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> AMprime 9.66" Mirror Dash Cam with CarPlay & Android Auto User Manual

## AMprime RM

# AMprime 9.66" Mirror Dash Cam with CarPlay & Android Auto User Manual

Model: RM

## INTRODUCTION

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This manual provides detailed instructions for the installation, operation, and maintenance of your AMprime 9.66" Mirror Dash Cam. This device integrates a 1080P front and rear dash camera with advanced features like wireless CarPlay and Android Auto, parking monitoring, and voice control, designed to enhance your driving safety and convenience.

## PACKAGE CONTENTS

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Verify that all items listed below are included in your package:

- AMprime 9.66" Mirror Dash Cam Unit
- Power Cord
- 6m Extension Cord
- 3m AUX Cable
- Rear Camera
- 64GB TF Card
- Bandage (for mounting)
- Accessories (mounting clips, screws)
- User Manual (this document)
- Hardwire Kit



Image: Contents of the AMprime 9.66" Mirror Dash Cam package, including the main unit, cables, rear camera, and accessories.

## SETUP AND INSTALLATION

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### 1. Mounting the Dash Cam

1. Secure the main mirror dash cam unit over your existing rearview mirror using the provided bandages/straps. Ensure it is firmly attached and does not obstruct your view.
2. Adjust the front camera lens on the dash cam unit to capture the desired view of the road ahead.

### 2. Installing the Rear Camera

1. Mount the rear camera at the back of your vehicle, typically above the license plate or on the rear window. Ensure a clear view.
2. Route the 6m extension cord from the rear camera to the main dash cam unit. Connect the rear camera cable to the designated port on the main unit.
3. If using the reversing assist feature, connect the red wire from the rear camera cable to your vehicle's reverse light power supply.

### 3. Power Connection

1. Connect the power cord to the dash cam unit and plug the other end into your vehicle's 12V power outlet (cigarette lighter).
2. For 24-hour parking monitoring, use the included hardwire kit to connect the dash cam directly to your vehicle's fuse box. Refer to the hardwire kit instructions for detailed wiring.

### 4. Inserting the TF Card

Insert the provided 64GB TF card into the designated slot on the dash cam unit. Ensure it is inserted correctly until it clicks into place.

# Mirror Dash Cam Compatible with Apple CarPlay & Android Auto

By bluetooth and wifi to connect to your smartphone and easily access your familiar functions, such as music, navigation, messages, etc.



Image: The AMprime 9.66" Mirror Dash Cam mounted over a car's rearview mirror, displaying the CarPlay interface.

## OPERATING INSTRUCTIONS

### 1. Basic Operation

- **Power On/Off:** The device will automatically power on when the vehicle starts and power off when the vehicle is turned off. You can also manually power it on/off using the power button.
- **Screen On/Off:** Press the power button briefly to turn the screen off, allowing it to function as a traditional rearview mirror. Tap the screen to turn it back on.
- **Touch Screen:** The 9.66-inch full HD touch screen allows for intuitive navigation through menus and features.

### 2. CarPlay & Android Auto

The dash cam supports wireless CarPlay and Android Auto for seamless smartphone integration.

1. Ensure your phone's Bluetooth and Wi-Fi are enabled.

2. On the dash cam, select either "Apple CarPlay" or "Android Auto" from the main menu.
3. Follow the on-screen prompts to connect your smartphone via Bluetooth. Once connected, the system will automatically establish a Wi-Fi connection for CarPlay/Android Auto functionality.
4. You can choose between full-screen or half-screen mode for the CarPlay/Android Auto interface before connecting.

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Video: Demonstration of connecting a smartphone to the AMprime Mirror Dash Cam for CarPlay and Android Auto functionality.

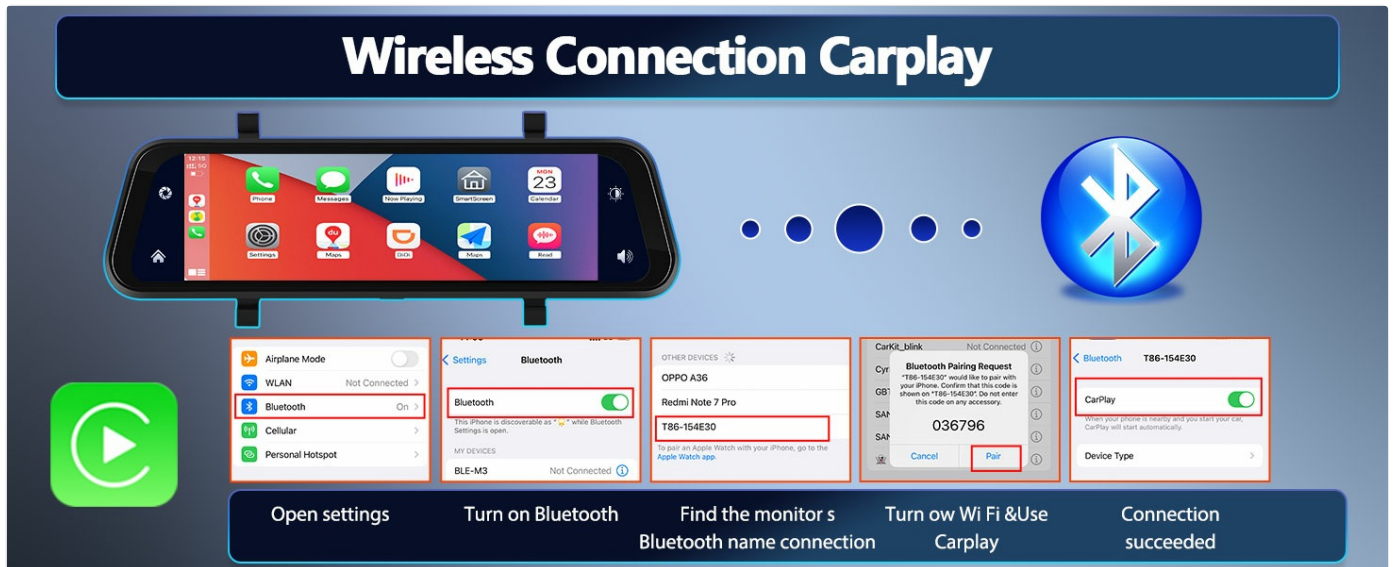


Image: Visual guide for establishing a wireless CarPlay connection with the dash cam.

### 3. Voice Control

Use fixed voice commands for hands-free operation:

- "Turn on the Screen"
- "Turn off Display"
- "Show Rear Camera"
- (Other commands may be available depending on the connected CarPlay/Android Auto system)

# Intelligent Voice Control



Image: Illustration of voice control functionality for the dash cam.

## 4. Recording Features

- **Loop Recording:** The dash cam automatically overwrites the oldest unlocked video files when the TF card is full, ensuring continuous recording.
- **G-Sensor:** In case of a sudden impact or collision, the built-in G-sensor detects the event and automatically locks the current video file to prevent it from being overwritten.
- **Parking Monitoring:** With the hardwire kit installed, the dash cam can monitor your vehicle for impacts or motion for up to 24 hours after the engine is turned off.



## G-sensor

When the G-sensor detects a collision the current video will be locked.



## Parking Monitor

With the dedicated hardware kit, the dash cam could keep recording after turn off the car.



## Loop Recording

Automatically overwrites the unlocked oldest recordings when the memory card is full.

Image: Visual explanation of G-sensor, parking monitoring, and loop recording features.

### 5. Reversing Assist

When the vehicle is shifted into "R" (Reverse) gear, the screen automatically switches to the rear camera view, displaying adjustable parking guidelines to assist with safe parking.

# Reverse Parking Assistance

Switch to reversing image automatically when driving in reverse.  
Reversing can be adjusted up/down,narrow/width.



Image: Rear camera view with parking assist lines on the dash cam screen.

## 6. Audio Output

The dash cam offers multiple audio output options:

- **Built-in Speakers:** For direct audio playback from the unit.
- **FM Transmitter:** Match the dash cam's FM frequency with your car's FM radio to transmit audio through your car's speakers.
- **AUX Cable:** Connect the provided 3m AUX cable from the dash cam to your car's AUX input for high-quality audio transmission.
- **Bluetooth Music:** Connect your phone via Bluetooth to play music through the dash cam's speakers or transmitted to your car's audio system.

# FM Transmitter & Bluetooth Music

Adjust the dash cam record's FM and the car's FM to the same frequency, it can connect the car speaker



Image: FM Transmitter and Bluetooth Music functionality demonstration.

## MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the screen and camera lenses. Avoid abrasive cleaners or solvents.
- **TF Card:** Regularly format the TF card (at least once a month) to ensure optimal performance and prevent data corruption. Back up any important recordings before formatting.
- **Firmware Updates:** Check the manufacturer's website periodically for firmware updates to ensure your device has the latest features and bug fixes.
- **Temperature:** Avoid exposing the device to extreme temperatures for prolonged periods, as this can affect battery life and performance.

## TROUBLESHOOTING

Problem	Possible Solution
Device does not power on.	Check the power connection to the 12V outlet or hardwire kit. Ensure the vehicle's ignition is on.
CarPlay/Android Auto fails to connect.	Ensure Bluetooth and Wi-Fi are enabled on your smartphone. Restart both the dash cam and your phone. Verify the correct Bluetooth device is selected.
Poor video quality (night vision).	Ensure camera lenses are clean. WDR technology is active for optimal low-light performance. Adjust camera angle if glare is an issue.
TF card error or recording issues.	Format the TF card through the device settings. If the issue persists, try a new high-speed (Class 10 or U3) TF card.
FM transmitter audio quality is poor.	Ensure the FM frequency on the dash cam matches your car's radio exactly. Try a different, clear FM frequency. Consider using the AUX cable for better audio quality.

## SPECIFICATIONS

- **Model:** RM
- **Screen Size:** 9.66 inches
- **Video Resolution:** 1080P (Front & Rear)
- **Field of View:** 170 Degrees (Rear Camera)
- **Special Features:** Wireless CarPlay, Android Auto, Voice Control, Night Vision, WDR, G-Sensor, Loop Recording, 24H Parking Monitor, Reversing Assist, FM Transmitter, Bluetooth Music
- **Connectivity:** Bluetooth, Wi-Fi (for CarPlay/Android Auto)
- **Storage:** Supports TF Card (64GB included)
- **Power Source:** 12V Car Power Outlet, Hardwire Kit
- **Product Dimensions:** 4.72 x 13.39 x 2.76 inches
- **Item Weight:** 12.4 ounces

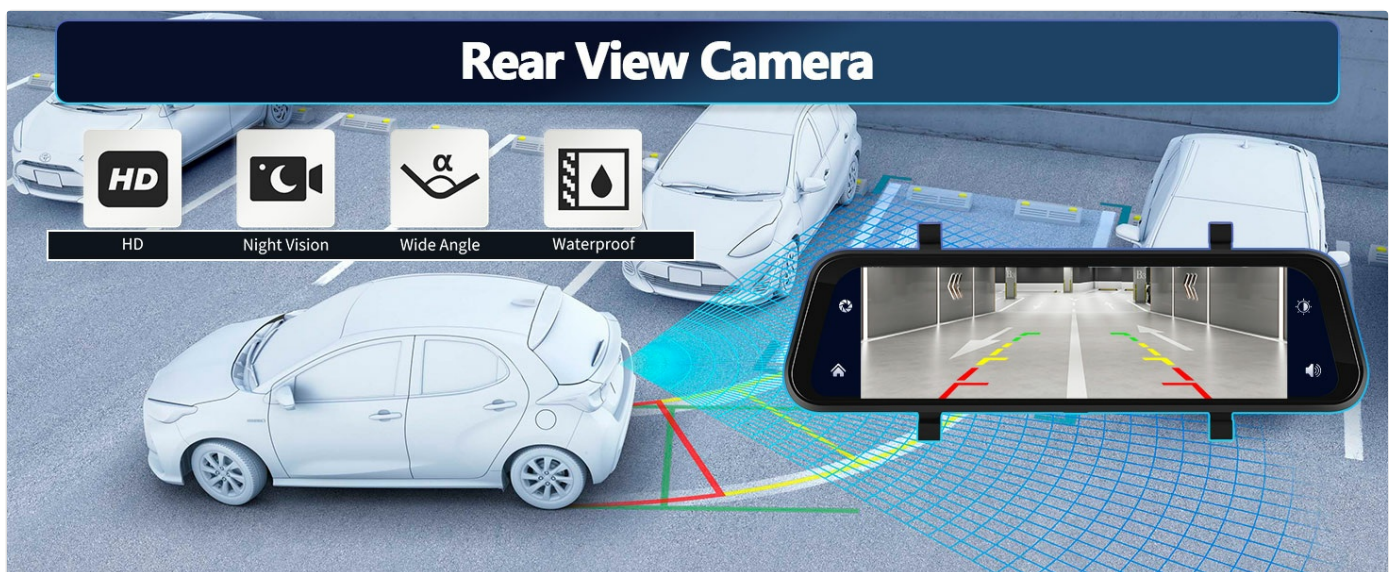


Image: Detailed dimensions and component overview of the AMprime 9.66" Mirror Dash Cam.

## WARRANTY INFORMATION

Please refer to the warranty card included in your package for specific warranty terms and conditions. Keep your purchase receipt as proof of purchase for any warranty claims.

## CUSTOMER SUPPORT

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For technical assistance, troubleshooting, or any product-related inquiries, please contact AMprime customer support:

- **Email:** [AmprimeTechSupport@yeah.net](mailto:AmprimeTechSupport@yeah.net)
- **Online Resources:** Visit the [AMprime Store on Amazon](#) for additional product information and FAQs.

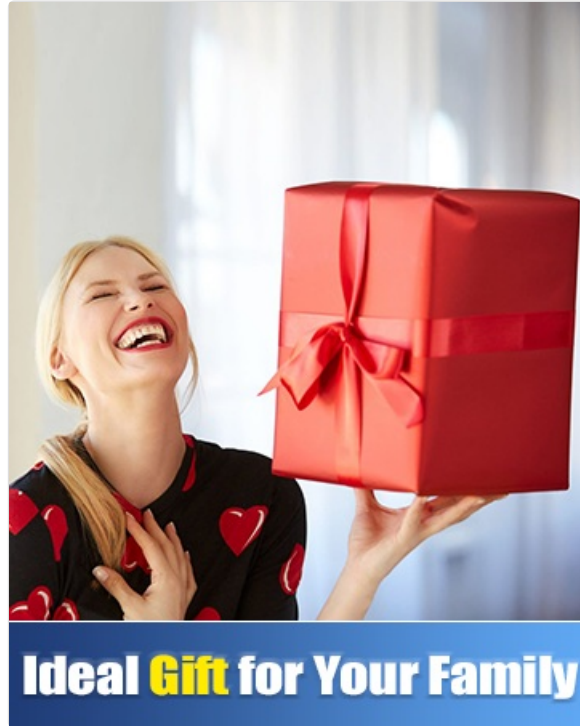


Image: AMprime customer support contact information.