

## Ritutedianzi 500385383

# Ritutedianzi Three-Way Dash Cam Model 500385383 User Manual

Your guide to setting up, operating, and maintaining your Ritutedianzi Three-Way Dash Cam.

## 1. PRODUCT OVERVIEW

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The Ritutedianzi Three-Way Dash Cam Model 500385383 is designed to provide comprehensive video surveillance for your vehicle. It features three recording channels: front, interior, and rear, ensuring a wide coverage area. The device supports seamless loop recording, automatic power on/off with vehicle ignition, and offers a 2-inch display for real-time viewing and playback.



Image 1.1: The Ruitutedianzi Three-Way Dash Cam, showing the main unit, suction cup mount, power cable, and the separate rear camera module.

## 2. PACKAGE CONTENTS

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

- 1 x Dashcam Camcorder (Main Unit)
- 1 x Rear Camera (with 6M cable)
- 1 x Car Charger (Power Cable)
- 1 x Suction Cup Mount

## 3. SETUP INSTRUCTIONS

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### 3.1. Inserting the Memory Card

The dash cam requires a high-speed TF (microSD) memory card for recording. Ensure the card is Class 10 (C10) or higher for optimal performance. The device supports a maximum capacity of 64GB.

1. Locate the memory card slot on the dash cam.
2. Gently insert the TF card into the slot until it clicks into place. Ensure the card is inserted in the correct orientation.
3. To remove, gently press the card inward until it springs out.

## 3.2. Mounting the Dash Cam

Use the provided suction cup mount to securely attach the dash cam to your vehicle's windshield.

1. Clean the area on your windshield where you intend to mount the dash cam.
2. Attach the dash cam to the suction cup mount.
3. Press the suction cup firmly against the windshield and flip the lever to secure it.
4. Adjust the angle of the dash cam to ensure a clear view of the road ahead and the vehicle interior.



Image 3.1: The dash cam attached to a suction cup mount, ready for windshield installation.

## 3.3. Connecting Power

Connect the dash cam to your vehicle's power source using the provided car charger.

1. Plug the small end of the car charger cable into the USB interface on the dash cam.
2. Plug the larger end of the car charger into your vehicle's 12V power outlet (cigarette lighter socket).

3. The dash cam will automatically power on when the vehicle ignition is turned on and power off when the ignition is off.

### **3.4. Installing the Rear Camera**

The rear camera provides additional coverage and can assist with reversing. It is waterproof and features LED lights for automatic fill light.

1. Connect the rear camera cable to the designated port on the main dash cam unit.
2. Route the 6-meter cable discreetly through your vehicle's interior to the desired mounting location for the rear camera.
3. The rear camera can be installed on the rear windshield or above the rear license plate. Ensure the lens is clear and unobstructed.

## **4. OPERATING INSTRUCTIONS**

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### **4.1. Automatic Operation**

The dash cam is designed for ease of use. It supports automatic ignition and shutdown, meaning it will power on and begin recording when your vehicle starts, and power off shortly after the ignition is turned off.

### **4.2. Recording Modes**

The dash cam offers three-way recording: front, interior, and rear. You can view these feeds simultaneously on the 2-inch screen using various display modes, including picture-in-picture.



Image 4.1: Illustration of the three-camera recording capability, capturing the road ahead, vehicle interior, and the view behind the vehicle.

### 4.3. Loop Recording

The dash cam features seamless loop recording. When the memory card is full, the oldest unlocked files will be overwritten by new recordings. This ensures continuous recording without manual intervention.

### 4.4. Time Synchronization

The device supports time synchronization. Ensure the date and time settings are correct for accurate timestamping of your recordings. Refer to the on-screen menu for adjustments.

### 4.5. Language Settings

The dash cam supports multiple languages, including Chinese, English, French, German, Russian, Polish, Japanese, Portuguese, Spanish, and Korean. You can change the language through the device's settings menu.

### 4.6. 24-Hour Parking Monitoring

For continuous surveillance, the dash cam can provide 24-hour parking monitoring. This feature requires a constant power supply, either from an external battery pack or by hardwiring the device to your vehicle's

power system (professional installation recommended for hardwiring).



Image 4.2: Visual representation of the 24-hour parking monitoring function, indicating continuous surveillance of the parked vehicle.

#### 4.7. App Control and Wi-Fi Connectivity

The dash cam supports 5G WiFi connection and can be controlled via a dedicated mobile application. This allows you to view live footage, review recordings, and share content directly from your smartphone or tablet.



Image 4.3: The dash cam connected via 5G WiFi to a smartphone, demonstrating app control capabilities for live preview and file management.

## 5. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your dash cam.

- **Cleaning:** Regularly wipe the lenses and screen with a soft, dry cloth to remove dust and smudges. Do not use abrasive cleaners.
- **Memory Card Management:** Periodically format your TF card (e.g., once a month) within the dash cam's settings to prevent data corruption and ensure smooth recording. Back up any important footage before formatting.
- **Temperature:** The dash cam is built with a super capacitor, allowing it to operate in temperatures from -4°F to 158°F (-20°C to 70°C). Avoid exposing the device to extreme temperatures outside this range for extended periods.

## 6. TROUBLESHOOTING

If you encounter issues with your dash cam, refer to the following common problems and solutions:

- **Dash Cam Not Recording or Freezing:** Ensure you are using a high-speed TF card (Class 10 or

higher). A slow or faulty memory card is a common cause of recording issues. Try formatting the card or using a new, compatible card.

- **Poor Video Quality:** Check if the lenses are clean and free from obstructions. Ensure the protective film has been removed from the lenses. Verify that the video resolution settings are set to 1080p.
- **Dash Cam Not Powering On:** Verify that the car charger is securely connected to both the dash cam and the vehicle's 12V power outlet. Check if the vehicle's power outlet is functioning correctly.
- **Rear Camera Not Displaying:** Ensure the rear camera cable is securely connected to both the rear camera and the main dash cam unit. Check for any damage to the cable.
- **Time/Date Incorrect:** Access the system settings on the dash cam to manually adjust the date and time.

## 7. TECHNICAL SPECIFICATIONS

Feature	Specification
Channels	Front + Interior + Rear
Screen Size	2 inches
Video Resolution	1080p (Front) + 480p (Interior) + 480p (Rear)
Front Lens Angle	170° Wide-Angle
Interior Lens Angle	120° Wide-Angle
Aperture	F2.0 (6-glass lens)
Memory Card Support	TF (MicroSD), Class 10 or higher, up to 64GB
Voltage / Current	5V / 1A
Connectivity	USB, 5G WiFi
Frequency	50HZ / 60HZ
Operating Temperature	-4°F to 158°F (-20°C to 70°C)
Dimensions (Main Unit)	7.87 x 4.33 x 2.76 inches (approx. 10.5cm x 4.4cm x 5.5cm)
Item Weight	12 ounces / 340 Grams
Display Type	LED
Rear Camera Cable Length	6 meters
Supported Languages	Chinese, English, French, German, Russian, Polish, Japanese, Portuguese, Spanish, Korean, etc.

# 3 Camera 1080P Car Dash Camera

The dashcam front and rear simultaneously capture the road front and inside passenger cabin at dual 1920x 1080P capturing every detail of the vehicle while driving



F1.8



WDR



Night Vision

170°

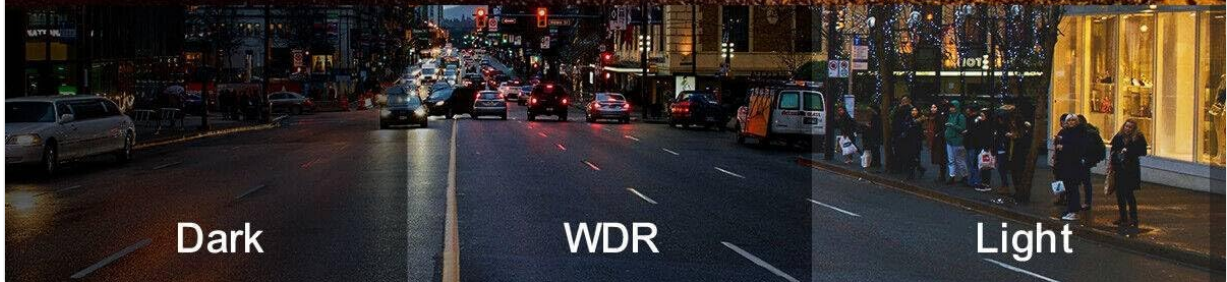


Image 7.1: Diagram illustrating the physical dimensions of the main dash cam unit.

## 8. WARRANTY AND SUPPORT

No specific warranty information is provided in the product details. For warranty inquiries, technical support, or further assistance, please contact the seller or manufacturer directly through your purchase platform.