Onn Dual Dash Cam

ONN Dual Dash Cam User Manual

Model: Dual Dash Cam

Introduction

This manual provides comprehensive instructions for the installation, operation, and maintenance of your ONN Dual Dash Cam. Please read this manual thoroughly before using the device to ensure proper functionality and safety.
The ONN Dual Dash Cam features a 3-inch LCD screen and dual cameras, offering a 1080P wide-angle front view and a 480P cabin view with IR night vision. Key features include loop recording, a built-in G-sensor for impact detection, and support for up to 128GB microSD cards.

Package Contents

Verify that all items are present in the package:

- ONN Dual Dash Cam Unit
- Car Mount (Suction Mount)
- Car Charger
- 16GB microSD Card
- Quick Guide
- User Manual (this document)
- Warranty Card



Image: Contents of the ONN Dual Dash Cam package, including the dash cam unit, car mount, car charger, and a 16GB microSD card.

Product Overview



Image: Front view of the ONN Dual Dash Cam, showing the main unit attached to the suction cup mount, with the front camera and LCD screen visible.



Image: Side view of the ONN Dual Dash Cam, highlighting the 'onn.' brand logo on the device casing.



Image: Side view of the ONN Dual Dash Cam, showing the power button, reset button, USB port, and microSD card slot.



Image: Close-up of the ONN Dual Dash Cam's front and cabin-facing cameras, with the LCD screen displaying a road view.

The dash cam features a compact design with a 3-inch LCD screen for real-time viewing and playback. It includes a front-facing camera for road recording and an adjustable cabin-facing camera with infrared (IR) emitters for interior recording,

even in low-light conditions.
Controls are located on the front and sides of the device, providing access to settings, playback, and power functions. A microSD card slot is provided for storage, and a USB port for power and data transfer.

Setup

1. Installing the MicroSD Card

Locate the microSD card slot on the side of the dash cam. Insert the provided 16GB microSD card (or another compatible card up to 128GB) into the slot until it clicks into place. Ensure the card is inserted correctly to avoid damage.

2. Mounting the Dash Cam

1. Clean the desired area on your windshield thoroughly.
2. Attach the suction cup mount to the dash cam unit.
3. Press the suction cup firmly against the cleaned windshield surface and engage the locking lever to secure it.
4. Adjust the angle of the dash cam to ensure a clear view of the road and, if desired, the cabin.

3. Powering the Device

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

Operating Instructions

Basic Operation

- **Power On/Off:** The dash cam powers on automatically with vehicle ignition. To manually power on/off, press and hold the power button on the side of the unit.
- **Recording:** Recording begins automatically when the device powers on. A red indicator light or icon on the screen will confirm recording is active.
- **Picture-in-Picture Display:** The 3-inch LCD screen can display both front and cabin camera views simultaneously. Use the designated button (refer to Quick Guide for specific button layout) to switch between display modes (front only, cabin only, picture-in-picture).
- **Adjusting Cabin Camera:** The cabin-facing camera can be rotated to adjust its viewing angle as needed.

Key Features

- **Loop Recording:** The dash cam continuously records video in segments (e.g., 1, 3, or 5 minutes). When the microSD card is full, the oldest un-locked footage is automatically overwritten by new recordings.
- **G-Sensor (Emergency Recording):** The built-in G-sensor detects sudden impacts or collisions. When an impact is detected, the current video segment is automatically locked and saved to prevent it from being overwritten by loop recording. The sensitivity of the G-sensor can be adjusted in the settings menu.
- **Parking Mode:** With the G-sensor enabled, the dash cam can automatically start recording for up to 3 minutes if an impact is detected while the vehicle is parked. This feature requires the dash cam to be powered, typically via a hardwire kit (not included) or the built-in battery for short durations.
- **IR Night Vision:** The cabin-facing camera utilizes infrared emitters to capture clear video inside the vehicle even in low-light or dark conditions.
- **Microphone & Speaker:** The integrated microphone records audio within the vehicle. The speaker allows for audio playback during video review on the device.

Menu Settings

Access the menu by pressing the Menu button (refer to Quick Guide). Navigate through options using the arrow buttons and confirm selections with the OK button. Common settings include:

- Video Resolution (Front: 1080P, Cabin: 480P)
- Loop Recording Duration
- G-Sensor Sensitivity (Off, Low, Medium, High)
- Date/Time Stamp
- Audio Recording (On/Off)
- Format SD Card

Viewing Recorded Footage

On the Device

Enter playback mode via the menu. Use navigation buttons to select and play recorded video files directly on the 3-inch LCD screen.

On a Computer

Remove the microSD card from the dash cam. Insert the microSD card into a compatible card reader connected to your computer. Video files are typically stored in .MOV format and can be played using standard media players.

Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the dash cam's body and lens. Do not use abrasive cleaners or solvents.
- **MicroSD Card Formatting:** It is recommended to format the microSD card regularly (e.g., once a month) to maintain optimal recording performance and prevent data corruption. This can be done through the dash cam's menu settings. Formatting will erase all data on the card, so back up important files first.
- **Temperature:** Avoid exposing the dash cam to extreme temperatures for prolonged periods, as this can affect battery life and device performance.

Troubleshooting

Problem	Possible Cause / Solution
Dash cam does not power on.	Ensure the car charger is securely connected to both the dash cam and the vehicle's 12V outlet. Check if the vehicle's 12V outlet is receiving power. The built-in battery may be depleted. Charge the device for a few minutes.
Recording stops unexpectedly.	The microSD card may be full. Format the card (back up important files first). The microSD card may be faulty or incompatible. Try a different, high-speed (Class 10 or higher) card. Power interruption. Ensure stable power supply.
Video footage is blurry or unclear.	Clean the camera lenses with a soft cloth. Ensure the protective film has been removed from the lenses. Adjust the dash cam's position to avoid glare or reflections on the windshield.

Problem	Possible Cause / Solution
G-sensor is too sensitive/not sensitive enough.	Adjust the G-sensor sensitivity setting in the dash cam's menu.
Cannot view videos on computer.	Ensure your computer has compatible media player software for .MOV files. Try a different microSD card reader or USB port. The microSD card may be corrupted. Try formatting it (after backing up).

Specifications

- **Display:** 3-inch LCD Screen
- **Front Camera Resolution:** 1080P Full HD
- **Cabin Camera Resolution:** 480P
- **Front Lens Angle:** 120 degrees Ultra-Wide Angle
- **Storage:** Supports microSD cards up to 128GB (16GB included)
- **Video Format:** .MOV
- **Features:** Loop Recording, G-Sensor, IR Night Vision (Cabin Camera), Built-in Microphone & Speaker, Picture-in-Picture Display
- **Connectivity:** USB
- **Power Source:** Car Charger (12V)
- **Dimensions:** Approximately 6.77 x 4.33 x 4.33 inches (Package)
- **Weight:** Approximately 9.9 ounces (Item)

Warranty Information

This product is covered by a limited warranty. Please refer to the included Warranty Card for detailed terms and conditions, including warranty period and claim procedures. Keep your purchase receipt as proof of purchase.

Customer Support

For technical assistance, troubleshooting, or warranty inquiries, please contact ONN customer support. Refer to the contact information provided on the Warranty Card or the Quick Guide included with your product.

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Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Answered questions about this manual

Why is the screen black on my Onn Dual Dash Cam?

If the screen on your Onn Dual Dash Cam is black, it usually indicates a power supply issue or that the device is turned off. Please try the following troubleshooting steps:Check Power Connections: Ensure...

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