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## VASTEND VS-5A

# VASTEND VS-5A Solar Wireless Backup Camera System with 5-inch Monitor Instruction Manual

Brand: VASTEND | Model: VS-5A

## INTRODUCTION

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This manual provides detailed instructions for the installation, operation, and maintenance of your VASTEND VS-5A Solar Wireless Backup Camera System. This system is designed to enhance driving safety by providing a clear rear view, especially during reversing maneuvers. Key features include a solar-powered camera for easy installation, a 5-inch HD 1080P monitor, stable digital signal transmission, and robust weather resistance.



The VASTEND VS-5A Solar Wireless Backup Camera System includes a solar-powered camera designed for license plate mounting and a 5-inch high-definition monitor for in-cabin display.

## PACKAGE CONTENTS

Ensure all items are present before beginning installation:

- 1x 5.0-inch Monitor
- 1x Solar Camera
- 1x Antenna
- 1x Instruction Manual
- 1x Power Cable for Monitor
- 1x USB to Type-C Cable for Camera
- 1x Suction Cup Mount
- 1x Cigarette Lighter Adapter
- 12x Accessories (screws, etc.)

## SETUP AND INSTALLATION

### Camera Installation

The VASTEND VS-5A camera is designed for quick and easy DIY installation, typically within 3 minutes, requiring only a screwdriver. It attaches directly to your vehicle's license plate.

1. Remove your vehicle's license plate.
2. Position the solar camera bracket behind the license plate, aligning the screw holes.
3. Secure the license plate and camera bracket to your vehicle using the provided anti-theft screws.



The camera is designed for quick DIY installation, attaching directly to the license plate with included anti-theft screws.

### Monitor Setup

The 5-inch monitor can be easily powered and mounted within your vehicle.

1. Attach the suction cup mount to the monitor.
2. Mount the monitor to your dashboard or windshield in a position that does not obstruct your view.
3. Connect the monitor's power cable to the cigarette lighter adapter or directly to a power source.



The monitor can be powered conveniently via a cigarette lighter adapter or a direct power cable connection.

### Pairing (for additional cameras)

The system supports up to two cameras. If adding a new camera, it must be paired with the monitor before use. Refer to the on-screen menu for pairing instructions.

### OPERATING INSTRUCTIONS

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## Basic Operation

- **Power On/Off:** The monitor will automatically power on when the vehicle is started (if connected to a switched power source) or can be manually turned on/off.
- **Screen Modes:** The monitor defaults to CAM1. Press the (△) button to switch between single camera view and dual split mode (if two cameras are connected).

## Video Recording Function

The solar wireless backup camera includes a recording function to capture high-quality video footage.

- The system supports cyclic recording, automatically overwriting old video when the SD card is full.
- In case of an accident or collision, the system will save relevant video footage separately to preserve evidence.

## Guide Lines and Image Adjustment

Customize your view for optimal safety and convenience.

- **Wide Angle View:** The camera provides a 150-degree wide viewing angle for comprehensive rear coverage.
- **Image MIR-FLIP:** Adjust the image orientation (original, mirror, upside down, mirrored upside down) via the monitor settings to suit your mounting preference.
- **Parking Lines (P-Line):** Customize or adjust the parking guide lines on the monitor for precise reversing.

# 1080P Super Night Vision

reversing lines make parking easier



The 1080P HD camera offers super night vision, enhancing visibility in low-light conditions and improving safety during nighttime reversing.

## 1080P True to Life Image



A 150-degree wide viewing angle provides extensive peripheral vision, significantly reducing blind spots for safer reversing and parking maneuvers.

### Energy-Saving Mode

The system features energy-saving options to optimize battery life:

- When the monitor is turned off, the wireless camera will enter a sleep mode to conserve power.
- You can enable automatic sleep mode for the monitor in the system menu, with options for 30s, 60s, or 90s.

## MAINTENANCE

The VASTEND VS-5A is built for durability and minimal maintenance.

- **Weather Resistance:** The camera has an IP69 waterproof rating, protecting it from water and fine particles, and is designed to withstand extreme weather conditions (-10°C to 60°C).
- **Solar Charging:** The integrated solar panels continuously charge the camera's large-capacity battery, reducing the need for manual charging. A 5V-2A Type-C charging cable is also included for alternative charging.



The camera unit features an IP69 waterproof rating, ensuring reliable operation in various weather conditions, including rain, snow, and dust.



The camera is built to operate reliably in extreme weather conditions, with a temperature range of -10°C to 60°C.

## TROUBLESHOOTING

If you encounter any issues with your VASTEND VS-5A system, consider the following:

- **No Signal/Interruption:** Ensure the camera and monitor are properly powered and within effective transmission range. The system uses a 2.4GHz communication system for stable digital signal.
- **Battery Issues:** Verify the camera's solar panel is receiving adequate sunlight. If not, use the provided Type-C cable for manual charging.
- **Image Quality:** Check monitor settings for brightness, contrast, and image flip options. Ensure the camera lens is clean.
- **Pairing Issues:** If adding a new camera, ensure it is correctly paired with the monitor as per instructions.

For further assistance, please contact VASTEND customer support.

## SPECIFICATIONS

Feature	Specification
Product Dimensions	8 x 7 x 5 inches
Item Weight	1.65 pounds
Item Model Number	VS-5A
Screen Size	5 Inches
Installation Type	Surface Mount
Voltage	24 Volts
Optical Sensor Technology	CMOS
Lens Type	Wide Angle
Real Angle of View	150 Degrees
Connector Type	Wireless

## WARRANTY AND SUPPORT

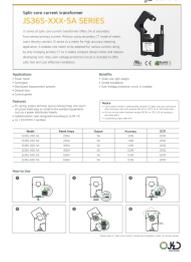
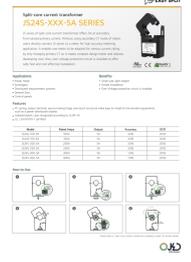
VASTEND is committed to providing high-quality products and customer satisfaction.

- **Warranty:** This product comes with a 2-year warranty.

- **Technical Support:** Lifetime technical support is available for all VASTEND products.

If you have any questions or require assistance with your VASTEND VS-5A backup camera, please contact our customer support team.

## Related Documents - VS-5A

 <p><b>VASTEND</b> DIGITAL WIRELESS BACKUP CAMERA SYSTEMS User Manual / Installation Instructions</p> <p>Before Operating The Set Please Read The Instructions Completely</p>	<p><a href="#">VASTEND Digital Wireless Backup Camera System User Manual &amp; Installation Guide</a></p> <p>Comprehensive user manual and installation guide for the VASTEND Digital Wireless Backup Camera System. Learn about features, setup, troubleshooting, and specifications for your vehicle's safety.</p>
 <p><b>VASTEND</b> M1 Wireless Backup Camera System with Touch Button Product Manual/Installation Instructions</p> <p>7 INCH HD 1080P GOP HD 25FPS</p> <p>Please read this manual thoroughly before operating the device. Keep it for future reference.</p>	<p><a href="#">VASTEND M1 Wireless Backup Camera System with Touch Button - Product Manual and Installation Instructions</a></p> <p>Comprehensive product manual and installation instructions for the VASTEND M1 Wireless Backup Camera System with Touch Button. Covers package contents, vehicle application, system testing, connection, monitor operation, and troubleshooting.</p>
 <p><b>J&amp;D ELECTRONICS</b> Split-core current transformer JS36S-XXX-5A SERIES</p> <p>Technical specifications, dimensions, and safety information for models JS36S-200-5A through JS36S-600-5A.</p>	<p><a href="#">J&amp;D Electronics JS36S Series Split-Core Current Transformer Datasheet</a></p> <p>Datasheet for the J&amp;D Electronics JS36S series split-core current transformers, detailing specifications, applications, features, benefits, accuracy, dimensions, and safety information for models JS36S-200-5A through JS36S-600-5A.</p>
 <p><b>J&amp;D ELECTRONICS</b> Split-core current transformer JS24S-XXX-5A SERIES</p> <p>Technical specifications, dimensions, and safety information for JS24S-XXX-5A series split-core current transformers.</p>	<p><a href="#">JS24S-XXX-5A Series Split-Core Current Transformer Datasheet</a></p> <p>Technical datasheet for J&amp;D Electronics JS24S-XXX-5A series split-core current transformers. Features include 5A secondary output, UL94-V0 housing, over-voltage protection, and high accuracy for power metering and switchgear applications.</p>