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> [yuwei Wireless Backup Camera System with 5-inch Split Screen Monitor User Manual](#)

## yuwei YW-15111

# yuwei Wireless Backup Camera System User Manual

Model: YW-15111

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## 1. INTRODUCTION

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This manual provides detailed instructions for the installation, operation, and maintenance of your yuwei Wireless Backup Camera System. This system is designed to enhance safety and convenience when operating vehicles such as RVs, motorhomes, trucks, semi-trailers, box trucks, shuttle buses, commuter buses, and tractors. It features a 5-inch split screen monitor and an IP69K waterproof camera with night vision capabilities, ensuring a stable and clear view.

## 2. PACKAGE CONTENTS

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

- 1 x 5-inch Wireless Monitor
- 1 x IP69K Wireless Camera
- 2 x Antennas (one for monitor, one for camera)
- 1 x Cigarette Lighter Power Cable for Monitor
- 1 x Camera Power Adapter Cable
- 1 x Suction Cup Bracket for Monitor
- Installation Kits (Wire Clasps, Screws)
- User Manual
- Warranty Card



Image: All components included in the yuwei Wireless Backup Camera System package.

## 3. INSTALLATION

### 3.1 Camera Installation

1. **Mounting Location:** Choose a suitable location at the rear of your vehicle for optimal viewing. Ensure the camera has a clear line of sight.
2. **Attach Antenna:** Screw the antenna securely onto the camera's antenna port. Adjust the antenna angle upwards for best signal reception.
3. **Power Connection (DC 12V - 32V):** The camera requires a power source. Connect the red wire of the camera's power cable to a positive (+) power source (e.g., reverse light, running light, or an auxiliary power source). Connect the black wire to a negative (-) ground. Ensure connections are secure and insulated.



## Easy & Quick Installation



Monitor will work as once you connect its power cable to the cigarette lighter



Connect power for camera with  
- running light or reversing light  
+ 12-32V (Reversing lights)

*Image: Camera power connection to vehicle's reversing lights and monitor power via cigarette lighter.*

### 3.2 Monitor Installation

1. **Attach Antenna:** Screw the antenna securely onto the monitor's antenna port. Adjust the antenna angle upwards for best signal reception.
2. **Mount Monitor:** Attach the suction cup bracket to the monitor and then secure it to your vehicle's windshield or dashboard. Adjust the monitor's angle for comfortable viewing.
3. **Power Connection:** Plug the cigarette lighter power cable into your vehicle's 12V power outlet. Connect the other end to the monitor's power input.

### 3.3 System Connection Overview

Once both the camera and monitor are powered on, they should automatically pair and display the camera feed. The system supports DC 12V to 32V power input, making it compatible with a wide range of vehicles.

Your browser does not support the video tag.

*Video: This video demonstrates the unboxing, component identification, and basic system connection for the Yuwei Wireless Backup*

## 4. OPERATION

### 4.1 Basic Functions

- **Power On/Off:** The monitor will power on automatically when connected to power.
- **Signal Transmission:** The 2.4GHz digital wireless communication provides a stable signal. Tested for up to 80ft at high speeds and an extended range of up to 328ft in open spaces.

**Instant & No interference digital wireless signal**  
100m/328ft

100m / 328ft at open area

“ Wireless Distance may vary under different application ” The signal is strong and the transmitted signal can reach 328 ft in the open area. The signal inside the car is 50 ft .

**WIDE APPLICATIONS**

Image: Illustration of the wireless signal range and application to various vehicles.

### 4.2 Advanced Features

- **Multi-function & 2 Channels:** The monitor supports 2 video channels, allowing you to add a second camera (Model YW-0629 or B09M6JCWC9, sold separately). It supports full image and split image display.



Image: Monitor displaying multiple view options, including single and split-screen modes.

- **Image Flip:** The intelligent switch allows you to flip images (mirrored/facing/horizontal flip/vertical flip) to suit your viewing preference.

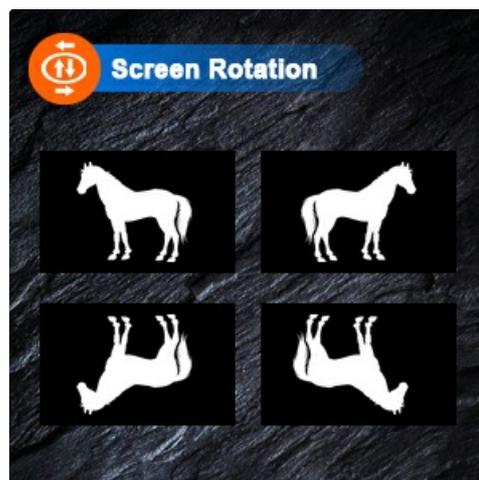


Image: Screen rotation options for the camera display.

- **Parking Assistance:** Turn on/off guide lines and adjust their width, length, and downward angle for precise parking assistance.

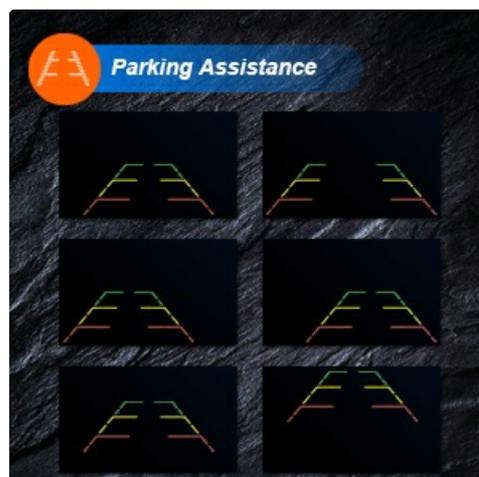


Image: Various parking assistance line configurations.

- **Night Vision:** The camera features infrared night vision for clear visibility in low-light conditions.



Image: Night vision feature of the camera.

- **Autoscan:** The system can automatically switch between camera channels.



Image: Autoscan feature for switching between camera channels.

## 5. SPECIFICATIONS

Feature	Detail
Model Number	YW-15111
Screen Size	5 Inches
Display Technology	LCD
Wireless Frequency	2.4GHz
Camera Waterproof Rating	IP69K
Camera Resolution	720x480
Camera Viewing Angle	120° (Wide Angle)
Optical Sensor Technology	CCD
Voltage	DC 12V - 32V

Product Dimensions	6 x 3.5 x 0.8 inches (Monitor)
Item Weight	2.1 pounds
Compatible Devices	Monitor
Installation Type	Surface Mount

## 6. MAINTENANCE

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- **Cleaning:** Use a soft, damp cloth to clean the monitor screen and camera lens. Avoid abrasive cleaners or solvents.
- **Cable Inspection:** Periodically check all cables and connections for wear, damage, or loose contacts. Ensure waterproof connections remain sealed.
- **Antenna Care:** Ensure antennas are securely attached and not obstructed.
- **Software Updates:** Check the manufacturer's website for any available firmware updates to ensure optimal performance.

## 7. TROUBLESHOOTING

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### 7.1 No Image on Monitor

- Ensure both the camera and monitor are receiving power. Check power connections and vehicle's power outlet.
- Verify that the antennas are securely attached to both the camera and monitor.
- Confirm that the camera and monitor are within effective wireless range. Obstructions can reduce signal strength.
- Re-pair the camera and monitor if they lose connection (refer to pairing instructions in the full manual).

### 7.2 Image Flickering or Poor Quality

- Check for sources of interference (e.g., other wireless devices, strong electromagnetic fields).
- Ensure antennas are positioned correctly and not obstructed.
- Clean the camera lens if it is dirty or smudged.
- Verify power supply is stable and within the specified voltage range (DC 12V-32V).

### 7.3 Guide Lines Not Displaying/Incorrect

- Access the monitor's settings to enable or adjust the parking guide lines.
- Ensure the camera is mounted straight and level for accurate guide line display.

## 8. WARRANTY & SUPPORT

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yuwei offers lifetime technical support for all buyers. For warranty claims, technical assistance, or any questions regarding your product, please refer to the contact information provided on the product packaging or the warranty card included in your package.

You can also find contact details on the back of the monitor itself, typically on a sticker.

**Manufacturer:** Guangzhou Forsafe Electronics Technology Co.,Ltd

