

VASTEND VE-7C

VASTEND VE-7C Wireless Reversing Camera System with 7-Inch 1080P Monitor User Manual

Model: VE-7C | Brand: VASTEND

1. PRODUCT OVERVIEW

The VASTEND VE-7C is a high-definition wireless reversing camera system designed to enhance visibility and safety for various vehicles, including campers, trucks, and RVs. It features a 7-inch 1080P monitor and an IP69 waterproof camera with 14 infrared (IR) lights for superior night vision. The system utilizes stable digital wireless signal transmission for real-time video, eliminating the need for complex wiring. Key features include a four-channel screen for multi-camera support, a 170° wide-angle lens with adjustable reverse guidelines, and robust construction for all-weather compatibility.

2. PACKAGE CONTENTS

Before installation, please verify that all components listed below are included in your package:

- 1 x 7-inch Monitor
- 1 x Camera
- 1 x Cigarette Lighter Charger
- 1 x Instruction Manual
- 1 x Installation Tool Kit
- 1 x Monitor Mount
- 1 x Camera Mount
- 1 x Power Cable
- 2 x Antennas

Package List



1*7.0 Inch Monitor



1*Camera



1*Car Charger



1*Monitor Bracket



1*Camera Bracket



1*User Manual



1*Power Cable



2*Antennas



1*Installation Tool Kit

Figure 2.1: All items included in the VASTEND VE-7C wireless backup camera kit.

3. SETUP AND INSTALLATION

Follow these steps to set up your VASTEND VE-7C wireless reversing camera system:

3.1. Monitor Installation

1. Attach the monitor mount to the back of the 7-inch monitor.
2. Secure the monitor in a suitable location within your vehicle's cabin, ensuring it does not obstruct your view. The adhesive pad can be used for stable placement.
3. Connect the monitor's power cable to the cigarette lighter socket or hardwire it to the vehicle's fuse box for continuous power.
4. Screw one of the antennas onto the designated port on the monitor.

3.2. Camera Installation

1. Mount the camera using the provided metal bracket at the rear of your vehicle (e.g., above the license plate, on the bumper, or on the back of an RV/trailer). Ensure a clear line of sight.
2. Connect the camera's power cable. For continuous monitoring, connect it to the vehicle's rear light. For reverse mode only, connect it to the reverse light circuit.
3. Screw the second antenna onto the designated port on the camera.



Figure 3.1: Adjustable monitor and camera for optimal viewing angles.

3.3. Pairing (if necessary)

The system is typically pre-paired. If no signal is detected, follow the pairing instructions in the manual or access the 'Pairing' option from the monitor's menu.

Your browser does not support the video tag.

Video 3.1: This video provides an unboxing and initial setup overview of the VASTEND VE-7C wireless backup camera system, demonstrating the components and basic monitor functions.

4. OPERATING INSTRUCTIONS

Once installed and powered, the system will automatically display the camera feed. Use the buttons on the monitor to access various functions.

4.1. Monitor Controls

- **M (Menu) Button:** Press to access the main menu with options for pairing, picture settings, mirror/flip, mode, system settings, camera setup, record, and play.
- **V1/V2 Button:** Cycles through available camera channels (CAM1, CAM2, CAM3, CAM4). If multiple cameras are connected, this allows switching between them.
- **+/- Buttons:** Adjust screen brightness and navigate menu options.
- **OK Button:** Confirms selections in the menu.
- **Power Button:** Turns the monitor on/off.

4.2. Multi-Camera View

The monitor supports a four-channel screen, allowing you to view feeds from up to four cameras simultaneously. Use the 'Mode' option in the menu to select different display layouts (e.g., single camera, split-screen). Note that the package includes one camera; additional cameras must be purchased separately.

Support to Add 4 Cameras

Side/rear RV camera optional



Figure 4.1: The monitor's four-channel screen capability, supporting up to four cameras for expanded visibility.

4.3. Picture Settings

Access the 'Picture' option in the menu to adjust brightness, contrast, saturation, and tone for optimal image quality. The 'Mirror/Flip' option allows you to change the image orientation as needed for rear or front view applications.

4.4. Reverse Guidelines

The 170° wide-angle camera provides adjustable reverse lines. You can customize the width and position (left, right, up, or down) of these parking lines via the camera setup menu to suit your vehicle and parking preferences.

14 IR LED Night Lens Backup Camera

Change the dark area to be more visible



Figure 4.2: The camera's 14 IR LED night vision capability, providing clear visibility in low-light conditions.

4.5. Recording and Playback

The system supports loop recording. Refer to the 'Record' and 'Play' options in the menu for managing recordings and playback of captured footage.

5. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your VASTEND VE-7C system.

- **Cleaning:** Regularly clean the camera lens and monitor screen with a soft, damp cloth. Avoid abrasive cleaners that could scratch surfaces.
- **Connections:** Periodically check all cable connections to ensure they are secure and free from corrosion or damage.
- **Camera Housing:** Although the camera is IP69 waterproof and dustproof, avoid directing high-pressure water jets directly at the camera for extended periods.

- **Temperature:** The camera is designed to operate reliably in temperatures from -10°C to 40°C. Extreme temperatures outside this range may affect performance.



Figure 5.1: The camera's robust design, featuring IP69K waterproofing, dustproof capabilities, and resistance to temperatures between -10°C and 40°C.

6. TROUBLESHOOTING

If you encounter issues with your VASTEND VE-7C system, refer to the following common troubleshooting tips:

- **No Signal:**
 - Ensure both the monitor and camera are powered on.
 - Check all power connections.
 - Verify that the antennas are securely attached to both the monitor and camera.
 - Try re-pairing the camera and monitor via the 'Pairing' option in the menu.

- Ensure there are no significant obstructions between the camera and monitor that could interfere with the wireless signal.

- **Poor Image Quality:**

- Clean the camera lens and monitor screen.
- Adjust brightness, contrast, and saturation settings in the monitor's 'Picture' menu.
- Ensure the camera is securely mounted and not vibrating.

- **Monitor Not Powering On:**

- Check the cigarette lighter connection or hardwired power source.
- Ensure the vehicle's ignition is on if connected to an ignition-switched power source.

For further assistance, please refer to the detailed troubleshooting section in the included instruction manual or contact VASTEND customer support.

7. SPECIFICATIONS

Feature	Specification
Brand	VASTEND
Model Number	VE-7C
Screen Size	7 Inches
Product Dimensions (L x W x H)	9.06" x 6.3" x 5.12"
Compatible Devices	Monitor
Installation Type	Surface Mount
Voltage	9-40 Volts
Real Angle of View	170 Degrees
Connector Type	HDMI (for internal connection, not user accessible)
Waterproof Rating	IP69
Night Vision	14 IR Lights

8. WARRANTY AND SUPPORT

VASTEND offers a two-year free warranty and lifetime technical service for the VE-7C wireless backup camera system. If you encounter any problems, such as missing, damaged, or defective accessories, please contact VASTEND customer support immediately.

For support inquiries, please refer to the email address listed in your product 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

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