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## AUTO-VOX 7.2" Dual Camera

# AUTO-VOX 2 Solar Wireless Backup Camera: 7.2" HD Split-Screen Monitor User Manual

Model: 7.2" Dual Camera

### INTRODUCTION

The AUTO-VOX 2 Solar Wireless Backup Camera system provides enhanced visibility and safety for various vehicles, including trucks, RVs, campers, trailers, and cars. This system features dual cameras for wider coverage, a 7.2-inch HD split-screen monitor, DVR recording capabilities, and a dual antenna signal for stable transmission. Designed with an IP69K waterproof rating, it ensures reliable performance in diverse weather conditions. The solar-powered cameras reduce the need for frequent charging, making it ideal for long journeys.

### WHAT'S IN THE BOX

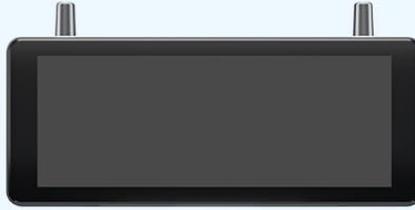
Verify that all components are present in your package:

- 2 x Wireless Cameras
- 1 x 7.2" Monitor
- 1 x Mount Holder
- 1 x Car Charger
- 1 x USB Power Cable
- 1 x User Manual
- 2 x Camera Double-Sided Tape
- 1 x Camera Charging Cable

# Package List



Wireless Camera\*2



7.2" Monitor



Mount Holder



Car Charger



USB Power Cable



User Manual



Camera Double-Sided Tape\*2



Camera Charging Cable

Image: All components included in the AUTO-VOX 2 Solar Wireless Backup Camera package.

## SETUP INSTRUCTIONS

### Camera Installation

The wireless cameras offer two primary installation methods: using 3M adhesive for a quick stick-on setup or using the included screws for a permanent fit. Anti-theft screws are provided for added security.

1. **Choose Mounting Location:** Decide whether to mount the camera above or below your vehicle's license plate. Consider

potential obstructions like backup lights.

## 2. Secure the Camera:

- **Adhesive Method:** Clean the mounting surface thoroughly. Apply the provided 3M adhesive to the camera bracket and firmly press it onto the desired location.
- **Screw Method:** Align the camera bracket with the license plate screw holes. Use the anti-theft screws to secure the camera firmly.

## 3. Adjust Lens: The camera features an adjustable lens to optimize the viewing angle.

# Two Installation Methods



Image: Illustration of mounting the camera above or below the license plate, with options for adjustable lens and anti-theft screws.

## 3-Minute Easy Install

Dual-antenna upgrade, Clear, stable view without dropouts or delays



Tips: Adjust placement flexibly based on your vehicle

Image: A close-up of the camera mounted on a license plate, highlighting the solar panel and adjustable lens.

### Monitor Installation

1. **Attach Mount Bracket:** Connect the monitor to the provided mount bracket.
2. **Secure Monitor:** Peel the backing from the adhesive on the mount bracket and firmly attach it to your dashboard or a suitable flat surface inside your vehicle.
3. **Power Connection:** Plug the power cable into the monitor and then into your vehicle's cigarette lighter socket or a USB power source. The monitor will power on automatically.

### Auto Wake Mode

Screen sleeps after 120s, 240s, or stays always on—wakes instantly when needed



Auto Sleep



Flexible Settings



Power Saving



Image: Step-by-step guide for installing the monitor, including attaching the bracket, securing it to the dashboard, and connecting the power.

### Video Installation Guides

For a visual walkthrough of the installation process, please refer to the following videos:

#### Detailed Installation Instruction

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Video: A comprehensive guide demonstrating each step of the AUTO-VOX 2 Solar Wireless Backup Camera installation.

#### Installation Examples from Real Users

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Video: Examples of the AUTO-VOX 2 Solar Wireless Backup Camera installed on various vehicles by users, showcasing different mounting options.

## OPERATING INSTRUCTIONS

### Powering On and Display Modes

- The monitor automatically powers on when connected to a power source and the cameras are active.
- The 7.2" HD monitor supports a split-screen display, allowing you to view feeds from both cameras simultaneously for wider coverage and reduced blind spots.



Image: The 7.2-inch monitor displaying a split-screen view from two cameras, illustrating how it eliminates blind spots when towing.

### DVR Loop Recording

The system includes DVR loop recording functionality. It continuously records footage while you drive and park. When the storage

card (up to 64GB, not included) is full, the system automatically overwrites the oldest footage, ensuring continuous documentation of your journeys.

# DVR Loop Recording



Up to 64 GB  
(not included)



Automatically  
overwrites old footage



Image: Visual representation of the DVR loop recording feature, showing icons for storage capacity and automatic overwriting of old footage.

## Auto Wake Mode

The monitor features an Auto Wake Mode to conserve power. You can configure the screen to sleep after 120 seconds, 240 seconds, or remain always on. It instantly wakes when needed, providing immediate visual feedback for reversing, towing, or general road view.



Image: The monitor's Auto Wake Mode settings, illustrating options for sleep timers (120s, 240s) or always-on display for various driving scenarios.

## Day and Night Vision

The 1080P resolution cameras provide clear views during the day. At night, the system maintains a bright and colorful image, rather than switching to black-and-white, allowing for confident parking and reversing in dimly lit environments.

# Crystal-Clear Day and Night



**HD 1080P**

Clear view for precise hitch alignment



**Full-Color Night View**

Clear reversing even in dark driveways

Image: A comparison showing the clear 1080P resolution during the day and the full-color night vision capability of the camera.

## Wide Application

The dual camera system is versatile and can be used for various applications:

- **Hitch Alignment:** Provides a clear view for precise hitch alignment when connecting trailers.
- **Daily Reversing:** Enhances safety and ease during everyday parking and reversing maneuvers.
- **On-Road Driving:** Offers a continuous rear view, especially useful when towing.
- **Horse Trailer Towing:** Allows monitoring of the trailer and its contents.

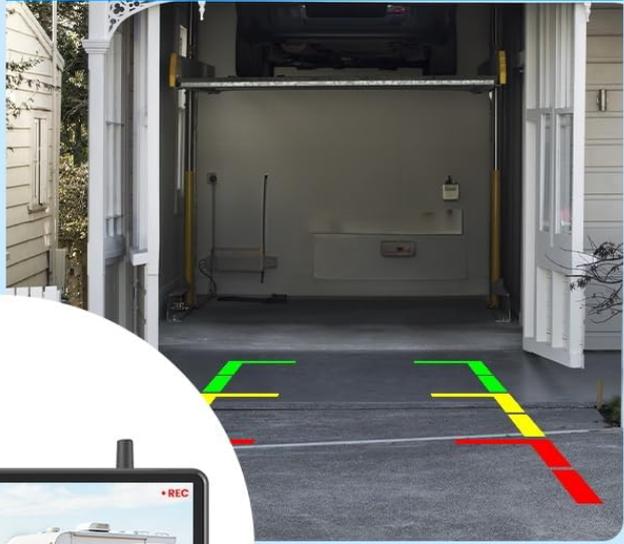
# Wide Application

Clear view for safer reversing anytime

Hitch Alignment



Daily Reversing



On-Road Driving



Horse Trailer Towing

Image: Examples of the system's wide application, including hitch alignment, daily reversing, on-road driving, and horse trailer towing.

## MAINTENANCE

### Solar Charging

The built-in solar panels on the cameras recharge the battery as you drive, significantly reducing the frequency of manual charging. For optimal performance, ensure the solar panel is exposed to sunlight. A Type-C charging port is also available for manual charging when needed.

# Solar Assist, Lasts Longer

Stay powered through every roadtrip



Solar Assist  
Charging



Type-C  
Charging



Car  
Charger



Dual Power  
Supply



Type-C Charging



Solar Charging

Image: Illustration of the solar assist charging feature and the Type-C charging option for the camera, ensuring continuous power.

## Weather Resistance

The cameras are IP69K waterproof, designed to withstand harsh environmental conditions, including high temperatures, low temperatures, dust, sand, and rainy days. This ensures clear visibility and reliable operation regardless of the weather.



Image: The IP69K waterproof rating of the camera, demonstrating its durability in high temperatures, low temperatures, dust, and rain.

## DVR Storage Management

The DVR system automatically manages storage by overwriting the oldest files when the memory card is full. This ensures that you always have the most recent recordings without manual intervention.

## TROUBLESHOOTING

If you encounter issues with your AUTO-VOX 2 Solar Wireless Backup Camera system, consider the following general troubleshooting steps:

- **No Signal/Interference:**
  - Ensure both cameras and the monitor are powered on.
  - Check for any large metal obstructions between the cameras and the monitor that might interfere with the wireless signal.
  - Verify that the dual antennas on the monitor are properly positioned for optimal reception. The system is designed for stable connection up to 500 feet.
- **Monitor Not Turning On:**
  - Confirm the car charger is securely plugged into the cigarette lighter socket and the vehicle's ignition is on.
  - Check the power cable connection to the monitor.
- **Camera Not Charging:**
  - Ensure the solar panel on the camera is clean and exposed to direct sunlight.
  - If solar charging is insufficient, use the provided Camera Charging Cable with a Type-C port for manual charging.
- **Image Quality Issues:**
  - Clean the camera lens to remove any dirt or debris.
  - Ensure the monitor screen is clean.

For more specific issues or persistent problems, please contact AUTO-VOX customer service.

## SPECIFICATIONS

<b>Brand</b>	AUTO-VOX
<b>Screen Size</b>	7.19 Inches
<b>Product Dimensions</b>	11.7"L x 10.6"W x 3.3"H
<b>Compatible Devices</b>	Most Of Vehicle
<b>Installation Type</b>	Surface Mount
<b>Voltage</b>	12 Volts
<b>Optical Sensor Technology</b>	CMOS
<b>Lens Type</b>	Wide Angle, Fixed

<b>Real Angle of View</b>	120 Degrees
<b>Connector Type</b>	Car Charge, USB
<b>Video Capture Resolution</b>	1080p
<b>Effective Still Resolution</b>	1080 Pixels
<b>Optical Sensor Size</b>	1/2.5 inch
<b>Item Weight</b>	2.2 Pounds
<b>Built-In Media</b>	7.2 inch Monitor, Backup Camera, Car Charge, Dual Cams, USB

## **WARRANTY AND SUPPORT**

Each AUTO-VOX 2 Solar Wireless Backup Camera system comes with a full replacement warranty. AUTO-VOX is committed to providing responsive customer service to ensure a worry-free user experience and long-term reliability.

For assistance, please refer to the contact information provided in your product packaging or visit the official AUTO-VOX website.