Range Tour V1

Range Tour Car Dash Cam User Manual

Model: V1 (ZV01)

Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your Range Tour Car Dash Cam. Please read this manual thoroughly before using the device to ensure proper functionality and safety. The Range Tour Car Dash Cam is a front-facing dashboard camera featuring FHD 1080P resolution, a 1700 wide-angle lens, WDR (Wide Dynamic Range), a 3.0-inch display, loop recording, night vision, and motion detection capabilities. It is designed to record your driving journey and provide evidence in case of incidents.

Package Contents

Verify that all items are present in the package:

- Range Tour Dash Cam
- Dash Cam Mount
- Mini USB Car Charger (3.5m cable)
- 64GB Memory Card (pre-installed)
- Card Reader
- Adhesive Stickers (spare)
- Invisible Electrostatic Film
- Wiring Trim Tool
- User Manual



Image: The Range Tour Dash Cam, including the camera unit, mount, car charger, 64GB SD card, card reader, adhesive stickers, electrostatic film, wiring trim tool, and user manual.

Setup and Installation

Follow these steps for proper installation of your dash cam:

1. **Clean the Windshield:** Thoroughly clean the area on your front windshield where the dash cam will be mounted. Ensure it is free of dust and grease for optimal adhesion.
2. **Apply Electrostatic Film:** Choose a suitable location, preferably near the rearview mirror, and paste the Invisible Electrostatic Film onto the windshield. This film allows for easier repositioning and removal without leaving residue.
3. **Assemble Mount and Camera:** Attach the dash cam to its mount. Ensure it clicks securely into place.
4. **Mount the Dash Cam:** Remove the red protective film from the adhesive on the mount and firmly press the dash cam onto the electrostatic film on the windshield. Hold for a few seconds to ensure strong adhesion.
5. **Connect Power:** Plug the mini USB car charger into the dash cam's power port and then into your vehicle's cigarette lighter socket. Verify that the dash cam powers on.
6. **Route Power Cable:** Use the included Wiring Trim Tool to neatly tuck the power cord along the car's bezel and trim, ensuring it does not obstruct your view or interfere with driving.

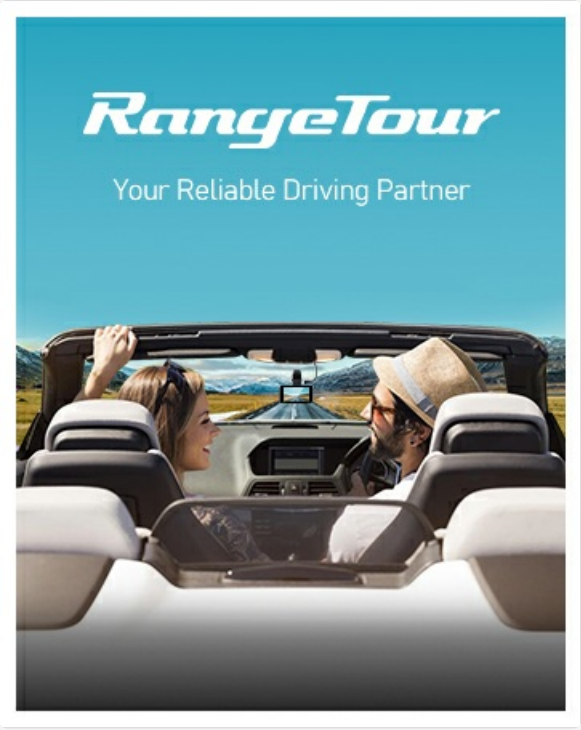


Image: Illustration showing the adjustable lens of the dash cam, which can be rotated up, down, left, and right by 15 degrees for optimal viewing angle.

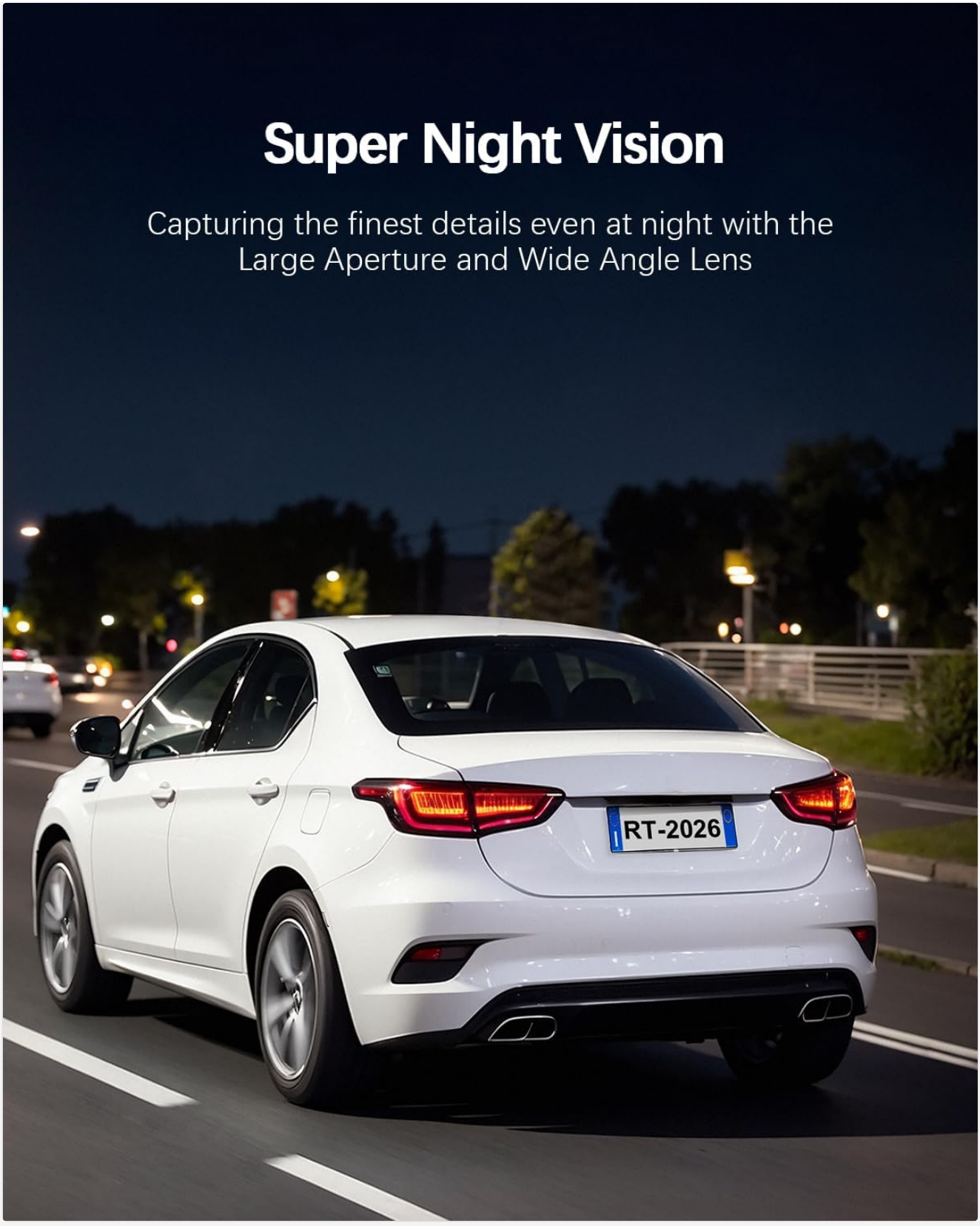


Image: A six-step visual guide demonstrating the installation process, from cleaning the windshield to routing the power cable.

Optional Hardwire Kit: For a cleaner installation that frees up your cigarette lighter port and enables automatic power on with engine start, consider purchasing a 2-core hardwire kit (ASIN: B0CQR697HK). This kit connects directly to your vehicle's fuse box.

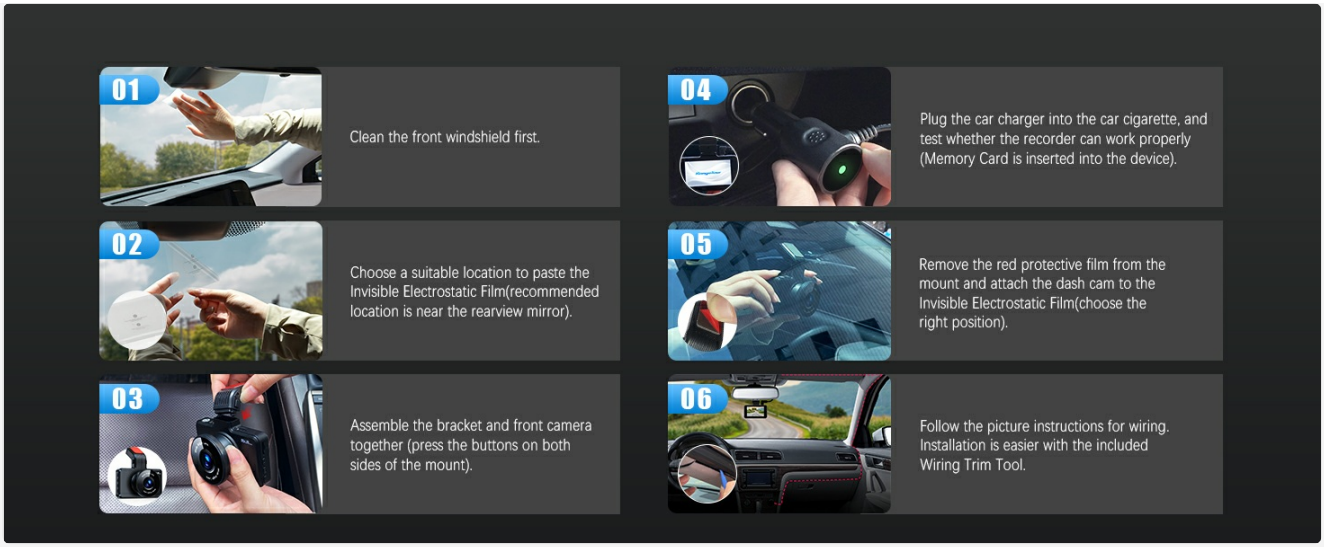


Image: Diagram illustrating the connection of an optional 2-core hardwire kit to the car's fuse box for a permanent power supply.

Operating Instructions

Basic Operation

- **Power On/Off:** The dash cam will automatically power on and begin recording when connected to power and the vehicle starts. It will power off automatically when the vehicle is turned off. You can also manually power it on/off using the power button.
- **Recording:** Once powered on, the dash cam automatically starts continuous loop recording. A red dot or similar indicator on the screen confirms recording is active.
- **Screen Display:** The 3.0-inch LCD screen displays the live view from the camera. You can set a screen saver (LCD Brightness) to turn off the display after a set time while recording continues in the background, preventing distraction.

Key Features

- **Loop Recording:** The dash cam records video in continuous loops (e.g., 1, 3, or 5-minute segments). When the memory card is full, the oldest unlocked video files are automatically overwritten by new recordings. This ensures uninterrupted recording. The included 64GB SD card supports ample recording time, and the device supports up to 256GB.



Image: Visual representation of the loop recording function, showing old footage being overwritten by new footage on the 64GB memory card.

- **1700 Wide Angle Lens:** The camera features a 170-degree wide-angle lens, providing a broad field of view to capture more details and reduce blind spots during recording.



Image: An overhead view of a car illustrating the 170-degree wide-angle coverage provided by the dash cam, minimizing blind spots.

- **Super Night Vision:** Equipped with advanced technology, the dash cam enhances night recordings, making them brighter and clearer. This improves visibility and safety during nighttime driving.



Image: A car driving at night, demonstrating the enhanced clarity and brightness provided by the Super Night Vision feature of the dash cam.

- **G-Sensor (Gravity Sensor):** The built-in G-Sensor detects sudden movements or impacts (like collisions or hard braking) and automatically locks the current video file, preventing it from being overwritten by loop recording.
- **Parking Monitor:** When enabled, the parking monitor feature uses the G-Sensor to detect impacts while the vehicle is parked and automatically starts recording. This requires a continuous power supply, often achieved with the optional hardwire kit.
- **Motion Detection:** If enabled, the dash cam will start recording automatically when motion is detected in front of the camera, useful for monitoring your parked vehicle.

Menu Navigation

The dash cam features a user-friendly interface. Use the physical buttons on the side of the device to navigate

through menus and adjust settings. Refer to the on-screen prompts for specific options.
Common settings include:

- Video Resolution (e.g., 1080P FHD)
- Loop Recording Duration
- G-Sensor Sensitivity
- Parking Monitor On/Off
- Motion Detection On/Off
- Date/Time Stamp
- LCD Brightness/Screen Saver

Viewing and Managing Recordings

There are several ways to view and manage your recorded videos:

- **On the Dash Cam:** Use the playback mode on the dash cam's 3.0-inch screen to review recorded videos directly.
- **Using a Card Reader:** Remove the 64GB SD card from the dash cam and insert it into the included card reader. Connect the card reader to your computer's USB port. You can then access and copy video files from the SD card.
- **Direct USB Connection:** Connect the dash cam directly to your computer using a USB cable (not included, but standard mini USB). The dash cam may appear as a removable disk, allowing you to access files.

Note: Always safely eject the SD card from your computer or dash cam to prevent data corruption.

Maintenance

- **Clean the Lens:** Regularly clean the dash cam lens with a soft, lint-free cloth to ensure clear video quality. Avoid abrasive materials.
- **Format SD Card:** It is recommended to format the SD card periodically (e.g., once a month) to maintain optimal performance and prevent data errors. Formatting will erase all data on the card, so back up important files first.
- **Firmware Updates:** Check the Range Tour official website periodically for any available firmware updates. Follow the instructions provided with the update carefully.
- **Temperature Considerations:** Avoid exposing the dash cam to extreme temperatures for prolonged periods, as this can affect battery life and overall performance.

Troubleshooting

Problem	Possible Cause	Solution
Dash cam does not power on.	No power from car charger; faulty cable; dead internal battery.	Check car charger connection and vehicle's cigarette lighter socket. Try a different USB cable/charger. Charge the dash cam for a few hours.
Recording stops or freezes.	SD card error; full SD card; low quality SD card.	Format the SD card. Ensure the SD card is Class 10 or higher. Replace the SD card if issues persist.

Problem	Possible Cause	Solution
Video quality is poor/blurry.	Dirty lens; protective film still on lens; incorrect resolution setting.	Clean the lens. Remove any protective film. Check video resolution settings in the menu.
Loop recording is not working.	Too many locked files; loop recording disabled.	Manually delete locked files. Ensure loop recording is enabled in settings. Format the SD card.
G-Sensor is too sensitive/not sensitive enough.	G-Sensor sensitivity setting.	Adjust G-Sensor sensitivity in the dash cam's settings menu.

Specifications

- **Model:** V1 (ZV01)
- **Display:** 3.0-inch LCD Screen
- **Video Resolution:** 1080P Full HD
- **Viewing Angle:** 170 Degrees (Wide Angle)
- **Memory Card:** 64GB SD Card included (Supports up to 256GB)
- **Flash Memory Type:** SD
- **Special Features:** G-Sensor, Night Vision, Parking Monitor, Loop Recording, Motion Detection
- **Mounting Type:** Adhesive Windshield Mount
- **Power Source:** Car Charger (Mini USB)
- **Battery:** Lithium Polymer (included)
- **Product Dimensions:** 8 x 9 x 9 cm
- **Item Weight:** 64 Grams



Image: Technical drawing showing the dimensions of the Range Tour Dash Cam, including height, width, and depth in centimeters and inches.

Warranty and Support

For warranty information and technical support, please refer to the contact details provided on the product packaging or visit the official Range Tour website. Keep your purchase receipt as proof of purchase for warranty claims.

Online Resources:

- Product Page: Amazon Product Page
- Brand Store: Range Tour Brand Store

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