Saved from manuals.plus.
Open the live page for links to other documents and user manuals.

Rimoody Truck Mirror Dash Cam System

Rimoody Truck Mirror Dash Cam System Instruction Manual

Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your Rimoody Truck Mirror Dash Cam System. This system features a 10.36-inch HD IPS touchscreen display, two rear view cameras, Blind Spot Detection (BSD) technology, Digital Video Recording (DVR) with loop recording, IP67 waterproof cameras, and enhanced night vision capabilities. It is designed for a wide range of vehicles, including trucks, buses, vans, and agricultural vehicles, operating within a DC 7V-32V power range.

Package Contents

Please verify that all items listed below are included in your package:

- 1 x 10.36-inch Display Monitor
- 2 x Rear View Cameras
- 1 x Power Cord
- 2 x 6-meter Extension Cords (for cameras)
- 1 x Support Bracket/Mounting Accessories
- 1 x User Manual (this document)
- Additional Accessories (screws, etc.)



Figure 1: Included components and their connections. This image illustrates the main display unit, two rear cameras, power cable, two 6-meter extension cables, mounting accessories, and the user manual.

Specifications

Monitor Specifications:

Screen Resolution: 720 x 1600 IPS screen

Power Supply Voltage: DC 7V-32V

Power: 7 W

Built-in Buzzer: 2 W

DVR Function: Supported

BSD Function: Supported

Video Playback Format: TS format

Video Compression Format: H.264

TF Card Support: For recording

Loop Recording: 1/2 minute intervals

Video Watermark: Switchable

Time-lapse Video: Off / 1 / 12 / 24 hours

Mute Recording: Switchable

Screen Sleep: Off / 10 / 30 / 60 seconds

Screen Brightness: Low / Medium / High

Split Mode: 7:3 / 6:4 / 5:5

Languages: Chinese, English, Japanese, Korean

Volume: 0 / 1 / 2 / 3 / 4

Button Sound: Switchable

Voice Control: Switchable

Front Mirror: Switchable

Restore Factory Settings: Supported

Formats: Supported

Software Version View: Supported

Time Setting: Supported

Screen Setting: Brightness / Saturation / Contrast

Video Playback: Supported

Camera Specifications:

Standards: PAL / NTSC

Video Output: 1080P

Night Vision Image: Automatic control

Waterproof Rating: IP67

Operating Temperature: -22℉~176℉ (-30℃~80℃)

Wide Viewing Angle: Reduces blind spots

General Specifications:

Brand: Rimoody

Vehicle Service Type: Car, Truck, Bus, Van, Agricultural Vehicle, Heavy Vehicle

Special Features: 10.36 inch HD Vertical Screen, BSD System, Dual Cameras, Night Vision, Loop Recording DVR

Mounting Type: Rearview Mirror Mount

Colour: Black

Product Dimensions (D x W x H): 7D x 14W x 10H centimetres

Batteries Included: No

Display Type: LCD

Frame Rate: 30 fps



Figure 2: The system is compatible with a wide range of vehicles, including various trucks and buses, supporting 12V-24V power systems.

Setup and Installation

Follow these steps for proper installation of your dash cam system.

1. Mounting the Display Monitor

1. Securely attach the 10.36-inch display monitor to your vehicle's existing rearview mirror using the provided mounting straps or bracket. Ensure it is firmly in place and does not obstruct your view.

2. Adjust the monitor's angle for optimal viewing from the driver's seat.

2. Installing the Rear View Cameras

The system includes two IP67 waterproof cameras for comprehensive rear and side views.

1. Choose suitable locations for the two rear cameras. Common placements include the rear of the vehicle and a side mirror for blind spot monitoring. Ensure the chosen spots provide a clear, unobstructed view.
2. Mount each camera securely using the provided screws and brackets.
3. Route the camera cables carefully through the vehicle's interior to the main display unit, ensuring they are not pinched or exposed to damage. Use the 6-meter extension cords as needed.
4. Connect the camera cables to the corresponding CH1 and CH2 inputs on the display monitor's wiring harness.



Figure 3: One of the two rear cameras, demonstrating its wide-angle view, night vision capabilities, and IP67 waterproof rating for reliable performance in various conditions.

3. Power Connection

1. Connect the power cord to the display monitor's wiring harness.
2. Identify the vehicle's power sources: **B+** (constant power), **ACC** (accessory power, turns on with ignition), and **GND** (ground).
3. Connect the power cord wires to the corresponding vehicle power sources. Ensure a secure and correct connection to prevent damage to the system or vehicle. The system supports DC 7V-32V input.



Figure 4: Wiring diagram showing connections for the display monitor, two cameras (CH1, CH2), and power inputs (GND, ACC, B+).

4. Insert TF Card

Insert a compatible TF (microSD) card into the designated slot on the monitor for video recording. Ensure the card is formatted correctly (refer to the Operating section).

Operating Instructions

Powering On/Off

The system will automatically power on when the vehicle's ignition is turned on (ACC power is supplied) and power off when the ignition is turned off.

Touch Screen Control

The 10.36-inch HD IPS display supports touch screen control. Navigate menus, adjust settings, and control functions by directly touching the screen.



Figure 5: The 10.36-inch Ultra HD IPS screen offers intuitive touch control for easy function settings and navigation.

DVR and Loop Recording

The system continuously records video footage to the inserted TF card. When the storage space is full, the loop recording function automatically overwrites the oldest files with new recordings. This ensures continuous recording without manual deletion.

- **Recording Intervals:** Set loop recording intervals to 1 or 2 minutes in the settings.
- **Video Playback:** Access recorded video clips directly on the device through the menu to review driving history.
- **TF Card Management:** Regularly format the TF card (e.g., monthly) to maintain optimal recording performance and prevent data corruption.



Figure 6: The DVR function provides high-definition image quality and panoramic views, recording road conditions even at night or in harsh weather. Loop recording ensures continuous operation.

Split Screen Mode

The system supports 2-way split screen viewing, allowing you to simultaneously monitor feeds from both cameras. This provides comprehensive situational awareness.

- **Split Ratios:** Select split modes such as 7:3, 6:4, or 5:5 from the display settings.



Figure 7: The dual-channel rearview mirror system provides simultaneous views from both cameras, offering comprehensive road information to the driver.

BSD Blind Spot Detection System

The integrated BSD technology monitors blind spots around your vehicle. It alerts the driver to the presence of other

vehicles in side and rear blind spots, reducing the risk of collisions during lane changes or turns.

- **Alerts:** Visual and/or audible warnings are provided when a vehicle is detected in a blind spot.
- **Settings:** BSD settings can be adjusted via the touchscreen interface.



Figure 8: The BSD system uses sensors and algorithms to monitor blind spots in real-time, providing alerts for vehicles in proximity.

Night Vision

The cameras feature automatic night vision control, providing clear images even in low-light conditions. In very dark environments, the system may switch to a black and white mode to enhance image quality.

System Settings

Access the system settings via the touchscreen to customize various parameters:

- **Languages:** Select your preferred language.
- **Volume:** Adjust the system's audio output.
- **Screen Brightness:** Set the display brightness (Low/Medium/High).
- **Screen Sleep:** Configure the screen to turn off after 10, 30, or 60 seconds of inactivity, or disable this feature.
- **Time Setting:** Adjust date and time.
- **Restore Factory Settings:** Reset all settings to their default values.

Maintenance

Regular maintenance ensures the longevity and optimal performance of your dash cam system.

- **Cleaning the Display:** Use a soft, dry, lint-free cloth to clean the touchscreen. Avoid abrasive cleaners or solvents.
- **Cleaning Cameras:** Periodically clean the camera lenses with a soft cloth to ensure clear image quality, especially after driving in dirty or rainy conditions.
- **TF Card Maintenance:** Format the TF card monthly to prevent data corruption and ensure smooth recording. Replace the TF card if it shows signs of degradation or errors.
- **Cable Connections:** Periodically check all cable connections to ensure they are secure and free from damage.

Troubleshooting

If you encounter issues with your Rimoody Truck Mirror Dash Cam System, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Monitor does not power on.	No power supply; loose power connection; incorrect wiring.	Check the power cord connection to the monitor and the vehicle's power sources (B+, ACC, GND). Ensure the vehicle's ignition is on.
Camera image is black or distorted.	Loose camera cable connection; damaged camera cable; faulty camera.	Verify that the camera cables are securely connected to the monitor. Inspect cables for any visible damage. Try swapping camera inputs if possible to isolate the issue.
No recording or recording errors.	TF card full; TF card corrupted; incompatible TF card; TF card not inserted correctly.	Ensure a TF card is inserted correctly. Format the TF card via the monitor's settings. Try a different, high-quality TF card if issues persist.
BSD system not providing alerts.	BSD feature disabled; sensor obstruction; system malfunction.	Check BSD settings on the monitor to ensure it is enabled. Ensure camera lenses are clean and unobstructed.
Touchscreen unresponsive or slow.	Temporary software glitch; screen dirty; system overload.	Restart the system by turning the vehicle ignition off and on. Clean the screen. If issues persist, perform a factory reset (note: this will erase settings).

If the problem persists after attempting these solutions, please contact Rimoody customer support for further assistance.

Warranty and Support

For warranty information, technical support, or service inquiries, please refer to the warranty card included with your product or contact the seller directly. Keep your purchase receipt as proof of purchase.

© 2023 Rimoody. All rights reserved.

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

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

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

Open the live page

https://manuals.plus/asin/B0FR4CGGK3

More documents and user manuals: **https://manuals.plus/**