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Navitel R250 DUAL

Navitel R250 DUAL NV Dash Cam User Manual

Model: R250 DUAL

INTRODUCTION

Welcome to the user manual for your Navitel R250 DUAL NV Dash Cam. This guide provides detailed instructions on how to set up, operate, maintain, and troubleshoot your device. The Navitel R250 DUAL NV is a high-quality dual dash camera system designed to record incidents on the road, featuring Full HD front recording, an additional rear camera, night vision, a G-sensor for impact detection, and a parking mode for enhanced security.



This image displays the main Navitel R250 DUAL NV dash camera unit alongside its accompanying rear camera. Both units are black and compact, designed for discreet installation in a vehicle.

PACKAGE CONTENTS

Please check the box for the following items:

- Navitel R250 Digital Video Recorder (Front Camera)
- Rear Camera

- Windshield Mount (Suction Cup)
- Car Charger
- Video Cable for Rear Camera
- User Manual
- Warranty Card
- Warranty Voucher

SETUP GUIDE

1. Installation

Front Camera Installation

1. Clean the windshield area where you intend to mount the dash cam.
2. Attach the suction cup mount to the windshield, ensuring a secure grip.
3. Slide the Navitel R250 dash cam onto the mount until it clicks into place.
4. Adjust the camera angle to ensure a clear view of the road ahead.

Rear Camera Installation

1. Mount the rear camera on the rear window, ensuring it has a clear view.
2. Connect the rear camera to the main dash cam unit using the provided video cable. Route the cable discreetly along the vehicle's interior trim.



An illustrative diagram showing a red car on a road, with the front camera positioned at the front of the vehicle and the rear camera at the back, indicating their respective fields of view for comprehensive recording.

Power Connection

1. Connect the car charger to the dash cam's USB port.
2. Plug the other end of the car charger into your vehicle's 12V power outlet (cigarette lighter socket).
3. Route the power cable neatly to avoid obstructing your view or interfering with driving.

2. Initial Setup

Inserting the Memory Card

- Ensure the dash cam is powered off.

- Insert a compatible microSD card (Class 10 or higher, up to 64GB recommended) into the memory card slot until it clicks.
- To remove, gently push the card in until it springs out.

First Power On & Date/Time Settings

- Once connected to power, the dash cam will automatically turn on and begin recording.
- Navigate to the system settings menu to set the correct date and time. This is crucial for accurate video timestamps.



The screen of the Navitel R250 DUAL NV dash cam is shown, displaying a live road view with overlaid information such as recording status, microphone status, current time, video resolution (1080FHD), and battery level. A memory card icon is also visible.

OPERATING INSTRUCTIONS

Basic Operation

Automatic Start Recording

The device is designed to automatically start recording when the vehicle's ignition is turned on and power is supplied. Recording will stop when the ignition is turned off.

Loop Recording

The dash cam records video in continuous loops. When the memory card is full, the oldest unlocked files will be overwritten by new recordings. You can set the loop recording duration in the settings menu.

Emergency Recording (G-Sensor)

The built-in G-sensor (accelerometer) detects sudden impacts or rapid acceleration/deceleration. When triggered, the current video segment is automatically locked and saved to prevent it from being overwritten by loop recording. This ensures critical

incident footage is preserved.



An image highlighting the G-Sensor feature, showing the interior of a car with a focus on the dashboard, implying the sensor's role in detecting impacts and sudden maneuvers.

Parking Mode

With Parking Mode enabled, the dash cam can detect vibrations and automatically start recording even when the car is parked and the engine is off. This feature provides surveillance for your vehicle when you are away.

Night Vision

Equipped with a GC2053 sensor and 4-layer glass lenses, the Navitel R250 DUAL NV provides high-quality recording and clear images even in low-light conditions, enhancing visibility during nighttime driving.



This image demonstrates the Night Vision capability of the Navitel R250 DUAL NV, showing a clear view of a city highway at night, emphasizing the camera's ability to capture high-quality footage in low-light conditions.

Wide Angle View

The front camera features a 140-degree wide viewing angle, and the rear camera has a 100-degree angle, ensuring comprehensive coverage of the road and surrounding areas.



A visual representation of the 140-degree wide-angle lens of the Navitel R250 DUAL NV dash cam, showing its expansive field of view over a road and surrounding landscape, ensuring broad coverage.

Menu Navigation

Use the buttons on the side of the dash cam to navigate through the menu options. Typically, there are buttons for Menu, Up, Down, OK/Confirm, and Mode. Refer to the on-screen prompts for specific functions.

MAINTENANCE

Cleaning

- Gently wipe the camera lens with a soft, lint-free cloth to ensure clear recordings.
- Do not use harsh chemicals or abrasive cleaners.

Firmware Updates

Periodically check the official Navitel website for available firmware updates. Updating the firmware can improve performance and add new features. Follow the instructions provided with the firmware update carefully.

Memory Card Management

- It is recommended to format the microSD card regularly (e.g., once a month) using the dash cam's format function. This helps maintain optimal recording performance and prevents data corruption.
- Always back up important video files to a computer before formatting the card.



This image illustrates the Navitel DVR Player software running on a laptop, showing how users can manage recorded files, save video fragments, export tracks, and select recordings from either the main or rear camera.

TROUBLESHOOTING

Common Issues and Solutions

Problem	Possible Cause	Solution
Dash cam does not turn on.	No power supply; faulty charger; damaged cable.	Check car charger connection and vehicle's 12V outlet. Try a different USB cable or charger.
Recording stops unexpectedly.	Memory card full or corrupted; slow memory card; overheating.	Format the memory card. Use a high-speed (Class 10 or U1/U3) microSD card. Ensure proper ventilation.
Video quality is poor.	Dirty lens; protective film on lens; incorrect resolution settings.	Clean the lens. Remove any protective film. Check video resolution settings in the menu.
G-sensor is too sensitive/not sensitive enough.	G-sensor sensitivity setting is too high/low.	Adjust the G-sensor sensitivity in the settings menu.
Rear camera not detected or no image.	Loose cable connection; faulty rear camera.	Ensure the rear camera cable is securely connected to both cameras. Check for cable damage.

SPECIFICATIONS

Technical Specifications

Feature	Detail
Brand	Navitel
Model Name	R250 DUAL

Feature	Detail
Color	Black
Screen Size	2 Inches
Connectivity Technology	USB
Special Features	Automatic Start, Parking Mode, Impact Sensor (G-Sensor), Sound Recording, Motion Detection
Compatible Devices	Car
Battery Composition	Lithium-polymer
Video Recording Resolution	1080p (Front Camera)
Front Camera Viewing Angle	140 degrees
Rear Camera Viewing Angle	100 degrees (approx.)
Mounting Type	Suction Cup Mount

WARRANTY AND SUPPORT

Warranty Information


Your Navitel R250 DUAL NV Dash Cam comes with a manufacturer's warranty. Please refer to the included Warranty Card and Warranty Voucher for specific terms, conditions, and duration of the warranty period. Keep your proof of purchase for warranty claims.





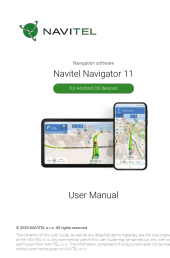
Customer Support

For technical assistance, troubleshooting beyond this manual, or warranty inquiries, please contact Navitel customer support. Visit the official Navitel website for contact information and the most up-to-date support resources.

Note: Information regarding software updates and spare parts availability is not explicitly provided at the time of this manual's creation. Please check the manufacturer's official channels for the latest information.

Related Documents - R250 DUAL

	<p>NAVITEL R250 DUAL User Manual: Installation, Features, and Operation</p> <p>Comprehensive user manual for the NAVITEL R250 DUAL dash cam, covering installation guides, device features, button functions, and operational details for optimal use.</p>
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 <p>User Manual</p>	<p>NAVITEL R3 User Manual: Installation, Features, and Specifications</p> <p>Comprehensive user manual for the NAVITEL R3 dash cam, covering installation, device layout, specifications, button functions, and operational features.</p>
 <p>User Manual</p>	<p>NAVITEL R10 Dash Cam User Manual</p> <p>Comprehensive user manual for the NAVITEL R10 dash cam, covering installation, device layout, specifications, button functions, app integration, and digital speed features. Learn how to operate and maximize your dash cam's capabilities.</p>
 <p>User Manual</p>	<p>NAVITEL RC2 DUAL Dash Cam User Manual</p> <p>User manual for the NAVITEL RC2 DUAL dash cam, covering device layout, specifications, installation, button functions, device features, and rear camera setup.</p>
 <p>User Manual</p>	<p>NAVITEL AR280 DUAL: Uživatelská příručka pro přenosný video rekordér</p> <p>Kompletní uživatelská příručka pro přenosný video rekordér NAVITEL AR280 DUAL. Zjistěte více o instalaci, funkcích a specifikacích tohoto DVR.</p>
 <p>User Manual</p>	<p>Navitel Navigator 11 User Manual - Navigation Software Guide</p> <p>Comprehensive user manual for Navitel Navigator 11, an offline multifunctional navigation application. Learn how to use its features for efficient route search and planning, interface customization, and online services.</p>