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› [Fookoo](#) /

› [Fookoo HD 1080P 9-inch Wired Backup Camera System \(DY912\) Instruction Manual](#)

## Fookoo DY912

# Fookoo HD 1080P 9-inch Wired Backup Camera System (DY912) Instruction Manual

Model: DY912 | Brand: Fookoo

## 1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Fookoo HD 1080P 9-inch Wired Backup Camera System (Model DY912). This system is designed to enhance driving safety and visibility for large vehicles such as trucks, trailers, box trucks, and RVs, featuring a 9-inch DVR dual split screen monitor and IP69 waterproof rear view cameras.



Image: The Fookoo HD 1080P 9-inch Wired Backup Camera System, showing the monitor, two cameras, and connection cables.

## 2. PACKAGE CONTENTS

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

- 9-inch HD Monitor
- HD 1080P Cameras (x2)
- Video Cables (x2)
- Power Cord
- Installation Kits (various mounting hardware)
- Remote Control
- Upgrade Brackets (x2)
- Sunshade for Monitor
- Fixed Bracket for Monitor



Image: A visual representation of all components included in the Fookoo HD 1080P 9-inch Wired Backup Camera System package.

## 3. KEY FEATURES

- **1080P HD Wired System:** Utilizes 1080P technology for high-definition image processing, ensuring clear and reliable video without signal delays or interference common in wireless systems.

- **9-inch Dual Split Screen Monitor:** A larger 1920x1080 pixel monitor allows simultaneous viewing from two cameras, providing more detailed and expansive coverage than standard 7-inch screens. Ideal for large vehicles.
- **IP69 Waterproof Cameras:** Equipped with CCD sensors and glass lenses, these cameras deliver clear, color-accurate images. They are designed to withstand extreme temperatures (-4°F to 198°F) and are IP69 waterproof for reliable operation in all weather conditions.
- **Circular Recording (DVR Function):** The system includes a recording function that provides video evidence in case of an incident, enhancing driving safety.
- **Parking Lines:** Adjustable parking lines assist with safer and more precise parking and reversing maneuvers.

## High-Quality Cameras



### IP69 Waterproof Cameras

No need to worry about cameras being damaged by bad weather. Metal housing gives the cameras better quality, effectively extending their working time.

Image: IP69 Waterproof Cameras shown in water, highlighting their weather resistance. The cameras feature robust metal housing and IP69 waterproofing, ensuring longevity and performance in various environmental conditions, including rain, snow, and dust.

## Enhanced Visibility with 9-inch Monitor



**Larger 9 inch monitor allows you to see more clearly and details than other 7 inch.**



Image: A comparison demonstrating the larger and clearer view provided by the 9-inch monitor compared to a 7-inch monitor.

The 9-inch monitor offers a significantly larger display area, allowing drivers to see more clearly and capture greater detail of their surroundings, reducing blind spots.

## 4. SETUP AND INSTALLATION

Proper installation is crucial for optimal performance. Follow these general guidelines for wiring your Fookoo backup camera system. For detailed vehicle-specific instructions, consult a professional installer or your vehicle's service manual.

### Wiring Diagram Overview:

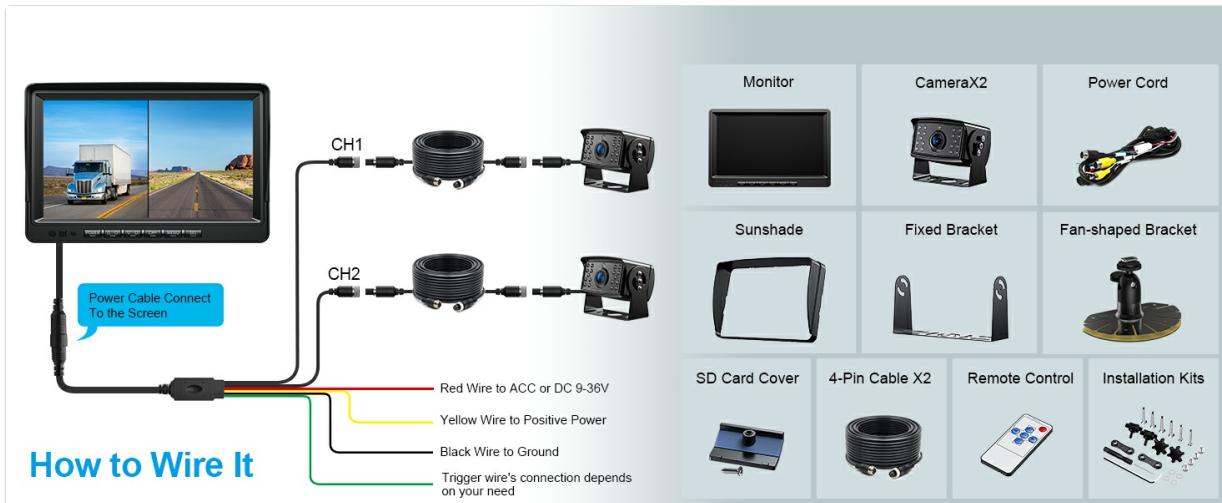


Image: A diagram illustrating how to connect the cameras to the monitor and the monitor to the vehicle's power supply.

- 1. Mount Cameras:** Securely mount the two cameras in desired locations (e.g., rear of vehicle, side, or front). Ensure a clear line of sight.
- 2. Connect Video Cables:** Connect each camera to the monitor using the provided video cables (CH1 and CH2). Ensure connections are secure and waterproof.
- 3. Power Connection:**
  - Connect the **Red Wire** to ACC (Accessory) or DC 9-36V power source.
  - Connect the **Yellow Wire** to a constant Positive Power source.
  - Connect the **Black Wire** to Ground.
- 4. Trigger Wire (Optional):** The trigger wire's connection depends on your specific needs. This can be used to automatically switch camera views (e.g., to a backup camera when reversing).
- 5. Mount Monitor:** Install the 9-inch monitor in a convenient location within the vehicle's cabin, using the fixed bracket or other mounting options. Ensure it does not obstruct your view of the road.

The system is compatible with a wide range of large vehicles, including RVs and trailers. For RVs, the system works well with towed trailers and is designed for easy connection and disconnection.



Is this system suitable for my RV?



Yes. It works well with towed trailers and is easily connected and disconnected.

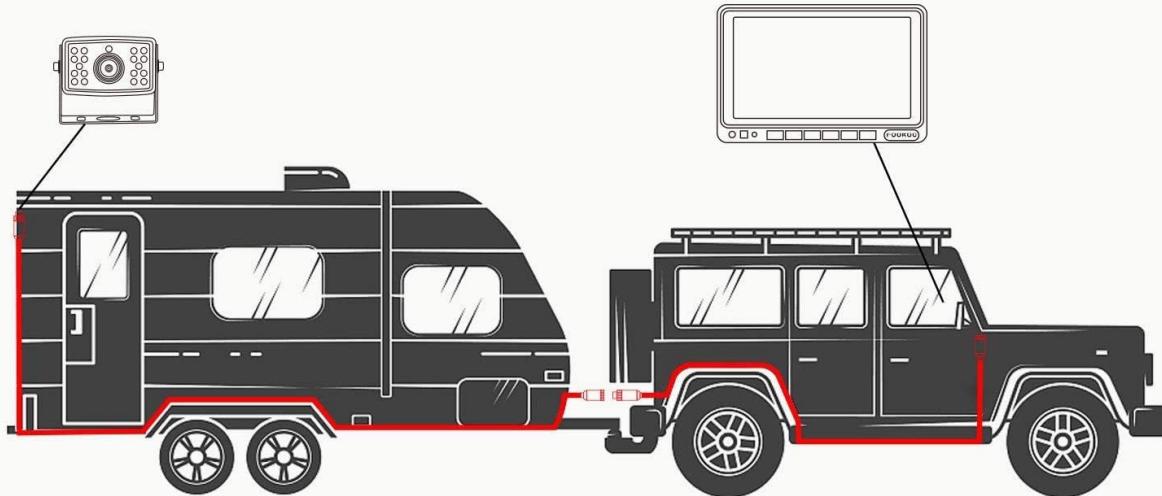


Image: Illustration of the system's suitability for RVs and towed trailers.

## 5. OPERATING INSTRUCTIONS

### 5.1 Monitor Controls

The monitor features several buttons for control:

- **POWER:** Turns the monitor on/off.
- **△ / ▽:** Navigation buttons for menu options or adjusting settings.
- **CH-:** Switches between camera channels or display modes.
- **MENU:** Accesses the system menu for advanced settings.
- **SEL:** Selects an option or confirms a setting.

### 5.2 Split Screen Mode

The 9-inch monitor supports dual split screen display, allowing you to view feeds from two cameras simultaneously. Use the "CH-" button to cycle through different display modes (e.g., single camera view, dual split view, quad view if applicable).



## Display Multiple Screens Simultaneously

With a dual split screen design, you can watch two cameras at the same time to ensure road and driving safety. Just press the "CH-" button, you can easily switch between different screen display modes.

Image: Demonstrating how to switch between multiple screen displays on the monitor.

### 5.3 Circular Recording (DVR)

The system features a DVR function with circular recording. When the memory storage space is full, the oldest footage will be automatically overwritten by new recordings. This ensures continuous recording and provides video evidence if needed.



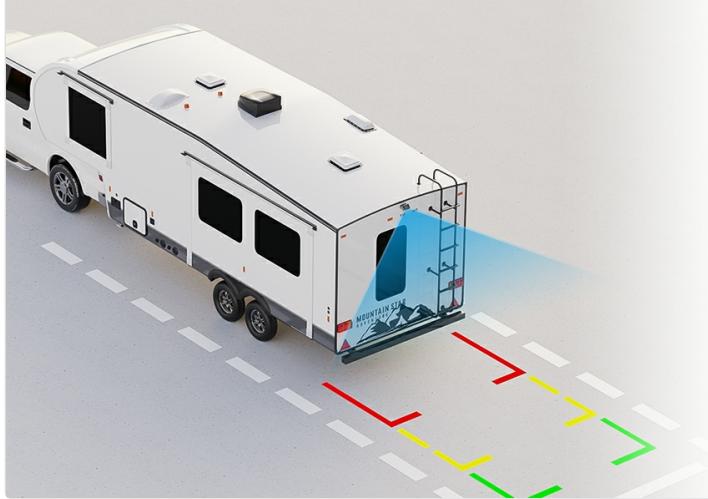
## Record Your Driving Journey

For your driving safety! Equipped with a 32GB SD card and loop recording function allows you to record your driving at will. When video evidence is needed, you can save the video files to your computer.

Image: The monitor displaying active recording, with a visual representation of continuous loop recording.

### 5.4 Parking Lines Assistance

The monitor can display adjustable parking lines to assist with reversing and parking. These lines provide a visual guide to help estimate distances and vehicle positioning. This feature can be enabled or disabled via the monitor's menu settings.



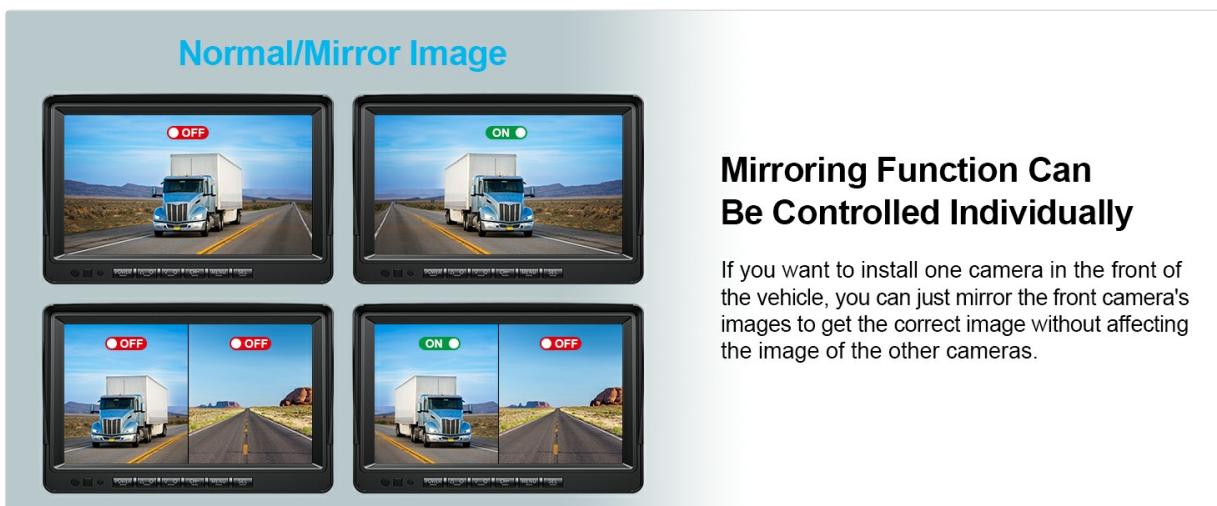
## No More Worries About Parking

If you are not confident about parking or the parking space is too narrow, then you can get rid of this trouble from now on. This system can automatically trigger parking assist lines, and a person can do it!

Image: Illustration of parking assist lines guiding an RV into a parking space.

### 5.5 Mirroring Function

The system allows individual control over the mirroring function for each camera. This is useful if you install a camera in the front of the vehicle and need a non-mirrored image, while maintaining a mirrored image for rear cameras.



### Mirroring Function Can Be Controlled Individually

If you want to install one camera in the front of the vehicle, you can just mirror the front camera's images to get the correct image without affecting the image of the other cameras.

Image: Examples of how the mirroring function can be individually controlled for each camera view.

### 5.6 Night Vision

The cameras are equipped with infrared lights for night vision, providing clear visibility in low-light conditions. This feature automatically activates when ambient light is insufficient.

### 5.7 Adjustable Lens

The camera lenses are adjustable, allowing you to fine-tune the viewing angle to suit your specific installation and coverage needs.

### 5.8 Video Demonstration

For a visual guide on the system's features and operation, please watch the official product video below:

Your browser does not support the video tag.

Video: An official Fookoo video demonstrating the features of the 9-inch HD monitor, easy installation, split screen mode, loop recording, infrared night vision, adjustable lens, and parking lines assistance, applicable to this system.

## 6. MAINTENANCE

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To ensure the longevity and optimal performance of your Fookoo backup camera system, follow these maintenance tips:

- **Regular Cleaning:** Periodically clean the camera lenses and monitor screen with a soft, damp cloth. Avoid abrasive cleaners that could scratch surfaces.
- **Cable Inspection:** Regularly check all cables for any signs of wear, damage, or loose connections. Secure or replace damaged cables promptly.
- **Mounting Security:** Ensure that both cameras and the monitor remain securely mounted. Tighten any loose screws or brackets as needed.
- **Software Updates:** Check the Fookoo website or contact customer support for any available firmware updates for your system.

## 7. TROUBLESHOOTING

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If you encounter issues with your Fookoo backup camera system, refer to the following common troubleshooting steps:

- **No Image on Monitor:**
  - Check all power connections to the monitor and cameras. Ensure they are securely plugged in and receiving power.
  - Verify that the video cables are correctly connected to the appropriate camera channels on the monitor.
  - Ensure the monitor is powered on and the correct input channel is selected.
- **Flickering or Distorted Image:**
  - Inspect video cables for damage or kinks. Replace if necessary.
  - Ensure all cable connections are tight and free from corrosion.
  - Check for potential electromagnetic interference from other vehicle electronics. Try rerouting cables if possible.
- **No Recording:**
  - Ensure an SD card is inserted correctly into the monitor's slot.
  - Check if the SD card is full. Format the SD card (this will erase all data) or replace it if it's faulty.
  - Verify that the recording function is enabled in the monitor's menu settings.
- **Parking Lines Not Displaying:**
  - Access the monitor's menu and ensure the parking line feature is enabled.
  - Adjust the parking line settings if they are visible but incorrectly positioned.

If these steps do not resolve the issue, please contact Fookoo customer support for further assistance.

## 8. SPECIFICATIONS

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Feature	Detail
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Feature	Detail
Brand	Fookoo
Model Number	DY912
Screen Size	9 Inches
Product Dimensions (Monitor)	8" L x 7.5" W x 1" H
Item Weight	6.16 pounds (System)
Optical Sensor Technology	CCD
Lens Type	Wide Angle
Real Angle of View	170 Degrees
Voltage	9-36 Volts DC
Installation Type	Surface Mount
Waterproof Rating (Cameras)	IP69
Temperature Resistance (Cameras)	-4°F to 198°F



Image: Detailed dimensions of the monitor and camera components.

## 9. WARRANTY AND SUPPORT

Fookoo provides a **24-month replacement support** and **lifetime after-sales service** for this product. If you encounter any defective components, issues, or require additional cables, please contact Fookoo customer service. Support is available 24 hours online.

For further assistance, please visit the official Fookoo store on Amazon: [Fookoo Store](#).

## Related Documents - DY912

 <p><b>FOOKOO</b> <b>Fookoo HD Wired 10" Backup Camera System</b> <i>(DY101)</i> <b>Installation and Operation Guide</b></p>	<p><a href="#"><u>Fookoo DY101 HD Wired 10-inch Backup Camera System: Installation and Operation Guide</u></a></p> <p>This guide provides detailed instructions for installing and operating the Fookoo DY101 HD Wired 10-inch Backup Camera System. Learn about system components, setup procedures, feature usage, and troubleshooting tips for enhanced vehicle safety.</p>
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