (e.g., flashing red light or icon on screen) will confirm recording is active.
- **Emergency Lock:** In case of a sudden impact or collision, the built-in G-sensor will automatically trigger and lock the current video file, preventing it from being overwritten. You can also manually lock a video by pressing the designated emergency button (refer to your device's physical button layout).

5.2 Wi-Fi and App Control

1. **Download App:** Search for "Redtiger" in your smartphone's app store (iOS App Store or Google Play Store) and install the application.
2. **Enable Wi-Fi on Dash Cam:** On the dash cam, navigate to the settings menu and enable Wi-Fi. The dash cam will display its Wi-Fi network name (SSID) and password.
3. **Connect Smartphone:** On your smartphone, go to Wi-Fi settings, find the dash cam's SSID, and connect using the provided password.
4. **Open Redtiger App:** Launch the Redtiger app. You should now be able to see the live view from the dash cam, access recorded videos, and adjust settings.
5. **View/Download/Share:** Use the app to browse recorded footage, select clips for download to your phone, and share them directly to social media or other platforms.

5.3 GPS Functionality

The built-in GPS module automatically records your vehicle's speed, coordinates, and driving route. This data is embedded in the video files.

- **Viewing GPS Data:**
 - *Via App:* When playing back videos through the Redtiger app, the GPS data (speed, location on map) will be displayed alongside the video.
 - *Via PC Player:* For more detailed analysis, download and install the dedicated GPSPlayer software (available on the REDTIGER official website) on your Windows or Mac computer. Insert the SD card into your computer, open the video files with the GPSPlayer, and view the synchronized video, speed, and route on Google Maps.

5.4 24-Hour Parking Monitor

With the hardwire kit correctly installed, the dash cam provides continuous surveillance even when your vehicle is parked.

Wire Connection



Before connecting the hardwire kit, please make sure that the engine is off. And then disconnect the negative terminal of the warning battery to prevent a short circuit accident.

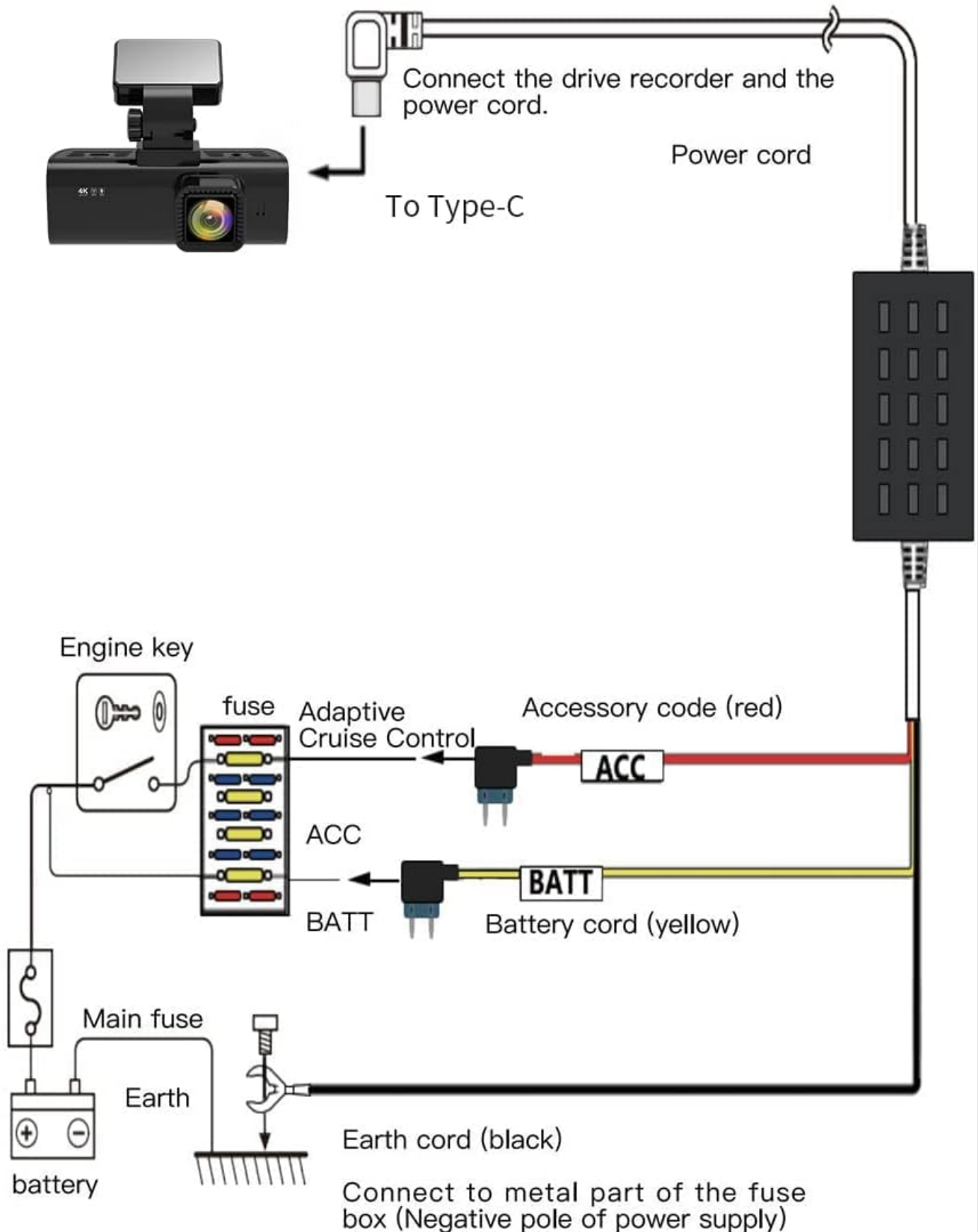


Figure 8: Visual representation of the 24-hour parking monitor feature, depicting a vehicle under continuous surveillance in a parking environment.

- **Timelapse Recording:** The dash cam will record continuously at a low frame rate (e.g., 1 frame per second) to save storage space while capturing extended periods.
- **G-sensor Triggered Recording:** If an impact is detected while parked, the dash cam will wake up and record a short video clip, which will be locked to prevent overwriting.
- **Low Voltage Protection:** The hardwire kit includes low voltage protection to prevent draining your vehicle's battery. The dash cam will automatically shut down if the vehicle battery voltage drops below a set threshold.

6. MAINTENANCE

- **SD Card Formatting:** It is recommended to format the Micro SD card regularly (e.g., once a month) within the dash cam's settings. This helps maintain optimal recording performance and prevents data corruption. *Note: Formatting will erase all data on the card, so back up any important videos first.*
- **Lens Cleaning:** Periodically clean the camera lenses with a soft, lint-free cloth to ensure clear video quality. Avoid abrasive materials or harsh chemicals.
- **Firmware Updates:** Check the REDTIGER official website periodically for firmware updates. Updating the firmware can improve performance, add new features, or fix bugs. Follow the instructions provided with the firmware update carefully.
- **Temperature Considerations:** Avoid exposing the dash cam to extreme temperatures for prolonged periods. While designed for automotive use, prolonged exposure to direct sunlight in a parked car on a hot day can affect its lifespan.

7. TROUBLESHOOTING

If you encounter issues with your REDTIGER F7NP Dash Cam, please refer to the following common problems and solutions:

Problem	Possible Cause / Solution
Dash cam does not power on.	<ul style="list-style-type: none"> • Check power connection: Ensure the power cable is securely plugged into the dash cam and the vehicle's power source. • Check vehicle's power source: Verify the cigarette lighter socket or fuse box connection is active. • If using hardwire kit, check fuse connections and ensure vehicle battery is not too low.
"SD Card Error" or recording stops.	<ul style="list-style-type: none"> • Format the SD card: Format the Micro SD card within the dash cam's settings. • Use a high-quality, genuine Micro SD card (Class 10 or U3 recommended). • Replace the SD card if the issue persists, as it may be faulty.
Wi-Fi connection issues.	<ul style="list-style-type: none"> • Ensure Wi-Fi is enabled on the dash cam. • Verify you are connecting to the correct Wi-Fi network (SSID) and entering the correct password. • Move your smartphone closer to the dash cam. • Restart both the dash cam and your smartphone.

Problem	Possible Cause / Solution
GPS not recording or inaccurate.	<ul style="list-style-type: none">• Ensure the dash cam has a clear view of the sky (not obstructed by metallic tint or other objects).• Allow sufficient time for the GPS to acquire a signal after powering on.• Verify GPS function is enabled in the dash cam settings.
Video quality is poor or blurry.	<ul style="list-style-type: none">• Clean the camera lenses with a soft cloth.• Ensure the protective film has been removed from the lens.• Check windshield cleanliness in front of the camera.

8. SPECIFICATIONS

Feature	Detail
Model Name	F7NP
Brand	REDTIGER
Video Capture Resolution	Front: 4K (3840*2160P), Rear: 1080P
Front Field of View	170 Degrees
Rear Field of View	140 Degrees
Connectivity Technology	Wi-Fi
Control Method	App
Mounting Type	Windshield Mount
Included Components	Hardwire Kit
Optical Sensor Technology	CMOS
Vehicle Service Type	Car

9. WARRANTY AND SUPPORT




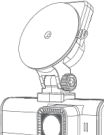


The REDTIGER F7NP Dash Cam is backed by a full **1-YEAR WARRANTY** from the date of purchase. This warranty covers manufacturing defects and ensures your satisfaction with the product.

For any questions, concerns, or technical assistance, please do not hesitate to contact our customer service team. We offer **7*24 hours technical support** to assist you.

Please refer to the contact information provided on the product packaging or the official REDTIGER website for the most up-to-date support channels.



Related Documents - F7NP

<p>Customizing Your F7NP</p>  <p>18</p>	<p>Redtiger F7NP Dash Cam User Manual and Features</p> <p>A comprehensive guide to the Redtiger F7NP dash cam, covering setup, parking mode, app connectivity, player software, maintenance, troubleshooting, and product specifications. Learn how to customize settings, install the hardwire kit, use the Redtiger app and player, and resolve common issues.</p>
<p>REDTIGER CAM 5000</p>  <p>F7NP User Manual</p> <p>redtiger.com</p> <p><small>Transformation in this manual subject to change without notice</small></p>	<p>REDTIGER F7NP Dash Cam User Manual</p> <p>Comprehensive user manual for the REDTIGER F7NP Dash Cam, covering installation, features, functions, app connectivity, playback, and troubleshooting.</p>
<p>REDTIGER CAM 5000</p>  <p>F7NP User Manual</p> <p>redtiger.com</p> <p><small>Transformation in this manual subject to change without notice</small></p>	<p>REDTIGER F7NP 4K Dash Cam User Manual</p> <p>Comprehensive user manual for the REDTIGER F7NP 4K Dash Cam. This guide covers product specifications, installation, operation, features, app connectivity, and troubleshooting steps.</p>
<p>REDTIGER CAM 5000</p>  <p>F7NP USER MANUAL</p> <p>Email: help@redtiger.com Website: http://www.redtiger.com Phone: +1 888 810 8123 (US)</p>	<p>Redtiger F7NP Dash Cam User Manual: Installation, Setup, and Support</p> <p>Explore the Redtiger F7NP 4K dash cam user manual. Find detailed guides on installation, features, app connectivity, troubleshooting, and customer support from Redtiger.</p>
<p>REDTIGER CAM 5000</p>  <p>F7NX User Manual</p> <p>redtiger.com</p> <p><small>Transformation in this manual subject to change without notice</small></p>	<p>RedTiger F7NX Dash Cam User Manual - Installation, Features, and Troubleshooting</p> <p>Comprehensive user manual for the RedTiger F7NX dash cam. Learn about installation, features like Wi-Fi and voice control, troubleshooting common issues, and product specifications. Get support and contact information.</p>
<p>REDTIGER CAM 5000</p>  <p>F7NP User Manual</p> <p>redtiger.com</p> <p><small>Transformation in this manual subject to change without notice</small></p>	<p>RedTiger F7NP Dash Cam User Manual</p> <p>Comprehensive user manual for the RedTiger F7NP 4K Dash Cam, covering installation, features, troubleshooting, and app connectivity.</p>

