Navitel R980 4K

Navitel R980 4K Dash Cam User Manual

Model: R980 4K

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Navitel R980 4K Dash Cam. The R980 4K is a modern and elegant dash camera equipped with a Sony IMX 415 sensor, capable of recording in Ultra HD 4K (3840x2160p at 30 frames per second). Its features include a 140° wide-angle lens, a 3-inch IPS touchscreen, integrated GPS Informer for speed camera alerts, a G-sensor for emergency recording, a supercapacitor for enhanced durability, and Wi-Fi connectivity for remote control via the Navitel DVR Centre application.

Figure 1: Front view of the Navitel R980 4K Dash Cam with its magnetic mount attached.

PACKAGE CONTENTS

Please check the package contents upon unboxing. The standard package for the Navitel R980 4K Dash Cam typically includes:

- Navitel R980 4K Dash Cam
- Magnetic Mount
- Car Charger
- USB Cable
- User Manual
- Cleaning Cloth

SETUP

1. Inserting the Memory Card

Before first use, insert a high-speed microSD card (Class 10 or higher, up to 128GB recommended) into the designated slot on the dash cam. Ensure the dash cam is powered off before inserting or removing the card.

Figure 2: Side view showing the TF (microSD) card slot and control buttons.

2. Mounting the Dash Cam

1. Clean the area on your windshield where you intend to mount the dash cam.
2. Attach the magnetic mount to the windshield, ensuring a clear view of the road and no obstruction to the driver's vision.
3. Connect the dash cam to the magnetic mount. The magnetic design allows for quick attachment and removal.

Figure 3: The dash cam mounted on a windshield, showing its compact design.

3. Power Connection

Connect the car charger to the USB-C port on the magnetic mount and plug the other end into your vehicle's 12V power outlet (cigarette lighter socket). The dash cam will automatically power on and begin recording when the vehicle starts.

Figure 4: Close-up of the magnetic mount's USB-C power input.

OPERATING INSTRUCTIONS

Basic Operation

- **Power On/Off:** The device powers on automatically with vehicle ignition and powers off shortly after the engine is turned off. You can also manually power it on/off using the power button.
- **Recording:** Continuous loop recording starts automatically when the device is powered on.
- **Touchscreen:** Use the 3-inch IPS touchscreen to navigate menus, adjust settings, and review footage.

Key Features

- **4K Ultra HD Recording:** Records video at 3840x2160p @ 30fps, capturing clear details such as road signs, markings, and license plates.
- **140° Wide-Angle Lens:** Provides a broad view of the road ahead, including adjacent lanes and roadside areas.
- **G-Sensor (Shock Sensor):** Automatically detects sudden movements or impacts and locks the current recording to prevent it from being overwritten. The sensitivity can be adjusted in the settings.

- **GPS Informer:** Utilizes an integrated GPS antenna to provide alerts for over 60 types of speed cameras, mobile cameras, public transport lanes, and other potential road hazards. Visual and audible alerts are provided.
- **Supercapacitor:** Replaces a traditional battery, offering enhanced resistance to extreme temperature fluctuations and ensuring file integrity in case of sudden power loss.
- **Wi-Fi Connectivity:** Connect your dash cam to your smartphone or tablet via the Navitel DVR Centre application (available for iOS and Android). This allows for remote control, viewing of live footage, playback of recorded videos, and adjustment of settings.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the lens and screen. Avoid abrasive cleaners or solvents.
- **Memory Card:** Regularly format your microSD card (at least once a month) within the dash cam's settings to ensure optimal performance and prevent data corruption.
- **Firmware Updates:** Check the Navitel official website or the Navitel DVR Centre app for available firmware updates. Keeping your dash cam's firmware updated ensures the latest features and bug fixes.
- **Storage:** When not in use for extended periods, store the dash cam in a cool, dry place away from direct sunlight.

TROUBLESHOOTING

Problem	Possible Solution
Dash cam does not power on.	- Ensure the car charger is properly connected to both the dash cam mount and the vehicle's power outlet. - Check if the vehicle's 12V power outlet is functioning. - Try a different car charger or USB cable if available.
Recording stops unexpectedly.	- Format the microSD card. - Ensure you are using a high-speed microSD card (Class 10 or higher). - The card might be full; enable loop recording or replace the card.
Video quality is poor or blurry.	- Clean the dash cam lens and your windshield. - Ensure the protective film has been removed from the lens. - Check video resolution settings.
GPS signal not acquired.	- Ensure the dash cam has a clear view of the sky. - Move the dash cam away from other electronic devices that might cause interference. - Wait a few minutes for the GPS to acquire a signal, especially after initial setup or long periods of non-use.
Wi-Fi connection issues.	- Ensure Wi-Fi is enabled on the dash cam and your smartphone. - Restart both the dash cam and your smartphone. - Ensure you are within close proximity to the dash cam. - Update the Navitel DVR Centre app to the latest version.

SPECIFICATIONS

Feature	Detail
Model Name	R980 4K
Brand	Navitel
Video Recording Resolution	3840 x 2160p (4K) @ 30fps
Image Sensor	Sony IMX 415
Lens	7-layer glass lens with IR filter
Field of View	140 degrees
Display	3-inch IPS Touchscreen
Connectivity	Wi-Fi
Special Features	Integrated Display, G-sensor, Integrated GPS, Integrated Supercapacitor, Integrated Wi-Fi
Storage	MicroSD card (up to 128GB, Class 10 or higher)
Power Source	Supercapacitor
Mounting Type	Magnetic Mount
Compatible Devices	Smartphone, PC, Tablet

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official Navitel website or contact their customer service directly. Keep your purchase receipt as proof of purchase for warranty claims.

Navitel DVR Centre Application: For remote control and firmware updates, download the Navitel DVR Centre app from your device's app store (available for iOS and Android).

Related Documents - R980 4K

[NAVITEL R3 User Manual: Installation, Features, and Specifications](#)
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](#) 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](#) Comprehensive user manual for the NAVITEL R250 DUAL dash cam, covering installation guides, device features, button functions, and operational details for optimal use.
	[NAVITEL MR450 GPS User Manual - Comprehensive Guide](#) Official user manual for the NAVITEL MR450 GPS digital video recorder. Learn about installation, features, specifications, GPS, parking mode, and app connectivity.
	[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.
	[NAVITEL RC2 DUAL Dash Cam User Manual](#) User manual for the NAVITEL RC2 DUAL dash cam, covering device layout, specifications, installation, button functions, device features, and rear camera setup.