

NanoRS RS200

NanoRS RS200 Dash Camera User Manual

Model: RS200

1. INTRODUCTION

Thank you for choosing the NanoRS RS200 Dash Camera. This manual provides detailed instructions for the installation, operation, and maintenance of your device. Please read this manual thoroughly before using the product to ensure proper functionality and safety. Keep this manual for future reference.

2. PRODUCT OVERVIEW

The NanoRS RS200 is a high-definition dash camera designed to record your journeys, providing security and evidence in case of incidents. It features a magnetic mount for easy installation, a Sony sensor for clear 1080p video, integrated GPS, Wi-Fi connectivity, and a G-sensor for automatic emergency recording.

Key Features:

- **Full HD 1080p Recording:** Captures clear video footage.
- **150-Degree Wide-Angle Lens:** Provides a broad view of the road.
- **Sony Sensor:** Enhances image quality, especially in low light conditions.
- **Magnetic Mount:** Allows for quick and secure attachment/detachment from the windshield.
- **Integrated GPS:** Records location and speed data.
- **Wi-Fi Connectivity:** Control the camera and view recordings via a smartphone app.
- **G-Sensor:** Automatically locks video files upon impact or sudden braking.
- **Parking Mode:** Monitors your vehicle when parked using motion detection.
- **Loop Recording:** Overwrites older, unprotected files when the memory card is full.
- **WDR (Wide Dynamic Range):** Improves image clarity in varying light conditions.
- **1.54-inch IPS Display:** For live view and menu navigation.

Package Contents:

- NanoRS RS200 Dash Camera

- Magnetic Mount
- Car Charger (USB adapter)
- USB Cable
- User Manual



Figure 2.1: Front view of the NanoRS RS200 Dash Camera with its display.



Figure 2.2: Various perspectives of the NanoRS RS200 Dash Camera, highlighting its compact design.

3. SETUP

3.1 Inserting a MicroSD Card

1. Ensure the dash camera is powered off.
2. Locate the MicroSD card slot on the side of the camera.
3. Insert a Class 10 or higher MicroSD card (up to 64GB recommended) into the slot until it clicks into place.
4. To remove, gently push the card in until it springs out.

Note: Format the MicroSD card within the camera's settings before first use and periodically thereafter to ensure optimal performance.

3.2 Mounting the Dash Camera

1. Clean the area on your windshield where you intend to mount the camera. Ensure it does not obstruct your view.
2. Attach the magnetic mount to the windshield using its adhesive pad. Press firmly for 30 seconds.
3. Slide the NanoRS RS200 Dash Camera onto the magnetic mount until it securely clicks into place. The magnetic connection ensures easy attachment and removal.
4. Adjust the camera angle to ensure the lens captures the road ahead clearly.



Figure 3.1: Illustration of the magnetic mount mechanism for easy attachment and detachment.

3.3 Power Connection

1. Connect the provided USB cable to the dash camera's power input port.
2. Plug the other end of the USB cable into the car charger (USB adapter).
3. Insert the car charger into your vehicle's 12V power outlet (cigarette lighter socket).
4. The camera will automatically power on and begin recording when the vehicle's ignition is turned on.



Figure 3.2: Included car charger and USB cable for powering the device.

4. OPERATING INSTRUCTIONS

4.1 Basic Recording

Once powered on, the NanoRS RS200 Dash Camera will automatically start recording. A red indicator light or icon on the screen typically confirms recording is active.

- **Automatic Start/Stop:** The camera powers on and off with your vehicle's ignition.
- **Loop Recording:** Video is recorded in segments (e.g., 1, 3, or 5 minutes). When the MicroSD card is full, the oldest unprotected files are overwritten.

4.2 G-Sensor (Emergency Recording)

The built-in G-sensor detects sudden impacts or rapid acceleration/deceleration. When triggered, it automatically

locks the current video segment, preventing it from being overwritten by loop recording. These files are stored in a separate folder on the MicroSD card.

4.3 Parking Mode

Parking mode provides surveillance when your vehicle is parked. When enabled, the camera uses its motion sensor to detect activity around your vehicle and automatically starts recording. This feature requires a continuous power supply or the camera's internal battery to be charged.

4.4 Wi-Fi Connectivity and App Control

The NanoRS RS200 features Wi-Fi connectivity, allowing you to connect your smartphone to the camera via a dedicated app (e.g., "Antscam" for Android and iOS).

1. Download and install the recommended app from your smartphone's app store.
2. Enable Wi-Fi on your dash camera through its menu settings.
3. On your smartphone, connect to the camera's Wi-Fi network (SSID and password usually displayed on the camera screen or in the manual).
4. Open the app to view live footage, browse recorded videos, download files, and adjust camera settings remotely.

4.5 GPS Functionality

The integrated GPS module records your vehicle's speed and location data, which can be viewed during video playback using compatible software on a computer. This data provides additional context for recorded events.

5. MAINTENANCE

5.1 Cleaning the Camera

- Use a soft, dry cloth to clean the camera body.
- For the lens, use a specialized lens cleaning cloth and solution to avoid scratches.
- Do not use harsh chemicals or abrasive cleaners.

5.2 MicroSD Card Management

- Regularly format the MicroSD card (e.g., once a month) through the camera's settings to maintain optimal recording performance and prevent data corruption.
- Replace the MicroSD card if you notice recording errors or degraded performance, as memory cards have a limited lifespan.

6. TROUBLESHOOTING

If you encounter issues with your NanoRS RS200 Dash Camera, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Camera does not power on.	No power supply; faulty car charger/cable.	Check power connection. Ensure car charger is properly inserted and vehicle's 12V outlet is functional. Try a different USB cable or charger.
Camera stops recording or shows an error.	MicroSD card error; card full; incompatible card.	Format the MicroSD card. Replace with a new Class 10 or higher card if issues persist. Ensure card capacity is supported.
Date and time reset after power off.	Internal battery low or depleted; GPS signal not acquired.	Ensure the camera is continuously powered for a period to charge its internal battery. Verify GPS signal acquisition for automatic time synchronization. Manually set date/time if necessary.
Wi-Fi connection issues.	Incorrect password; app not updated; camera Wi-Fi off.	Ensure Wi-Fi is enabled on the camera. Double-check the Wi-Fi password. Update the app to the latest version. Restart both camera and smartphone.
Poor video quality.	Dirty lens; protective film still on lens; low light conditions.	Clean the lens. Remove any protective film. Ensure WDR is enabled for challenging lighting.

7. SPECIFICATIONS

Feature	Detail
Model Number	RS200
Video Recording Resolution	1080p Full HD
Lens Angle	150 Degrees
Display Size	1.54 inches IPS
Sensor	Sony Sensor
Connectivity	Wi-Fi, GPS
Mount Type	Magnetic Mount
Special Features	G-Sensor, Parking Mode, Loop Recording, WDR
Power Source	Car Charger (12V)
Supported MicroSD Card	Class 10 or higher, up to 64GB
Color	Black

8. WARRANTY AND SUPPORT

The NanoRS RS200 Dash Camera comes with a standard manufacturer's warranty. For specific warranty terms and conditions, please refer to the documentation included with your purchase or visit the official NanoRS website. For technical support, troubleshooting assistance, or inquiries about replacement parts, please contact NanoRS customer service through their official channels. Keep your purchase receipt as proof of purchase for warranty claims.