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VASTEND VS-7AC

VASTEND Magnetic Solar Backup Camera VS-7AC User Manual

Model: VS-7AC
Brand: VASTEND

INTRODUCTION

This manual provides instructions for the VASTEND Magnetic Solar Backup Camera, model VS-7AC. This product is designed to enhance rear visibility for various vehicles, including trucks, campers, RVs, and trailers. It features a magnetic mount for easy installation, solar charging capabilities, and a robust design for reliable performance. This package includes only the camera; a compatible monitor is required for operation and is sold separately. Please read this manual thoroughly before use.

PACKAGE CONTENTS

- 1 x Magnetic Solar Camera
- 1 x USB Type-C Cable
- 1 x Antenna
- 4 x Screws

SETUP

Charging the Camera

Before first use, fully charge the camera using the provided USB Type-C cable. A full charge takes approximately 5 hours and provides up to 30 hours of operation. The integrated solar panel will continuously charge the battery when exposed to sunlight.

10000mAh Large Capacity

A single full charge can be used for up to 30 hours.



Multiple Power Supply Options



In car



At home



Portable

Image description: The camera can be charged via USB-C cable from a car charger, a wall adapter, or a portable power bank. The solar panel provides continuous charging during daylight.

Mounting the Camera

The camera features six strong neodymium magnets for quick and secure attachment to any metal surface on your vehicle. The base is covered with soft rubber to prevent scratches.

For permanent installation or added security, use the four provided screws to mount the camera. Ensure the camera is positioned to provide a clear, unobstructed view of the rear area.



Image description: The magnetic solar backup camera mounted on the rear of an RV, demonstrating its placement for optimal rear view.

OPERATION

Powering On/Off

The camera automatically powers on when a compatible monitor (not included) is activated and paired. Refer to your monitor's manual for specific pairing instructions.

Digital Signal and Range

The camera utilizes a powerful digital signal with frequency hopping technology, recommended for vehicles under 60 feet in length. This ensures a stable connection to your compatible monitor.

Image Quality

The VS-7AC camera features an upgraded AHD system, providing 1080P (1920x1080) resolution for clear and detailed images.

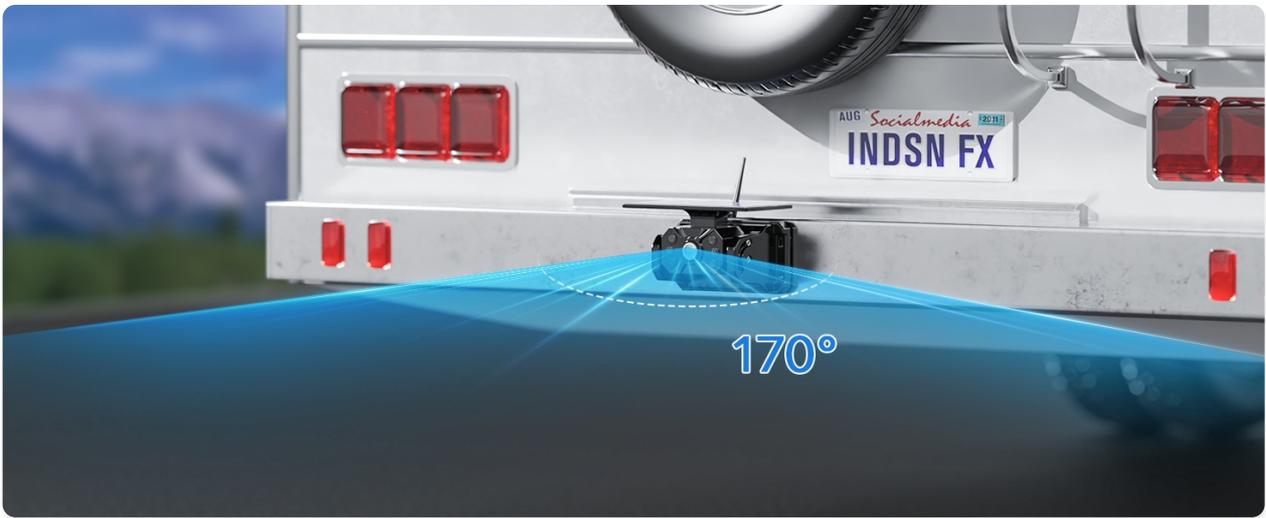


Image description: An illustration showing the 170-degree wide-angle view provided by the camera, enhancing visibility behind the vehicle.

Night Vision

Equipped with infrared LEDs, the camera provides clear visibility in low-light conditions and at night.



Image description: A split image demonstrating the camera's performance in daylight and its night vision capabilities in low-light environments.

Weather Resistance

The camera has an IP69 waterproof rating, protecting it from water and dust. It is designed to operate reliably in extreme weather conditions, from -10°C to 65°C (14°F to 149°F).



Image description: The camera mounted on an RV during rainfall, highlighting its IP69 waterproof design.



Image description: An illustration depicting the camera's operational temperature range, from cold snowy conditions to hot desert environments.

MAINTENANCE

Cleaning

Regularly clean the camera lens and solar panel with a soft, damp cloth to ensure optimal performance. Avoid abrasive cleaners that could scratch the surfaces.

Battery Care

For prolonged storage, ensure the battery is charged to at least 50%. Recharge periodically if stored for extended periods without sunlight exposure to maintain battery health.

TROUBLESHOOTING

No Signal on Monitor

- Ensure the camera is powered on and fully charged.
- Verify the camera is within the 60ft operating range of your compatible monitor.
- Check for any significant metal obstructions between the camera and monitor that might interfere with the wireless signal.

- Re-pair the camera with your monitor according to the monitor's instructions.

Poor Image Quality

- Clean the camera lens to remove dirt or smudges.
- Ensure the camera is securely mounted and not vibrating excessively.
- Check for strong electromagnetic interference sources nearby.

Battery Not Charging

- Ensure the USB Type-C cable is properly connected to both the camera and a working power source.
- For solar charging, ensure the solar panel is clean and exposed to direct sunlight without obstruction.
- Check the operating temperature; extreme cold or heat can affect charging efficiency.

SPECIFICATIONS

Feature	Detail
Product Dimensions	8 x 6 x 3 inches
Item Weight	1.5 pounds
Item Model Number	VS-7AC
Brand	VASTEND
Waterproof Rating	IP69
Battery Capacity	10000mAh
Charging Time	5 hours (full charge)
Operating Time	Up to 30 hours (single charge)
Resolution	1080P (1920x1080)
Real Angle of View	170 Degrees
Operating Temperature	-10°C to 65°C (14°F to 149°F)
Compatible Devices	Monitor (VS-7A compatible)
Installation Type	Magnetic / Surface Mount
Connector Type	Wireless

WARRANTY AND SUPPORT

VASTEND products are designed for reliability and performance. For warranty information or technical support, please refer to the contact details provided with your purchase or visit the official VASTEND website for assistance.

