

REDTIGER F7NP

REDTIGER F7NP Dash Cam User Manual

Model: F7NP

1. INTRODUCTION

Thank you for choosing the REDTIGER F7NP Dash Cam. This manual provides detailed instructions for the installation, operation, and maintenance of your device. The F7NP dash cam offers 4K front and 1080P rear recording, featuring a STARVIS 2 sensor, built-in GPS, 5.8GHz WiFi, and various parking modes for comprehensive vehicle surveillance.

2. PACKAGE CONTENTS

Please verify that all items are present in your package:

- REDTIGER F7NP Front Dash Cam
- Rear Camera
- CPL (Circular Polarizing Lens) Filter
- Suction Cup Mount
- Car Charger Power Cable
- Rear Camera Cable
- Memory Card (pre-installed or included separately)
- User Manual

3. PRODUCT OVERVIEW

The REDTIGER F7NP dash cam system includes a front camera unit, a rear camera, and a CPL filter. The front unit features a display screen, control buttons, lens, and ports for power, rear camera, and

memory card.



Figure 3.1: Overview of the REDTIGER F7NP Dash Cam and its accessories.



Figure 3.2: Front and rear camera units with their recording resolutions.

4. INSTALLATION

4.1 Front Camera Installation

1. Clean the windshield area where the dash cam will be mounted.
2. Attach the suction cup mount to the front camera.
3. Press the suction cup firmly onto the windshield, ideally behind the rearview mirror, ensuring it does not obstruct your view.

4. Adjust the camera angle to capture the road ahead clearly.

4.2 Rear Camera Installation

1. Identify a suitable location on your rear windshield for the rear camera.
2. Clean the chosen area thoroughly.
3. Attach the rear camera using its adhesive pad.
4. Route the rear camera cable discreetly along the vehicle's headliner and pillars to the front camera unit.
5. Connect the rear camera cable to the designated port on the front dash cam.



Figure 4.1: Front and rear camera installation guide.

4.3 Power Connection

1. Insert the included memory card into the dash cam's memory card slot.
2. Connect the car charger power cable to the dash cam's power input port.
3. Plug the other end of the car charger into your vehicle's 12V power outlet (cigarette lighter socket).
4. Route the power cable neatly to avoid interference with driving.

4.4 CPL Filter Installation

The CPL filter helps reduce reflections and glare from the windshield and road surface, improving video clarity.

1. Gently attach the CPL filter to the front lens of the dash cam.
2. Rotate the CPL filter while observing the live view on the dash cam screen or app to find the optimal position for reflection reduction.

REDUCE REFLECTIONS



Figure 4.2: Effect of the CPL filter on reducing reflections.

Protect camera from destroying&Interference



Figure 4.3: CPL filter attached to the dash cam lens.

5. SETUP

5.1 Initial Configuration

Upon first power-on, the dash cam may prompt you to set the language, date, and time. Follow the on-screen instructions using the device buttons.

5.2 Wi-Fi and App Connection

The REDTIGER F7NP features built-in 5.8GHz WiFi for quick access to recordings and settings via the Redtiger Cam app.

1. Download the "Redtiger Cam" app from your smartphone's app store.
2. On the dash cam, enable Wi-Fi (refer to the device's menu settings). The dash cam will broadcast a Wi-Fi network.
3. On your smartphone, go to Wi-Fi settings and connect to the dash cam's Wi-Fi network (SSID and password will be displayed on the dash cam screen).

4. Open the Redtiger Cam app. You can now preview live footage, download videos, replay recordings, check GPS data, and manage settings.



Figure 5.1: Redtiger Cam app interface on a smartphone.

5.3 GPS Functionality

The built-in GPS module records your vehicle's location, speed, and route data, which can be viewed during video playback on the app or a dedicated PC player.

GPS Tracking

Records the vehicle's location and speed data, allowing for accurate tracking and playback of the car's route and movement.



Figure 5.2: GPS tracking data displayed on a map.

6. OPERATING INSTRUCTIONS

6.1 Continuous Loop Recording

The dash cam automatically records video in continuous loops. When the memory card is full, the oldest unlocked files are overwritten to make space for new recordings. This ensures uninterrupted recording.

6.2 G-Sensor (Emergency Recording)

The integrated G-sensor detects sudden impacts or collisions. When triggered, the current video segment is automatically locked and saved to a protected folder, preventing it from being overwritten by loop recording. The sensitivity of the G-sensor can be adjusted in the settings.

6.3 Parking Mode

The F7NP offers 24/7 parking surveillance. A hardwire kit (sold separately) is required for continuous power to enable parking mode.

- **Time-Lapse Recording:** Records continuously at a low frame rate, compressing hours of footage into minutes.
- **G-Sensor Parking Mode:** The camera remains in standby and automatically starts recording for a set duration if an impact is detected.

6.4 Night Vision

Equipped with a STARVIS 2 sensor, F1.5 large aperture, and WDR/HDR technology, the F7NP provides enhanced night vision, capturing clear and balanced footage in low-light conditions.



Figure 6.1: Night vision performance comparison.

7. MAINTENANCE

- **Memory Card:** Regularly format the memory card (at least once a month) to ensure optimal performance and prevent data corruption. Use a high-quality, high-endurance microSD card.
- **Lens Cleaning:** Use a soft, lint-free cloth to gently clean the camera lenses. Avoid abrasive materials or harsh chemicals.
- **Device Cleaning:** Wipe the dash cam body with a dry or slightly damp cloth. Do not immerse the device in water.

- **Firmware Updates:** Check the REDTIGER official website or app periodically for firmware updates to ensure your dash cam has the latest features and improvements.

8. TROUBLESHOOTING

- **Camera not powering on:** Ensure the power cable is securely connected to both the dash cam and the car's 12V outlet. Check if the car charger is working.
- **Recording issues:** Format the memory card. Ensure the memory card is inserted correctly and is not full of locked files. Try a different compatible memory card.
- **Wi-Fi connection problems:** Ensure Wi-Fi is enabled on the dash cam. Restart both the dash cam and your smartphone. Make sure you are within range of the dash cam's Wi-Fi signal.
- **GPS not tracking:** Ensure the dash cam has a clear view of the sky. It may take a few minutes for the GPS signal to be acquired after startup.
- **Image quality issues:** Clean the camera lenses. Adjust the CPL filter if reflections are present. Ensure the protective film has been removed from the lenses.

9. SPECIFICATIONS

Feature	Specification
Model Name	F7NP
Brand	REDTIGER
Front Video Capture Resolution	4K
Rear Video Capture Resolution	1080p
Connectivity Technology	Wi-Fi (5.8GHz)
Field Of View	Front: 170 Degrees, Rear: 140 Degrees
Mounting Type	Windshield Mount (Suction Cup)
Included Components	Memory Card
Control Method	App


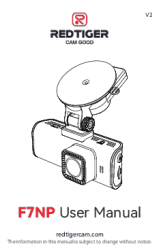
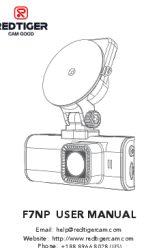
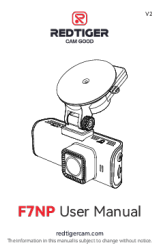
10. WARRANTY AND SUPPORT




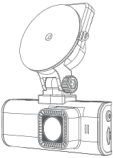
REDTIGER products are designed for reliability and performance. For warranty information, technical support, or customer service inquiries, please refer to the contact details provided with your product

packaging or visit the official REDTIGER website. Please retain your proof of purchase for warranty claims.

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Related Documents - F7NP

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	<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>
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