Inefala Inefala-L5970G64DE53-C490

Inefala 2.5K 3-Channel Dash Cam User Manual

Model: Inefala-L5970G64DE53-C490

1. INTRODUCTION

Thank you for choosing the Inefala 2.5K 3-Channel Dash Cam. This device is designed to provide comprehensive video surveillance for your vehicle, offering 360° coverage with front, rear, and interior cameras. Equipped with advanced features such as 2.5K resolution, IR night vision, G-sensor, and parking monitoring, it ensures reliable recording for your safety and peace of mind. Please read this manual carefully before use to ensure proper installation and operation.

2. PACKAGE CONTENTS

Please check the box for the following items:

- DVR (Dash Cam Unit)
- Car Charger
- Instruction Manual
- Mounting Bracket
- Rear Camera
- Rear Camera Cable
- 64GB TF Card (Pre-installed or included separately)

3. PRODUCT OVERVIEW AND FEATURES

The Inefala Dash Cam offers a robust set of features for comprehensive vehicle monitoring:

- **2.5K HD Resolution:** Captures clear and detailed video footage from the front camera.
- **3-Channel Recording:** Simultaneously records from the front, interior, and rear cameras, providing 360° coverage.
- **3.16" Display Screen:** Allows for real-time viewing and easy menu navigation.
- **8 IR Night Vision:** Enhanced infrared lights ensure excellent video quality in low-light conditions,

especially for interior recording.

- **64GB Memory Card Included:** Provides ample storage for recorded videos.
- **G-Sensor:** Automatically detects sudden impacts or collisions and locks the current video file to prevent overwriting.
- **Parking Monitoring:** Activates recording when motion or impact is detected while the vehicle is parked, protecting your car 24/7.
- **Loop Recording:** Continuously records by overwriting the oldest unlocked files when the memory card is full.
- **Reverse View Function:** Displays a clear view from the rear camera with parking guidelines when reversing.

4. SETUP

4.1 Inserting the Memory Card

Before first use, insert the provided 64GB TF card into the dash cam's memory card slot. Ensure the card is inserted correctly with the contacts facing the correct direction. A click indicates it is securely in place. It is recommended to format the memory card within the dash cam settings before initial use.

4.2 Mounting the Dash Cam

1. Clean the windshield area where you intend to mount the dash cam.
2. Attach the mounting bracket to the dash cam.
3. Secure the dash cam with the bracket to the windshield, ensuring it does not obstruct your view. Adjust the camera angle for optimal front road coverage.

4.3 Connecting Power

1. Connect the car charger to the dash cam's power input 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 along the windshield and dashboard to avoid interference with driving.

4.4 Installing the Rear Camera

1. Mount the rear camera on the rear windshield or license plate area, ensuring a clear view.
2. Connect the rear camera cable to the rear camera and route it to the main dash cam unit.
3. Plug the rear camera cable into the designated port on the main dash cam unit.
4. If the rear camera has a red wire for reverse trigger, connect it to your vehicle's reverse light power supply for automatic reverse view display.

5. OPERATING INSTRUCTIONS

5.1 Power On/Off

The dash cam will automatically power on and begin recording when connected to power and the vehicle engine starts. It will power off automatically when the engine is turned off (if connected to a switched power source).

5.2 Basic Recording

Once powered on, the dash cam will automatically start loop recording. Video files are saved in segments (e.g., 1, 3, or 5 minutes) to the memory card. When the card is full, the oldest unlocked files will be overwritten.

5.3 Screen Adjustment and Display Modes

The dash cam allows you to switch between different display modes on its 3.16" screen. This enables you to view footage from the front, rear, interior, or a combination of cameras simultaneously.

Image: Screen Adjustment. The dash cam display can be switched to show various camera views, including Front+Back+Inside, Front only, Back only, or Inside only, based on user preference.

5.4 G-Sensor Functionality

The built-in G-sensor detects sudden acceleration, braking, or collisions. When an event is detected, the current video file is automatically locked and saved to a protected folder, preventing it from being overwritten by loop recording. This ensures critical incident footage is preserved.

Image: G-Sensor and 24H Monitor. The G-Sensor automatically locks video during impacts, while the 24-hour monitor protects the vehicle from theft or damage when parked.

5.5 Parking Monitoring

With parking monitoring enabled, the dash cam will automatically start recording if it detects motion or an impact while your vehicle is parked and the engine is off. This feature requires a continuous power supply (e.g., a hardwire kit, sold separately) to function 24/7.

5.6 Reverse View Function

When the rear camera is properly installed and connected to the vehicle's reverse light, the dash cam display will automatically switch to the rear camera view with parking guidelines when the vehicle is put into reverse gear. This assists with safe parking maneuvers.
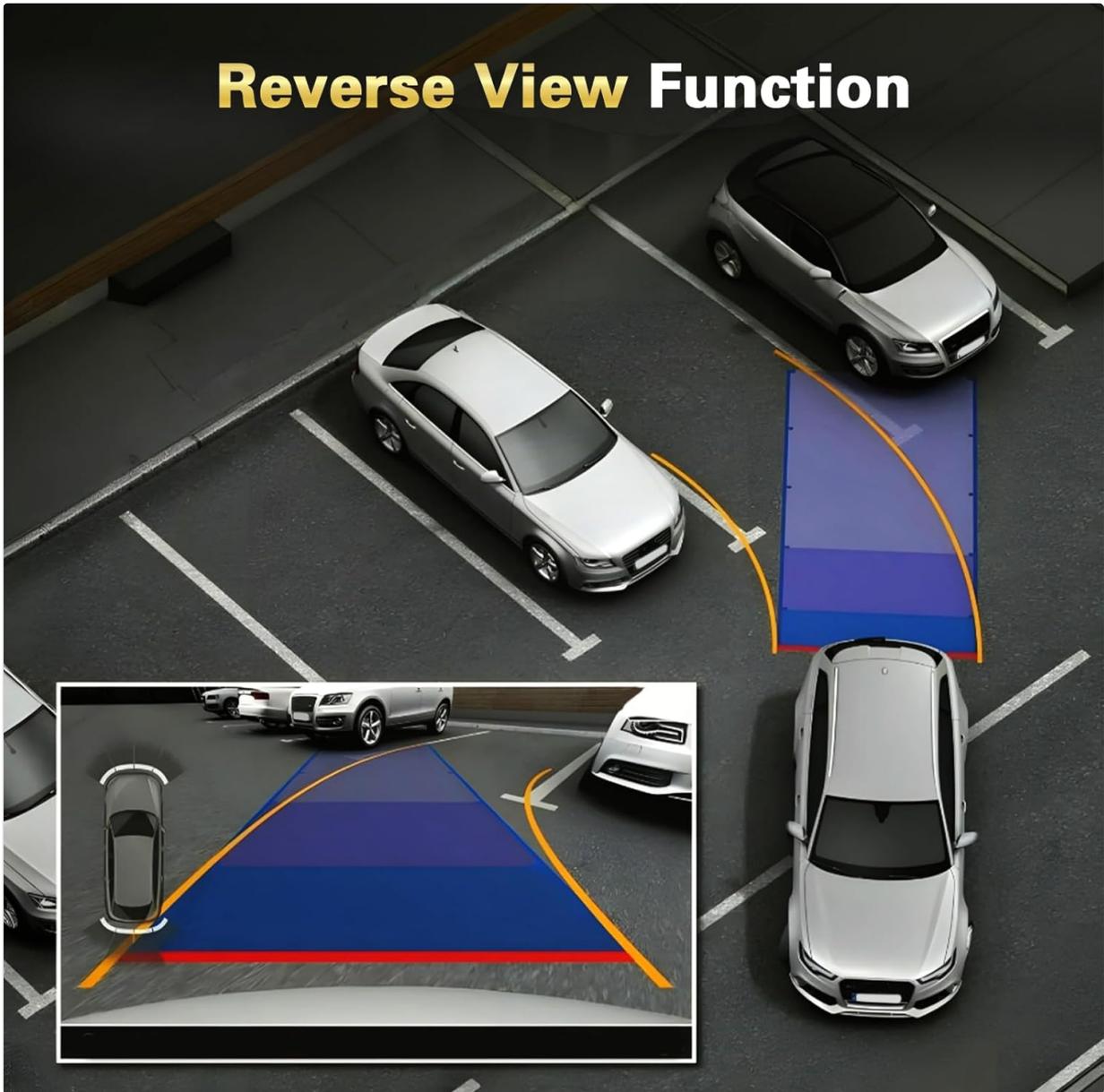
Image: Reverse View Function. The dash cam provides a clear rear camera feed with dynamic parking lines to aid in safe and precise vehicle maneuvering during reverse.

5.7 Night Vision

The dash cam is equipped with 8 IR lights for enhanced night vision, particularly for the interior camera. This ensures clear recordings even in very dark environments.

Image: Super Night Vision. The dash cam features advanced night vision capabilities, ensuring clear video capture in low-light conditions, indicated by the 'Night Mode' icon.

5.8 Loop Recording

The dash cam continuously records video in a loop. When the memory card reaches its capacity, the oldest unprotected files are automatically overwritten by new recordings. This ensures that recording never stops due to a full card.

Image: Loop Recording. The dash cam continuously records, overwriting older files when the 64GB TF card is full, ensuring uninterrupted video capture.

5.9 360° Protection

With three cameras (front, interior, and rear), the dash cam provides comprehensive 360° coverage around and within your vehicle, minimizing blind spots and enhancing overall security.

Image: 360° Protection. The multi-camera system offers wide-angle views (140°, 150°, 120°) to provide comprehensive surveillance around the vehicle.

6. SETTINGS MENU

Access the settings menu by pressing the Menu button (refer to your device's physical buttons for exact location). Navigate using the up/down buttons and confirm selections with the OK button. Common settings include:

- **Resolution:** Adjust video resolution for front, interior, and rear cameras.
- **Loop Recording:** Set the duration of video segments (e.g., 1, 3, 5 minutes).
- **G-Sensor Sensitivity:** Adjust the sensitivity of impact detection (Low, Medium, High).
- **Parking Monitor:** Enable/disable and adjust sensitivity for parking surveillance.
- **Date/Time:** Set the correct date and time for accurate timestamps on recordings.
- **Language:** Select your preferred language for the menu interface.
- **Format SD Card:** Erase all data on the memory card. (**Warning:** This will delete all recordings.)
- **Volume:** Adjust speaker volume.
- **Screen Saver:** Set the time after which the screen turns off automatically.

7. Maintenance

7.1 Formatting the Memory Card

It is recommended to format the memory card regularly (e.g., once a month) to ensure optimal performance and prevent data corruption. Always format the card using the dash cam's menu settings, not on a computer.

7.2 Cleaning the Lenses

Periodically clean the lenses of all cameras (front, interior, and rear) with a soft, lint-free cloth. Avoid using abrasive cleaners that could scratch the lens surface. Clean lenses ensure clear video quality.

7.3 Firmware Updates

Check the manufacturer's website periodically for any available firmware updates. Firmware updates can improve performance, add new features, or fix bugs. Follow the instructions provided with the firmware update carefully.

8. Troubleshooting

- **Dash Cam does not power on:**
    - Ensure the car charger is properly connected to both the dash cam and the vehicle's power outlet.
    - Check if the vehicle's 12V power outlet is functioning.
    - Try a different power source or cable if available.

- **Recording stops or files are corrupted:**
    - Format the memory card using the dash cam's settings.
    - Ensure you are using a high-speed (Class 10 or U3) TF card.
    - The memory card may be faulty; try replacing it.

- **Video quality is poor:**
    - Clean the camera lenses.
    - Ensure the protective film has been removed from the lenses.
    - Check the video resolution settings in the menu.

- **G-Sensor is too sensitive or not sensitive enough:**
    - Adjust the G-sensor sensitivity setting in the menu (Low, Medium, High) to suit your driving conditions.

- **Parking Monitor is not working:**
    - Ensure the parking monitor feature is enabled in the settings.
    - Verify that the dash cam is receiving continuous power when the vehicle is off (requires a hardwire kit).

9. Specifications

Brand	Inefala
Model Number	Inefala-L5970G64DE53-C490

Connectivity Technology	Bluetooth, USB
Control Method	Touch
Product Dimensions (DxWxH)	3.9P x 12l x 4.5H cm
Compatible Devices	Smartphone
Batteries Included	No
Country of Origin	China

10. WARRANTY AND SUPPORT

This Inefala Dash Cam comes with a **24-month product warranty**. We also offer **lifetime online support** for consultations and aim to respond to inquiries within 24 hours. For technical assistance or warranty claims, please contact Inefala customer support through the retailer where you purchased the product or visit the official Inefala website for contact information.