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REDTIGER A3

REDTIGER A3 3 Channel Dash Cam User Manual

Model: A3

Introduction

The REDTIGER A3 3 Channel Dash Cam is designed to provide comprehensive surveillance for your vehicle. It features a 2.5K front camera, a 1080P rear camera, and a 1080P interior cabin camera, ensuring detailed coverage of both road conditions and in-car activity. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your dash cam.

Package Contents

Please verify that all items listed below are included in your package:

- 1 x REDTIGER A3 Dual Dash Cam
- 1 x 1080P Rear Camera
- 1 x 11.5ft Power Supply Cable with Car Charger
- 1 x 32GB MicroSD Card
- 1 x Adhesive Mount
- 1 x 21.3ft Rear Camera Cable
- 5 x Cable Clips
- 1 x Car Wire Trim Tool
- 1 x User Manual
- Adhesive stickers
- Electrostatic Sticker

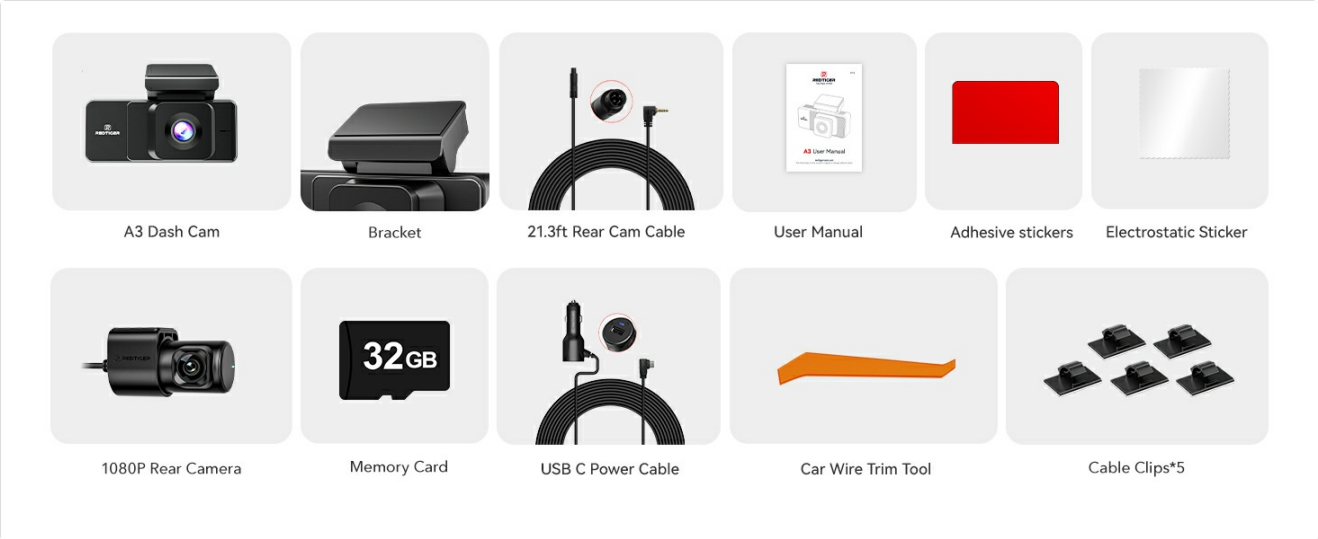


Image: All components included in the REDTIGER A3 Dash Cam package.

Product Overview

The REDTIGER A3 dash cam features a compact design with a 3.18-inch screen and multiple cameras for comprehensive recording.

Triple-Channel Recording

The dash cam records simultaneously from three perspectives:

- **Front Camera:** 2.5K resolution for clear road footage.
- **Cabin Camera:** 1080P resolution with IR Night View for interior monitoring.
- **Rear Camera:** 1080P resolution for coverage behind your vehicle.



Image: Illustration of the three recording channels: Front (2.5K), Cabin (1080P), and Rear (1080P).

IR Night View for Cabin

Equipped with infrared lights and low-light optimization, the cabin camera captures clear details of the vehicle's interior even in dark conditions, enhancing safety and evidence collection.



Image: The multi-angle IR cabin camera providing clear night vision inside the vehicle.

Detachable Design and Type-C Interface

The dash cam features a detachable design for easy removal and an upgraded Type-C interface for reliable power and data transfer.



Image: Close-up of the dash cam showing its detachable design and Type-C port.

Setup and Installation

Follow these steps for proper installation of your REDTIGER A3 Dash Cam:

1. **Mount the Front Dash Cam:** Attach the dash cam to your windshield using the adhesive mount. Ensure it is positioned to capture a clear view of the road without obstructing your driving vision.
2. **Install the Rear Camera:** Mount the rear camera on your rear windshield. Route the 21.3ft rear camera cable from the front dash cam to the rear camera, tucking it neatly along the vehicle's headliner and pillars.

3. **Connect Power:** Connect the 11.5ft power supply cable from the car charger to the dash cam's Type-C port. Plug the car charger into your vehicle's 12V power outlet.
4. **Insert MicroSD Card:** Insert the included 32GB MicroSD card (or a compatible card up to 256GB) into the designated slot on the dash cam.
5. **Adjust Camera Angles:** Power on the dash cam and adjust the angles of the front, cabin, and rear cameras to ensure optimal coverage.



Image: Diagram illustrating the easy installation process and cable routing for the front and rear cameras.

Operating Instructions

Automatic Recording

Once powered on, the dash cam will automatically begin recording in a continuous loop. Older footage will be overwritten by new recordings when the memory card is full, ensuring continuous operation.

G-Sensor

The built-in G-Sensor detects sudden impacts or collisions. When an event is detected, the current video segment is automatically locked to prevent it from being overwritten, serving as critical evidence.

Audio Recording

The dash cam supports audio recording. This feature can be enabled or disabled through the device settings.

Wi-Fi and App Control

The REDTIGER A3 features built-in Wi-Fi for seamless connectivity with the REDTIGER Cam app on your smartphone.

1. **Download the App:** Search for "REDTIGER Cam" in the Apple App Store or Google Play Store and install it on your smartphone.
2. **Connect to Wi-Fi:** On the dash cam, enable Wi-Fi. On your smartphone, connect to the dash cam's Wi-Fi network (SSID and password will be displayed on the dash cam screen).
3. **Access Footage:** Open the REDTIGER Cam app to preview live footage, download recorded videos, and manage settings directly from your phone.



Image: The dash cam with Wi-Fi connectivity, showing the REDTIGER Cam app interface on a smartphone.

Parking Mode

The parking mode feature provides surveillance for your vehicle when it is parked. To enable 24-hour parking monitoring, a hardwire kit (not included) is required.

Collision Detection

When the hardwire kit is installed, the dash cam monitors for impacts or motion while parked. If an event is detected, it automatically records and locks the footage.

Time-Lapse Recording

Parking mode also supports time-lapse recording, allowing for extended surveillance periods by capturing footage at a lower frame rate, conserving storage space.



Image: Visual representation of the 24-hour parking monitor features, including collision detection and time-lapse recording.

Maintenance

To ensure optimal performance and longevity of your REDTIGER A3 Dash Cam, follow these maintenance guidelines:

- **MicroSD Card Management:** Regularly format the MicroSD card (at least once a month) to prevent data corruption and ensure smooth recording. Use a Class 10 or higher U3 speed MicroSD card.
- **Lens Cleaning:** Gently clean the camera lenses with a soft, lint-free cloth to remove dust or smudges that may affect video clarity.
- **Temperature Range:** The dash cam is designed with a supercapacitor for enhanced durability and heat resistance, operating effectively in temperatures from -20°C to 70°C. Avoid exposing the device to temperatures outside this range for prolonged periods.
- **Cable Connections:** Periodically check all cable connections to ensure they are secure.

Troubleshooting

If you encounter issues with your REDTIGER A3 Dash Cam, refer to the following common problems and solutions:

Dash Cam Not Powering On

- Ensure the car charger is properly plugged into the vehicle's 12V outlet and the dash cam.
- Check if the vehicle's 12V outlet is functioning. Try plugging in another device.
- Verify the power cable is not damaged.

Recording Stops or Freezes

- Format the MicroSD card. A corrupted card can cause recording issues.
- Ensure you are using a high-speed (Class 10, U3) MicroSD card. Lower speed cards may not keep up with the data rate.
- Check if the card is full. Enable loop recording or replace the card if necessary.

Poor Video Quality

- Clean the camera lenses with a soft cloth.
- Ensure the protective film has been removed from the lenses.
- Check video resolution settings in the dash cam menu or app.

Wi-Fi Connection Issues

- Restart both the dash cam and your smartphone.
- Ensure you are within close proximity to the dash cam for a stable connection.
- Verify the correct Wi-Fi password is being entered.

Parking Mode Not Working

- Parking mode requires a separate hardwire kit (not included) for continuous power when the vehicle is off. Ensure the hardwire kit is correctly installed.
- Check parking mode settings in the dash cam menu.

Dash Cam Feels Hot

It is normal for the dash cam to generate some heat during operation, especially in warm environments. The device's casing is designed to dissipate this heat. If the device becomes excessively hot or malfunctions, contact customer support.

Specifications

Brand	REDTIGER
Model Name	A3
Vehicle Service Type	Bus, Car, Minivan, Truck
Connectivity Technology	Wi-Fi
Video Capture Resolution	Front: 2.5K, Cabin: 1080P, Rear: 1080P
Screen Size	3.18 Inches (LCD)
Included Memory Card	32 GB
Max. Supported Memory Card	256 GB
Operating Temperature	-20°C to 70°C
Special Features	3 Channel Recording, 4 IR Lights, APP Control, Built-In Supercapacitor, G-Sensor, Loop Recording, Mute Function, Night View, Parking Monitor, Audio Recording

Warranty and Support

Warranty Information

The REDTIGER A3 Dash Cam comes with an **18-month warranty** from the date of purchase. Please retain your proof of purchase for warranty claims.

Customer Support

For any technical assistance, setup queries, or warranty-related concerns, please contact REDTIGER customer support:

- **Email:** support@redtigercam.com
- **Phone (India):** +91 92897 80777

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