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> AUTO-VOX S1P6 6-Inch Solar Wireless Backup Camera System User Manual

AUTO-VOX S1P6

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This manual provides essential information for the proper installation, operation, and maintenance of your AUTO-VOX S1P6 backup camera system.

1. INTRODUCTION

The AUTO-VOX S1P6 is a solar-powered wireless backup camera system designed to enhance vehicle safety and convenience. It features a 6-inch 1080P HD monitor, dual antennas for stable signal transmission, and DVR recording capabilities. The camera is IP69K waterproof, ensuring durability in various weather conditions.

1 Minute Quick Installation

Bracket fits standard license plate holes
for **easy installation**



Image: Overview of the AUTO-VOX S1P6 Solar Wireless Backup Camera System.

2. SETUP AND INSTALLATION

The AUTO-VOX S1P6 system is designed for quick and easy installation without complex wiring. Follow these steps for setup:

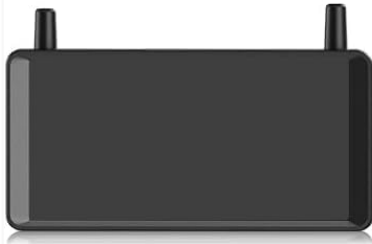
2.1 Package Contents

Before beginning, verify all components are present:

- 6-inch Dual Antenna Monitor
- Solar Wireless Backup Camera
- USB Car Adapter

- USB Power Cable for Monitor
- Battery Charging Cable
- Mount Holder
- Double Sided Tape
- User Manual

Package List



6" Monitor



Wireless Backup Camera



Mount Holder



USB Car Adapter



USB Power Cable for Monitor



Battery Charging Cable



Double Sided Tape

Truly Wireless
Backup Camera Kit

English User Manual

User Manual

Image: All components included in the AUTO-VOX S1P6 system package.

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Video: A detailed look at the contents of the AUTO-VOX S1P6 Solar Wireless Backup Camera Kit.

2.2 Camera Installation

1. Attach the solar wireless backup camera to your vehicle's license plate using a screwdriver or the included 3M adhesive.
2. Adjust the camera to your preferred angle for optimal rear view.
3. Secure the camera with the anti-theft screws provided.

2.3 Monitor Installation

1. Mount the 6-inch monitor on your dashboard using the provided mount holder. Ensure it does not

- obstruct your view.
2. Connect the monitor to your vehicle's 12V power outlet using the USB car adapter and USB power cable.
 3. The system is pre-paired for immediate use. Power on the monitor to activate the camera view.

Consistent Connectivity for a Relaxed Highway Drive



Suitable for **Up to 99.9%** of Large Vehicles

				
Truck	Camper	Horse Trailer	Boat Trailer	RV

Image: Step-by-step illustration of the quick installation process for the backup camera.

3. OPERATING INSTRUCTIONS

Understand the various functions of your AUTO-VOX S1P6 system for optimal performance.

3.1 Monitor Display

The 6-inch 16:9 widescreen monitor provides a clear and natural view. It can display a single camera view

or a dual-channel split screen if a second camera is connected (sold separately).



Image: The 6-inch widescreen monitor providing a clear view of the rear.

3.2 Signal Transmission

The dual antenna design ensures a stable and smooth wireless connection, reducing lag and dropouts, especially important for larger vehicles or highway driving.

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Video: Demonstration of the dual antenna system for enhanced signal stability and range.

3.3 DVR Recording

The system includes a built-in DVR that automatically records footage when the monitor is powered on. It

uses loop recording, overwriting the oldest footage when the micro SD card (not included) is full. This feature helps maintain a record of your drives.



Image: The DVR recording feature capturing a road scene.

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Video: Explanation of the DVR recording function and its benefits.

3.4 Night Vision and Clarity

The 1080P camera provides a sharp, accurate view. In low light conditions, it delivers a clear color image, aiding in spotting small or low-lying objects that might be missed by standard mirrors.

Superior 1080P Clarity

Spot obstacles instantly, day or night



Image: Demonstrating the 1080P clarity and color night vision, highlighting obstacles.

3.5 Wake Time Modes

The monitor offers various wake time modes to suit different situations, including auto-sleep for daily reversing, flexible settings for reverse checks, and a 'never' option for continuous monitoring during road changes or campsite watch.

4. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your backup camera system.

4.1 Solar Charging and Battery Life

The built-in solar panel assists in extending the camera's battery runtime during daylight hours. The camera remains in standby mode, ready to activate instantly when the monitor is powered on. For primary charging or when solar power is insufficient, use the provided battery charging cable via the Type-C port.

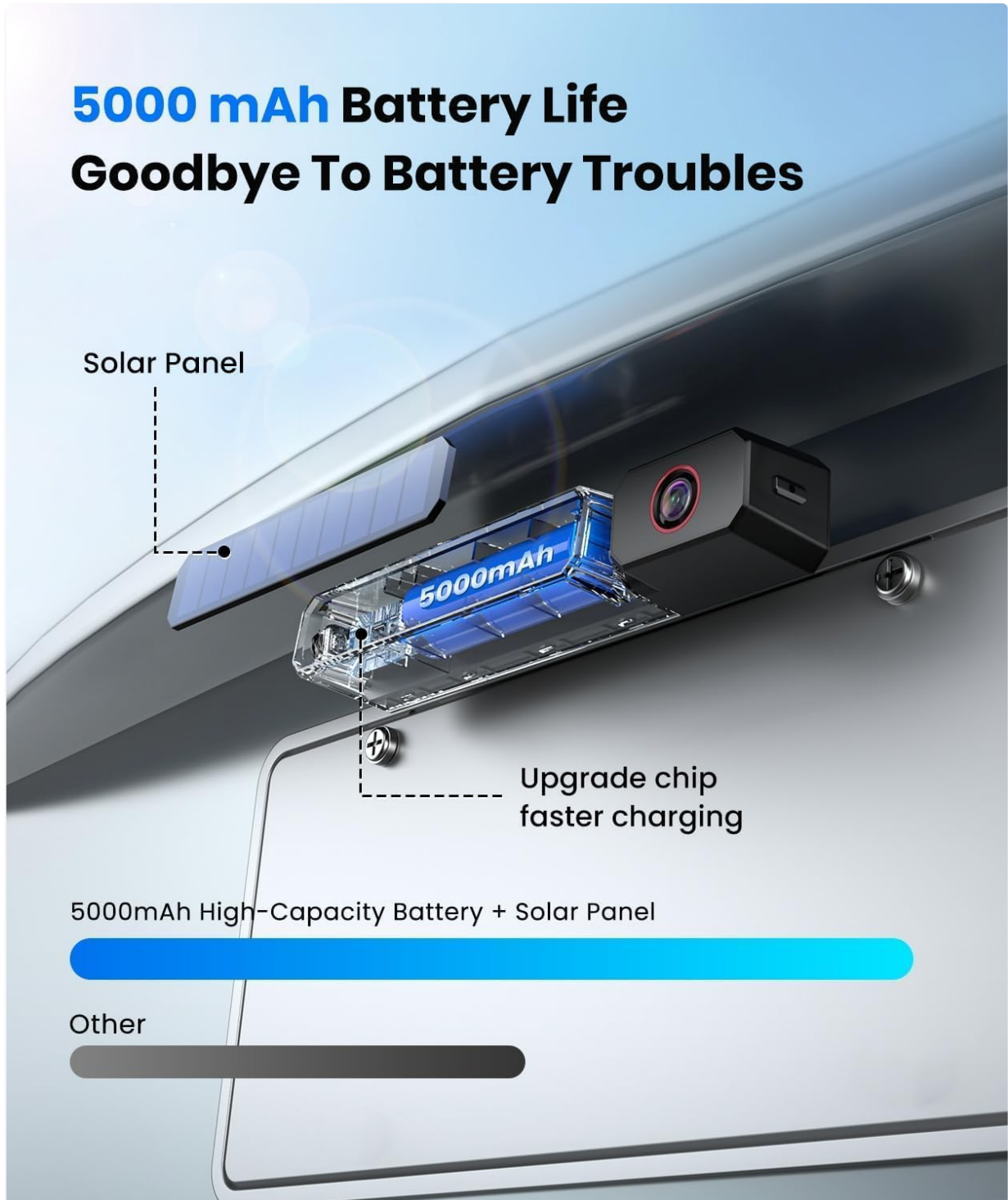


Image: Illustration of the solar panel and 5000mAh high-capacity battery for extended runtime.

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Video: Tips on maintaining battery charge and utilizing solar power effectively.

4.2 Waterproof Rating

The camera boasts an IP69K waterproof rating, meaning it is protected against close-range high-pressure, high-temperature spray downs. This ensures reliable operation in rain, snow, and other harsh environmental conditions.

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Video: Demonstration of the IP69K waterproof rating, showing the camera's resilience in various weather conditions.

5. TROUBLESHOOTING

If you encounter issues with your AUTO-VOX S1P6 system, refer to the following common problems and solutions:

- **No Image on Monitor:**

Ensure the monitor is properly connected to a 12V power source and turned on. Check if the camera battery has sufficient charge. Verify the camera and monitor are paired (they are pre-paired from the factory).

- **Signal Interruption or Lag:**

While dual antennas enhance stability, extreme distances or heavy interference can affect the signal. Ensure no large metal objects are blocking the line of sight between the camera and monitor.

- **Display Lag on Startup:**

Some users may experience a short delay (e.g., 8-10 seconds) for the display to appear after starting the vehicle. This is normal operation as the system initializes.

- **Monitor Not Viewable with Polarized Sunglasses:**

Due to the nature of LCD screens and polarized lenses, the monitor display may appear dim or invisible when wearing polarized sunglasses. Remove sunglasses for a clear view.

- **DVR Not Recording:**

Ensure a micro SD card is inserted into the monitor (not included). Check if the card is formatted correctly and has sufficient storage space.

- **Poor Night Vision:**

While the camera offers color night vision, ensure the camera lens is clean and free from obstructions. Extreme darkness may still limit visibility.

6. SPECIFICATIONS

Detailed technical specifications for the AUTO-VOX S1P6 system:

Feature	Specification
Brand	AUTO-VOX
Model Number	S1P6
Screen Size	6 Inches
Video Capture Resolution	1080p
Real Angle of View	130 Degrees
Field Of View	120 Degrees
Optical Sensor Technology	CMOS infrared

Feature	Specification
Lens Type	Wide Angle, Fixed
Voltage	12 Volts
Installation Type	Surface Mount
Compatible Devices	Car, RV, SUV, Trailer, Truck
Item Weight	1.1 Kilograms
Product Dimensions	11.61"L x 10.43"W x 3.54"H

7. WARRANTY AND SUPPORT

AUTO-VOX provides technical guidance and product support to ensure your backup camera operates correctly. If you have questions regarding solar charging, camera syncing, or any other feature, please contact our support team. Refer to the product packaging or official AUTO-VOX website for specific warranty details and contact information.