

EONON R0015

Eonon R0015 Smart Dashcam Instruction Manual

Model: R0015

1. INTRODUCTION

The Eonon R0015 Smart Dashcam is designed to provide reliable video recording of your driving, enhancing safety and offering evidence in case of incidents. This dashcam records in HD 720P and integrates with compatible Eonon Android head units, offering features like Advanced Driver-Assistance Systems (ADAS) and seamless loop recording.

2. PRODUCT FEATURES

- **HD 720P Recording:** Captures high-quality video at 30 frames per second, day and night.
- **ADAS System:** Includes Front Collision Warning, Lane Departure Warning, and Front Vehicle Start Alert for enhanced driving safety.
- **Seamless Loop Recording:** Automatically overwrites the oldest footage with new recordings when the storage card is full, ensuring continuous operation.
- **Manual File Locking:** Allows users to manually lock important video clips to prevent them from being overwritten.
- **Micro SD Card Support:** Compatible with Class 10 Micro SD cards from 8GB to 32GB (card not included).
- **Easy USB Connection:** Plug and play functionality with compatible Eonon Android head units.
- **Built-in Dimmer:** Adjusts display brightness.
- **Audio Recording:** Supports on/off audio recording.
- **Video Playback & Photograph:** Allows reviewing recorded videos and capturing still images.
- **GPS Data Display:** Shows time, latitude, and longitude on recorded footage.
- **Multi-language Support:** English, Simplified Chinese, Japanese.

3. SETUP AND INSTALLATION

3.1 Package Contents

Please ensure all items are present:

- Eonon R0015 Smart Dashcam
- USB Connection Cable
- Mounting Bracket (with adhesive)

3.2 Physical Installation

1. **Choose Mounting Location:** Select a position on your windshield that does not obstruct your view, typically behind the rearview mirror.
2. **Clean Surface:** Ensure the windshield surface is clean and dry before applying the adhesive mount.
3. **Attach Dashcam:** Securely attach the dashcam to the mounting bracket, then firmly press the bracket onto the chosen windshield location.
4. **Connect USB Cable:** Route the USB cable neatly along the windshield trim and connect it to an available USB port on your Eonon Android head unit.



Figure 3.2.1: Dashcam installation steps, showing mounting and USB connection.

3.3 Micro SD Card Insertion

1. Locate the Micro SD card slot on the dashcam.
2. Insert a Class 10 Micro SD card (8GB-32GB recommended) into the slot until it clicks into place. Ensure the card is inserted correctly to avoid damage.
3. It is recommended to format the SD card through the dashcam's settings on your head unit before first use.

Seamless Loop Recording

When the storage is full, the dashcam can ensure continuous recording by replacing the oldest videos with the newest videos. With loop recording, the dashcam will never miss a crucial incident and it allows the dashcam to keep recording while reserving video evidence of earlier incidents.



Figure 3.3.1: Inserting the Micro SD card into the dashcam.

3.4 Software Installation

Once the dashcam is physically connected to your Eonon Android head unit, you will need to install the accompanying application:

- Access the file manager on your Eonon head unit.
- Locate the dashcam application file (often an .apk file) provided by Eonon or accessible via the dashcam's internal storage when connected.
- Install the application. Follow any on-screen prompts.

HD 720P Dashcam

The Eonon 720P HD dashcam records high-quality and smooth video day and night at 30 frames per second and captures all the critical details such as license plates, signposts etc. Never miss what matters



Figure 3.4.1: Dashcam display on a compatible Eonon Android head unit.

4. OPERATING INSTRUCTIONS

4.1 Automatic Operation

The dashcam is designed for automatic operation. Once connected and the application is running on your head unit, it will:

- Power on automatically when your vehicle starts.
- Begin recording automatically.
- Power off automatically when your vehicle is turned off.

4.2 Recording Modes

- **Continuous Loop Recording:** The dashcam continuously records video in segments. When the Micro SD card reaches its capacity, the oldest unlocked files are automatically overwritten to make space for new recordings.
- **Manual File Locking:** During recording, you can manually trigger the dashcam to lock the current video segment, preventing it from being overwritten by loop recording. This is useful for saving important events.

Compatible with Eonon Android Head Units

Use this dashcam with your Android head units to check the recording videos, monitor road conditions and so forth with the big screen of your head unit. Enjoy a more smooth and convenient experience!



Figure 4.2.1: Seamless loop recording process.

More Storage for Recording Your Driving

You just need to insert the Micro SD card (not included) into the card slot of the dashcam and then you can use it to record and save more footage without occupying the memory of your Android head units.

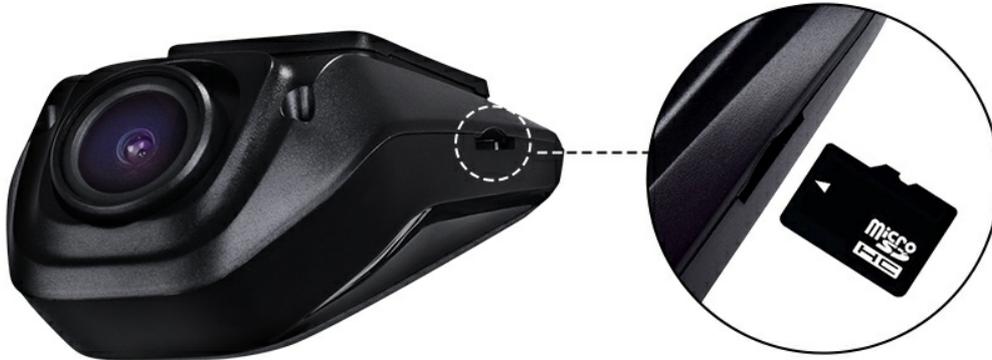


Figure 4.2.2: Retaining important footage by locking files.

4.3 ADAS System (Advanced Driver-Assistance Systems)

The ADAS system provides real-time audio alerts to assist with safer driving:

- **Front Collision Warning:** Alerts you if you are approaching a vehicle too quickly.
- **Lane Departure Warning:** Notifies you if your vehicle drifts out of its lane without signaling.
- **Front Vehicle Start Alert:** Informs you when the vehicle in front of you starts moving from a stop.

These features can be configured or disabled within the dashcam application settings on your Eonon head unit. Some users may find certain alerts intrusive; adjust settings to your preference.

Size 83x45x30mm	Mirror Diameter 17mm	Features
		<ul style="list-style-type: none">-Supports loop recording time can be set as:1min / 2min / 3min-Supports on/off audio-Built-in dimmer-Supports video playback-Supports locking files manually-Supports photograph-Supports display of time, latitude and longitude-ADAS features:front collision warning,lane departure warning, front vehicle start alert-Languages:English ,Simplified Chinese,Japanese
		Parameter
		<p>Operating voltage:DC5V Operating current: 0.5A Operating temperature:-20~60 degrees Storage temperature:-30~70 degrees Recording resolution: 1280*720 30fps Video format:AVI Storage: Support Class 10 Micro SD card (not included) or above with capacity from 8 to 32GB Product size:83*45*30mm Net weight:0.15kg Length of power cable: 2.7m</p>

Figure 4.3.1: ADAS system for safer driving.

4.4 Video Playback and Settings

Access recorded videos and adjust dashcam settings through the dedicated application on your Eonon head unit. The interface typically includes options for:

- Viewing live feed.
- Browsing and playing back recorded footage.
- Adjusting recording resolution (if applicable).
- Enabling/disabling audio recording.
- Formatting the Micro SD card.
- Configuring ADAS features.



Figure 4.4.1: HD 720P Dashcam recording view with on-screen controls.

5. MAINTENANCE

5.1 Micro SD Card Management

- **Regular Formatting:** To maintain optimal performance and prevent data corruption, it is recommended to format the Micro SD card periodically (e.g., once a month) through the dashcam application. This will erase all data on the card, so back up any important files first.
- **Card Replacement:** Micro SD cards have a limited lifespan due to continuous read/write cycles. If you experience recording errors or data loss, consider replacing the card with a new Class 10 Micro SD card (8GB-32GB).

5.2 Cleaning the Dashcam

- **Lens Cleaning:** Gently wipe the dashcam lens with a soft, lint-free cloth to ensure clear video quality. Avoid abrasive materials or harsh chemicals.
- **Body Cleaning:** Use a slightly damp cloth to clean the body of the dashcam. Do not immerse the device in water or use excessive moisture.

6. TROUBLESHOOTING

If you encounter issues with your Eonon R0015 Dashcam, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
"Device Not Detected" or "No Card" error	Loose USB connection, incompatible or faulty SD card, SD card not inserted correctly, software issue.	1. Ensure USB cable is securely connected to both dashcam and head unit. 2. Reinsert the Micro SD card. 3. Try a different Class 10 Micro SD card (8GB-32GB). 4. Format the SD card. 5. Reinstall the dashcam application on the head unit.
ADAS alarms are too frequent or annoying	ADAS settings are too sensitive, or a software bug in the application.	1. Access the dashcam application settings on your head unit and adjust the sensitivity of ADAS features or disable specific alerts. 2. If issues persist, consider reverting to an earlier version of the dashcam application if available, or contact Eonon support for an updated version.
Poor video quality, especially in bright sunlight	Lens obstruction, extreme lighting conditions, inherent camera limitations.	1. Clean the dashcam lens. 2. Ensure the windshield area in front of the dashcam is clear. 3. While the camera performs well in most conditions, extreme glare or direct sunlight can affect video clarity. This may be an inherent limitation.
Dashcam does not power on/off with vehicle	USB power issue, head unit settings, faulty cable.	1. Check the USB connection. 2. Ensure the head unit's USB port is providing power. 3. Test with a different USB cable if possible. 4. Verify head unit settings related to USB power or accessory control.

7. SPECIFICATIONS

Feature	Detail
Product Dimensions	83 x 45 x 30 mm (3.27 x 1.77 x 1.18 inches)
Item Weight	0.15 kg (4.9 ounces)
Operating Voltage	DC 5V
Operating Current	0.5A
Operating Temperature	-20°C to 60°C (-4°F to 140°F)
Storage Temperature	-30°C to 70°C (-22°F to 158°F)
Recording Resolution	1280 x 720 at 30fps

Feature	Detail
Video Format	AVI
Storage Support	Class 10 Micro SD card, 8GB to 32GB (not included)
Real Angle of View	170 Degrees
Optical Sensor Technology	CMOS
Optical Sensor Size	1/2.7 inch
Connectivity	USB
Cable Length	2.7 meters

Compatible with Eonon Android Head Units

Use this dashcam with your Android head units to check the recording videos, monitor road conditions and so forth with the big screen of your head unit. Enjoy a more smooth and convenient experience!



Figure 7.1.1: Eonon R0015 Dashcam dimensions and specifications overview.

8. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the documentation provided with your purchase or visit the official Eonon website. You can also find support resources and contact information on the [EONON Store on Amazon](#).

