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› VASTEND RV Backup Camera Wireless 7 Inch Monitor (Model V01) Instruction Manual

## VASTEND V01

# VASTEND RV Backup Camera Wireless 7 Inch Monitor

**MODEL: V01**

Instruction Manual

## Introduction

The VASTEND RV Backup Camera Wireless 7 Inch Monitor system provides enhanced visibility for various vehicles, including RVs, 5th Wheels, trucks, trailers, campers, buses, and boats. This system features upgraded wireless technology for stable signal transmission, a 1080P HD monitor with 4-channel support, and an IP69 waterproof night vision camera. It is designed for straightforward installation and offers customizable viewing options to assist with reversing and monitoring.

## Package Contents

Verify that all components are present in the package:

- 7-inch Monitor
- Camera
- Lighter adapter
- Sunshade
- Windshield mount
- Mounting bracket for camera
- Antennas
- Power cables
- Installation hardware (screws, connectors)
- User Manual



Image: All components included in the VASTEND RV Backup Camera Kit.

Video: Unboxing and overview of the VASTEND VE-7C backup camera kit components.

## Setup and Installation

The wireless backup camera system is designed for easy installation. Refer to the included installation manual for detailed steps. The system supports both general installation and pre-wired RV setups.

### Camera Installation:

1. Attach the antenna to the camera unit.
2. Secure the camera to the mounting bracket using the provided screws.
3. Mount the camera bracket to the rear of your vehicle. For RV pre-wired systems, utilize the existing wiring and bracket. For general installation, connect the camera's power wires to the vehicle's reverse light circuit (DC12V) and ground.

### Monitor Installation:

1. Attach the two antennas to the back of the monitor unit.
2. Connect the monitor to the windshield mount or dashboard mount.
3. Plug the monitor's power adapter into a 12V outlet in your vehicle.
4. Adjust the monitor's position for optimal viewing.



Image: Visual guide for general and pre-wired installation of the backup camera system.

## Operating Instructions

The 7-inch 1080P HD monitor provides a clear view of your surroundings. The system automatically activates when the vehicle is put into reverse, displaying the camera feed.

### Monitor Controls:

- **Power Button:** Turns the monitor on/off.
- **Menu Button:** Accesses system settings and options.
- **CH Button:** Switches between camera channels (supports up to 4 cameras).
- **OK/Enter Button:** Confirms selections in the menu.
- **SEL Button:** Selects options or turns guide lines on/off.

### Customizing Display:

- **Guide Lines:** In the menu, long press the "OK" button to customize guide lines (adjust width, height, position).
- **Image Flip:** Adjust the camera image (Normal, Mirror, Flip Vertically, Flip Horizontally) to suit mounting orientation.
- **Split Screen:** The 4CH monitor supports single, split, or quad-screen views if multiple cameras are connected.

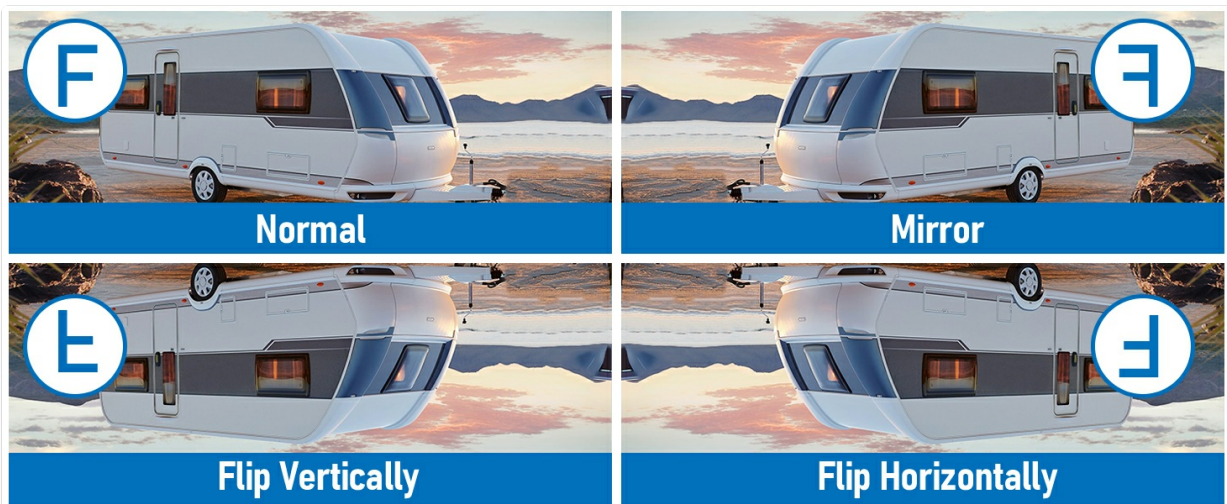


Image: Comparison of 1080P HD resolution from VASTEND versus 720P from other systems.



Image: Options for customizing guide lines on the monitor for precise reversing.



Image: Various image flip options including Normal, Mirror, Flip Vertically, and Flip Horizontally.



Image: Display modes showing single, split, and quad-screen views for multiple cameras.

Video: Demonstration of the wireless RV camera with triple view, showing rear and side coverage.

## Features

- Latest Wireless Technology & Stable Signal:** Features an upgraded dual-antenna design for superior stability, signal transmission distance (up to 990 ft in open areas, 320 ft within vehicle range), and power. Delivers 1080P video with minimal interference.
- IP69 Waterproof Night Vision Camera:** The camera boasts an IP69 waterproof rating for durability. It offers a 150-degree viewing angle for comprehensive peripheral vision and includes night vision capabilities, providing a fluorescent effect on the display for safer driving in low-light conditions.
- Video Recording:** The monitor has a built-in recording function with loop recording. Continuous recording automatically erases old files when the memory card (not included) is full.

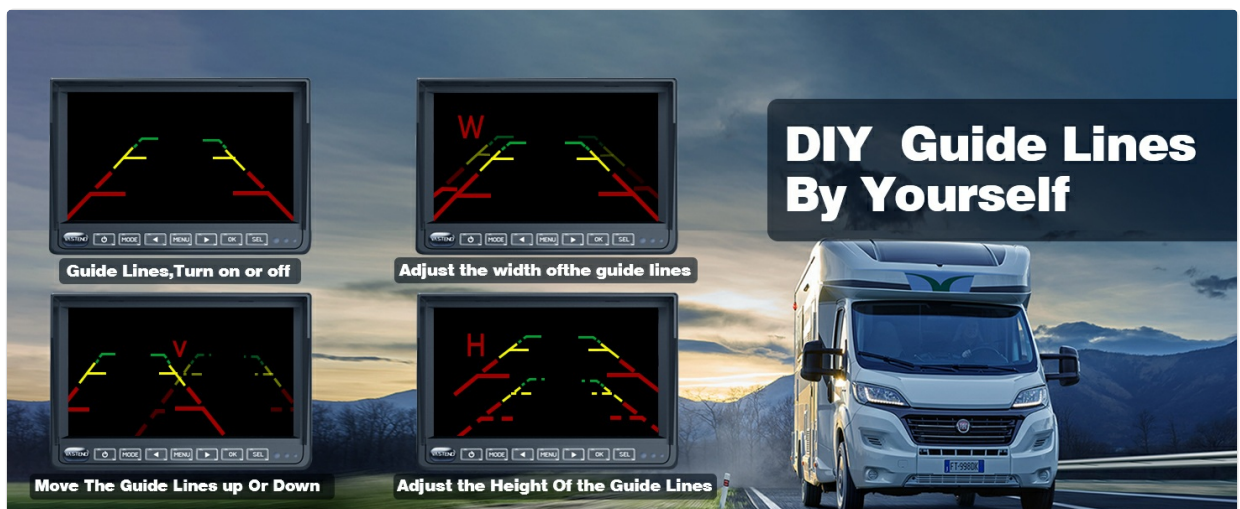


Image: Illustrates the faster and stable signal transmission range of up to 320ft.



Image: The monitor supports video recording, though an SD card is not included.



Image: Highlights the IP69 waterproof rating and night vision capabilities for clear visibility in all conditions.

## Maintenance

To ensure optimal performance and longevity of your VASTEND RV Backup Camera system, follow these maintenance guidelines:

- **Regular Cleaning:** Periodically clean the camera lens and monitor screen with a soft, damp cloth. Avoid abrasive cleaners that could scratch surfaces.
- **Connection Checks:** Regularly inspect all power connections and antenna connections for tightness and corrosion. Ensure the camera's mounting is secure.
- **Waterproofing:** While the camera is IP69 waterproof, avoid directing high-pressure water jets directly at the camera for extended periods during cleaning.
- **Software Updates:** Check the manufacturer's website periodically for any available firmware updates to ensure optimal performance and new features.

## Troubleshooting

If you encounter issues with your VASTEND RV Backup Camera system, refer to the following common troubleshooting steps:

- **No Signal on Monitor:**
  - Ensure both the camera and monitor are powered on.
  - Check that antennas are securely attached to both units.

- Verify that the camera's power connection is stable and receiving power (e.g., reverse lights are active).
- Confirm that the monitor is set to the correct channel (CH1, CH2, etc.).

- **Poor Image Quality:**

- Clean the camera lens and monitor screen.
- Check for obstructions blocking the camera's view.
- Ensure the camera and monitor are within effective wireless range. Large metal objects between units can interfere with the signal.
- Adjust brightness and contrast settings on the monitor.

- **Monitor Not Powering On:**

- Check the 12V power outlet for functionality.
- Ensure the power adapter is securely plugged into both the monitor and the vehicle's outlet.

For further assistance, please contact VASTEND customer support using the email address provided in the manual.

## Specifications

<b>Brand</b>	VASTEND
<b>Model Number</b>	V01
<b>Screen Size</b>	7 Inches
<b>Video Capture Resolution</b>	1080p
<b>Field of View</b>	150 Degrees
<b>Installation Type</b>	Surface Mount
<b>Connector Type</b>	Wireless Transmitter
<b>Waterproof Rating</b>	IP69
<b>Parcel Dimensions</b>	27.8 x 20 x 8.6 cm; 1.67 kg
<b>Country/Region of Origin</b>	China

## Warranty and Support

VASTEND provides a two-year warranty service for this product. Additionally, lifetime technical support is available to assist with any questions or concerns you may have regarding the RV Backup Camera Wireless 7 Inch Monitor. Please refer to the contact information provided in your product manual for support inquiries.