**Navitel R600**

# Navitel R600 Dash Cam User Manual

Full HD 1080p Car Dash Camera with 170° Wide Angle and G-Sensor

## 1. PRODUCT OVERVIEW

The Navitel R600 is a compact and high-performance car dash camera designed to record your journeys in Full HD 1080p resolution. Its small form factor makes it ideal for discreet placement on smaller windshields. Equipped with a 170° wide-angle lens and a G-sensor, it captures comprehensive road footage and automatically protects critical recordings during sudden impacts.

Key features include:

- Full HD 1080p video recording with a Sony Exmor FHD sensor and 6-glass lens.
- 170-degree wide-angle lens for extensive field of view.
- Integrated G-sensor for automatic incident detection and file protection.
- 2-inch LCD screen with side buttons for easy operation.
- Support for microSD cards up to 256 GB.
- Seamless loop recording without delays between video segments.
- Excellent performance in low-light conditions with night mode.
- Automatic recording upon engine start.

## 2. PACKAGE CONTENTS

Please check the box for the following items:

- NAVITEL DVR R600 Dash Camera
- Windshield Mount
- Car Charger
- USB Cable
- User Manual

Image: The Navitel R600 dash camera, showing its compact design, along with the included car charger, USB cable, and windshield mount.

## 3. SETUP AND INSTALLATION

### 3.1. Inserting the MicroSD Card

Before first use, insert a high-speed microSD card (Class 10 or higher, up to 256 GB) into the designated slot on the dash camera. Ensure the card is inserted correctly until it clicks into place.

### 3.2. Mounting the Dash Camera

1. Clean the area on your windshield where you intend to mount the camera.
2. Attach the windshield mount to the camera.
3. Remove the protective film from the adhesive pad on the mount.
4. Press the mount firmly onto the chosen spot on the windshield, ensuring a clear view of the road.
5. Adjust the camera angle to capture the desired field of view.

Image: Front view of the Navitel R600 dash camera, showing its lens and the attached mount, ready for windshield installation.

### 3.3. Power Connection

Connect the included car charger to the camera's Mini USB port and plug the other end into your vehicle's 12V power outlet (cigarette lighter socket). The camera will automatically power on and begin recording when the vehicle's ignition is turned on.

## 4. OPERATING INSTRUCTIONS

### 4.1. Basic Operation

The Navitel R600 features a 2-inch LCD screen and intuitive side buttons for navigation.

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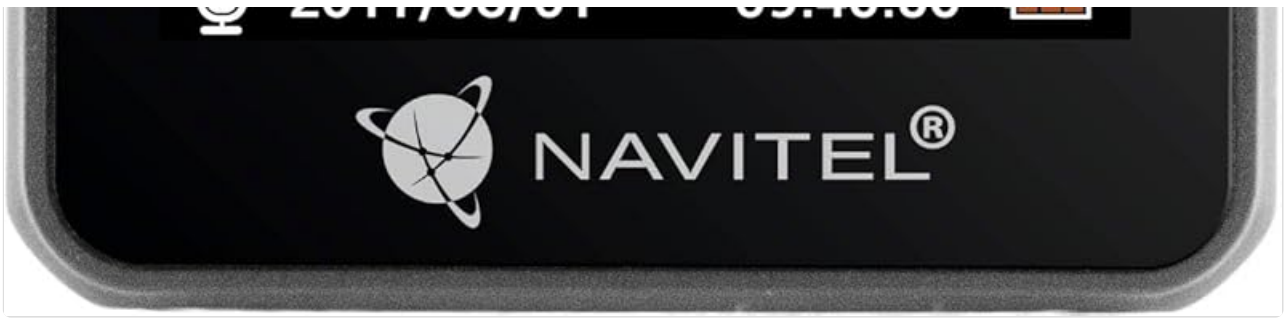
NAVITEL R600

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Image: Side view of the Navitel R600 dash camera, highlighting the control buttons (MENU, Up/Down arrows, OK/Record) for easy access and operation.

- **Power On/Off:** The camera powers on automatically with vehicle ignition. To manually power on/off, press and hold the power button (usually integrated with the OK/Record button or a dedicated button).
- **Recording:** Recording starts automatically when the device is powered on. A red dot indicator on the screen typically signifies active recording.
- **Menu Navigation:** Use the "MENU" button to access settings. Use the Up/Down arrow buttons to navigate through options and the "OK" button to confirm selections.

## 4.2. Loop Recording

The camera records video in continuous loops (e.g., 1, 3, or 5-minute segments). When the memory card is full, the oldest unlocked files are overwritten automatically to make space for new recordings. This ensures continuous recording without manual intervention.

## 4.3. G-Sensor (Gravity Sensor)

The built-in G-sensor detects sudden acceleration, braking, or collisions. When an event is detected, the current video segment is automatically locked and saved to prevent it from being overwritten by loop recording. These protected files are stored in a separate folder on the microSD card.

## 4.4. Playback and File Management

You can review recorded videos directly on the device's 2-inch screen or by connecting the camera to a computer via the USB cable. Alternatively, remove the microSD card and insert it into a card reader connected to your computer to access files.

Image: The Navitel R600 dash camera's screen showing a live video feed or playback, with time and resolution indicators visible.

## 5. MAINTENANCE

- **MicroSD Card:** Format the microSD card regularly (e.g., once a month) using the camera's menu option to ensure optimal performance and prevent data corruption.
- **Lens Cleaning:** Use a soft, lint-free cloth to gently clean the camera lens. Avoid abrasive materials or harsh chemicals.
- **Device Cleaning:** Wipe the camera body with a dry or slightly damp cloth. Do not use liquid cleaners directly

on the device.

- **Temperature:** Avoid exposing the camera to extreme temperatures, both hot and cold, for extended periods.

## 6. TROUBLESHOOTING

| Problem | Possible Cause / Solution |
| --- | --- |
| Camera does not power on. | Check if the car charger is properly connected to both the camera and the vehicle's power outlet. <br> Ensure the vehicle's ignition is on. <br> Try a different power outlet or USB cable. |
| Recording stops unexpectedly. | The microSD card may be full. Format the card. <br> The microSD card may be too slow or corrupted. Use a high-speed (Class 10 or U1/U3) card and replace if necessary. <br> Check G-sensor sensitivity settings; reduce if too sensitive. |
| Video quality is poor or blurry. | Clean the camera lens. <br> Ensure the protective film has been removed from the lens. <br> Check video resolution settings in the menu. |
| Buttons are unresponsive. | The device might be frozen. Use a thin object (like a paperclip) to press the "Reset" button (if available, often a small pinhole). |

Image: Close-up view of the Navitel R600 dash camera, showing the "Reset" button located on the side, which can be used to restart the device if it becomes unresponsive.

## 7. SPECIFICATIONS

| Feature | Detail |
|---|---|
| Brand | Navitel |
| Model Name | R600 |
| Color | Black |
| Screen Size | 2 Inches |
| Connectivity Technology | USB |
| Special Feature | G-Sensor |
| Microphone Technology | Integrated Microphone |

| Feature | Detail |
| --- | --- |
| Compatible Devices | Car, Truck, Motorcycle |
| Battery Composition | Lithium Polymer |
| Video Recording Resolution | 1080p Full HD |
| Viewing Angle | 170° |
| SD Card Support | Up to 256 GB |

## 8. WARRANTY AND SUPPORT

The Navitel R600 Dash Cam typically comes with a manufacturer's warranty. Please refer to the warranty card included in your package or visit the official Navitel website for detailed warranty terms and conditions.
For technical support, troubleshooting assistance, or inquiries about your device, please contact Navitel customer service through their official channels. You may also find additional resources and FAQs on their support website. Additionally, the product includes a 12-month license for the Navitel Navigator application for your smartphone or tablet, enhancing your navigation experience.

## Related Documents - R600

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|  | **NAVITEL R3 User Manual: Installation, Features, and Specifications**<br>Comprehensive user manual for the NAVITEL R3 dash cam, covering installation, device layout, specifications, button functions, and operational features. |
|  | **NAVITEL R10 Dash Cam User Manual**<br>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. |
|  | **NAVITEL R250 DUAL User Manual: Installation, Features, and Operation**<br>Comprehensive user manual for the NAVITEL R250 DUAL dash cam, covering installation guides, device features, button functions, and operational details for optimal use. |
|  | **NAVITEL R600 Quad HD User Manual: High-Definition Portable Video Recorder**<br>Comprehensive user manual for the NAVITEL R600 Quad HD portable video recorder. Learn about installation, features, specifications, and safe operation for your dashcam. |
|  | **NAVITEL RC2 DUAL Dash Cam User Manual**<br>User manual for the NAVITEL RC2 DUAL dash cam, covering device layout, specifications, installation, button functions, device features, and rear camera setup. |

[Navitel Navigator 11 User Manual - Navigation Software Guide](#)
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.