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› VASTEND 7 Inch RV Backup Camera Wireless Instruction Manual

VASTEND DW-7010WS

VASTEND 7 Inch RV Backup Camera Wireless Instruction Manual

Model: DW-7010WS | Brand: VASTEND

1. PRODUCT OVERVIEW

The VASTEND 7-inch RV Backup Camera Wireless system provides enhanced visibility and safety for various large vehicles. It features advanced wireless technology for stable signal transmission, a high-definition 1080P monitor, and a durable IP69 waterproof camera with night vision capabilities. The system supports up to four cameras and includes a built-in DVR function for continuous recording.



Figure 1.1: VASTEND 7-inch RV Backup Camera Wireless System components.

2. WHAT'S IN THE BOX

Upon opening the package, ensure all the following components are present:

- 7-inch Monitor
- Camera
- Lighter adapter
- Sunshade
- Windshield mount
- Mounting bracket for monitor
- Antennas (for monitor and camera)
- Power cables and installation accessories (wire clips, screws, thumb screws)

PACKAGE CONTENT



Figure 2.1: All components included in the VASTEND RV Backup Camera system package.

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Video 2.1: An overview of the VASTEND Wireless Backup Camera system components and initial setup steps.

3. INSTALLATION GUIDE

The VASTEND wireless backup camera system is designed for easy installation. It is suitable for RVs, 5th Wheels, Trucks, Trailers, Campers, Buses, and Boats. The system supports both general installation and pre-wired RV setups.

3.1 Camera Installation

The camera can be mounted using the provided bracket. For RVs with Furrion pre-wiring, an adapter and pigtail wire (not included, but compatible) can simplify the process. Ensure the camera is securely mounted to provide a clear rear view.

Compatible with Furrion Pre - wire Rvs

If you add the Bracket Adapter and Pigtail Wire



Figure 3.1: The camera can be adapted for Furrion pre-wired RVs with an additional bracket and pigtail wire.

3.2 Monitor Installation

The 7-inch monitor can be mounted on the dashboard using the included bracket or attached to the windshield with the suction cup bracket. Connect the monitor to a power source using the lighter adapter or hardwire it using the provided bare wire power cords.



Figure 3.2: The monitor can be installed on the dashboard or windshield for optimal viewing.

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4. OPERATION GUIDE

The 7-inch 1080P HD monitor offers various functions to enhance your driving and reversing experience.

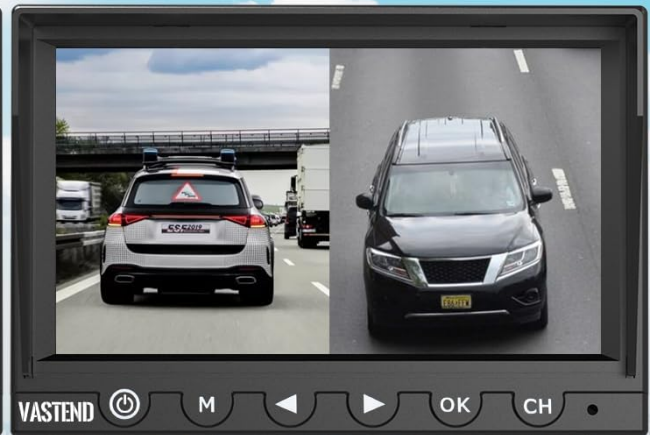
4.1 Monitor Functions

- **Multi-Camera Support:** The monitor can support adding 1-4 cameras, allowing for single, split, or quad-screen views.
- **Mirror/Flip Image:** Adjust the camera view to normal, mirror, flip vertically, or flip horizontally as needed for different mounting positions or preferences.
- **Adjustable Guide Lines:** Long press the "OK" button to DIY (customize) the guide lines, including adjusting width, moving up or down, and adjusting height.
- **Night Vision:** The camera features IR night vision, automatically turning on in low-light conditions to provide clear visibility.
- **Video Recording (DVR):** The system has a built-in recording function and supports loop recording. An SD card (not included) is required for this feature.

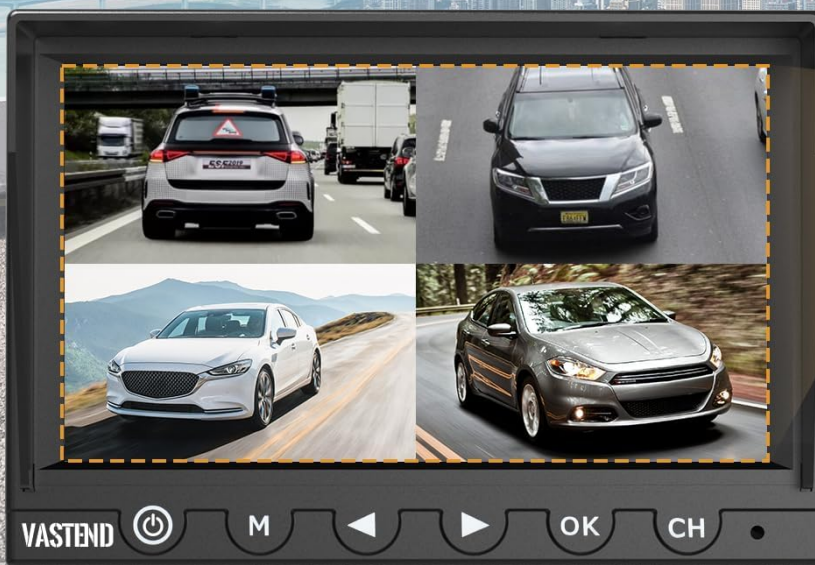
The monitor supports adding 1 to 4 cameras



Single Screen



Split Screen



Quad Screen



Figure 4.1: The monitor supports single, split, and quad-screen views for multiple cameras.

DIY Guide Lines ,Turn on or off



Figure 4.2: Customize parking guide lines by adjusting width, position, and height.



Figure 4.3: The camera provides clear night vision for safer operation in the dark.

5. MAINTENANCE

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

- **Cleaning:** Regularly clean the camera lens and monitor screen with a soft, damp cloth. Avoid abrasive cleaners that could scratch surfaces.
- **Waterproof Camera:** The camera has an IP69 waterproof rating, designed to withstand harsh weather conditions. However, avoid directing high-pressure water jets directly at the camera for extended periods.
- **Cable Inspection:** Periodically check all cables and connections for any signs of wear, damage, or loose connections. Secure any loose wiring to prevent signal interference.
- **SD Card Management:** If using the DVR function, regularly back up important recordings and format the SD card to maintain optimal recording performance.

6. TROUBLESHOOTING

If you encounter any issues with your VASTEND RV Backup Camera system, refer to the following common problems and their solutions:

Problem	Possible Cause	Solution
No Signal/No Image on Monitor	Loose power connection, camera/monitor not paired, signal interference, camera/monitor malfunction.	◦ Check all power connections to ensure they are secure. ◦ Re-pair the camera and monitor (refer to pairing instructions in the operation guide). ◦ Ensure no large metal objects are obstructing the signal path between the camera and monitor. ◦ Verify power supply is adequate (12 Volts).
Image Flickering or Unstable	Weak signal, excessive electrical interference, distance too far.	◦ Ensure antennas are securely attached and positioned correctly. ◦ Minimize other wireless devices operating on similar frequencies nearby. ◦ Confirm the distance between camera and monitor is within the specified 320 ft (vehicle range).
Night Vision Not Working	Insufficient darkness, IR sensors obstructed, camera malfunction.	◦ Test in complete darkness to confirm automatic activation. ◦ Ensure the IR LEDs on the camera are not covered or damaged.
Recording Not Working	No SD card, incompatible SD card, full SD card, recording function off.	◦ Insert a compatible SD card (up to 128GB, not included). ◦ Format the SD card via the monitor's system settings. ◦ Check if the recording function is enabled in the menu.

7. SPECIFICATIONS

Feature	Detail
Brand	VASTEND
Model Number	DW-7010WS
Product Dimensions	11 x 8 x 3 inches
Item Weight	3.27 pounds
Screen Size	7 Inches
Display Technology	LED
Video Capture Resolution	1080p
Voltage	12 Volts
Optical Sensor Technology	CMOS
Lens Type	Wide Angle (150°)
Special Features	IP69 Waterproof, HD 1080P, Video Recording, Super Night Vision
Compatible Devices	RV, TRUCK

8. WARRANTY & SUPPORT

VASTEND provides a two-year warranty for this product. For any questions, technical assistance, or warranty claims, please contact VASTEND customer service. They aim to reply within 24 hours to help resolve any issues. Contact information for support is typically found on the product packaging or the official VASTEND website.