AUTO-VOX CS-2

AUTO-VOX CS-2 Wireless Backup Camera System User Manual

Model: CS-2

Product Overview

The AUTO-VOX CS-2 Wireless Backup Camera System provides a clear and stable view of the area behind your vehicle, enhancing safety during reversing and parking. This system features a 4.3-inch car monitor and a high-definition camera with super night vision capabilities, designed for easy installation in various vehicle types including trucks, SUVs, vans, and trailers.



Figure 1: AUTO-VOX CS-2 Wireless Backup Camera System components.

What's Included

The package contains all necessary components for installation and operation:

- Monitor
- Camera
- Mount
- Power Cord (1550mm)
- Car Charger (3650mm)
- Straps & Clamps
- User Manual



Figure 2: Package Contents.

Setup and Installation

The AUTO-VOX CS-2 system is designed for straightforward installation, typically requiring only two main steps.

Step 1: Mount the Camera

Position the backup camera in the center of your vehicle's license plate area for optimal rear view coverage.



Figure 3: Camera placement on license plate.

Step 2: Connect the Camera Power

Connect the camera's red wire (positive) to your vehicle's reverse light power supply and the black wire (negative) to a ground point. This ensures the camera activates automatically when the vehicle is put into reverse.



Figure 4: Camera power wiring diagram.

Monitor Setup

Power the 4.3-inch monitor by connecting its car charger to your vehicle's cigarette lighter socket. The monitor features a 360-degree adjustable mount for flexible positioning on your dashboard or windshield, ensuring optimal viewing angle.

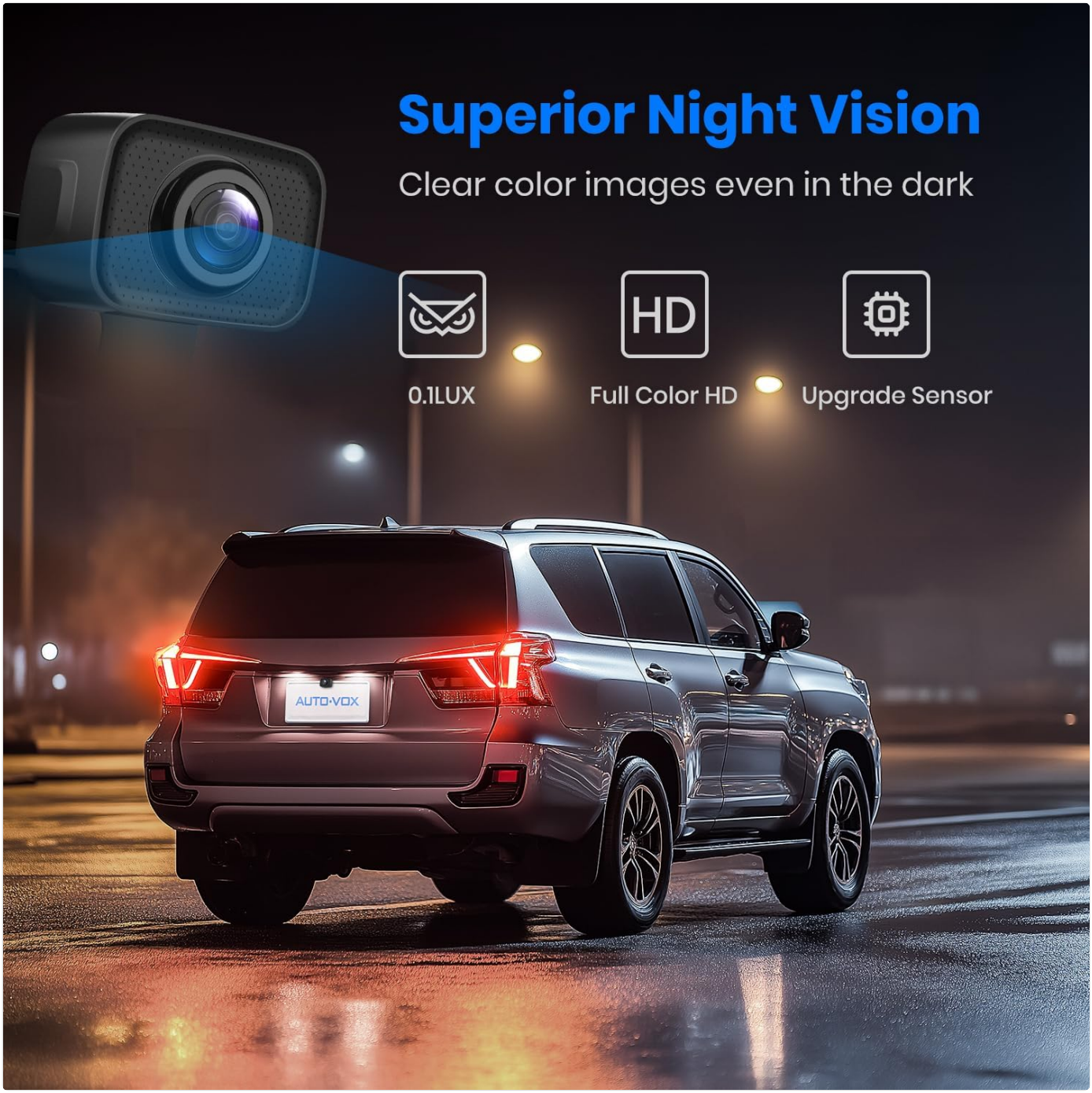


Figure 5: Monitor power connection and adjustability.



Figure 6: Two-step installation overview.

Operating Instructions

Once installed, the AUTO-VOX CS-2 system operates automatically when your vehicle is shifted into reverse. The monitor will display the camera feed, providing a clear view of the area behind your vehicle.

Stable Digital Signal

The system utilizes 2.4G wireless technology to ensure a stable and interference-free digital signal, providing a smooth picture quality without delay for vehicles up to 33 feet in length. This makes it suitable for various vehicle types including cars, SUVs, pickups, vans, and trucks.



Figure 7: Stable Digital Signal transmission.

Crystal HD Image & Super Night Vision

Equipped with a PC1058 sensor, the camera delivers vivid and stable HD images. With a 0.1-lumen rating, it provides superior night vision, restoring clear color images even in low-light conditions.



Figure 8: Superior Night Vision capability.

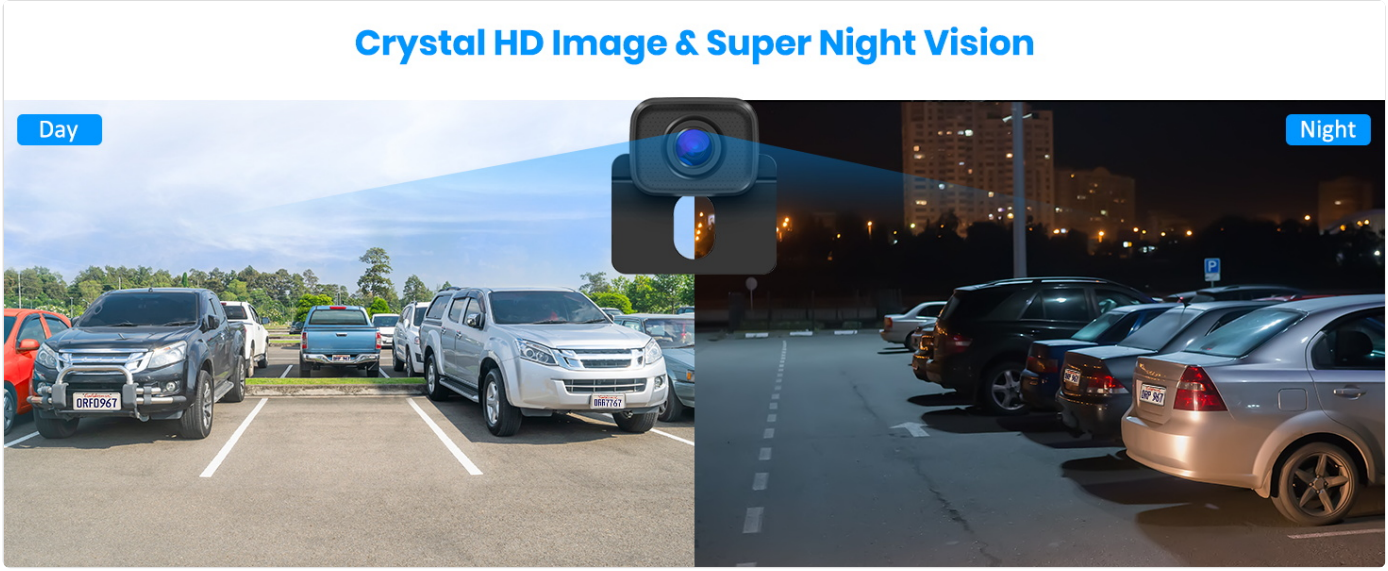


Figure 9: Day and Night Image Quality.

Wide Angle View & DIY Guidelines

The camera offers a 110-degree golden angle wide view, covering a broad field without image distortion. The monitor allows for customization of parking guidelines, enabling you to adjust their position (left, right, up, down) or turn them off to suit your preference and vehicle dimensions, aiding in precise parking.



Figure 10: Wide Angle View.



Figure 11: System Features: Stable Signal, Flip Image, DIY Guidelines, and Menu.

Multi-function Rear View Camera

The camera supports flipping the image between mirror (rear view) and facing (front view) modes, offering versatility for different applications.

Maintenance

To ensure the longevity and optimal performance of your AUTO-VOX CS-2 system, follow these maintenance guidelines:

- **Cleaning:** Regularly clean the camera lens and monitor screen with a soft, damp cloth. Avoid abrasive cleaners or solvents that could damage the surfaces.
- **Cable Inspection:** Periodically check all cable connections for any signs of wear, fraying, or loose connections. Ensure they are securely fastened.
- **Camera Position:** Verify that the camera remains securely mounted and its angle is not obstructed.
- **Waterproof Rating:** The camera is IP68 waterproof, designed to withstand rain, fog, and other weather conditions. However, avoid high-pressure washing directly on the camera lens.



Figure 12: IP68 Waterproof & Dustproof Camera.

Troubleshooting

If you encounter issues with your AUTO-VOX CS-2 system, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
No image on monitor	Monitor not powered. Camera not powered or improperly connected. Signal interference.	Ensure car charger is securely plugged into cigarette lighter and vehicle ignition is on. Check camera's red and black wire connections to reverse light and ground. Ensure camera and monitor are within effective wireless range (within 33ft).

Problem	Possible Cause	Solution
Flickering or unstable image	Weak or intermittent signal. Electrical interference from other vehicle components.	Verify camera and monitor are not obstructed by large metal objects. Ensure power connections are stable and free from corrosion.
Parking lines incorrect or missing	Guidelines setting is off or misconfigured.	Access the monitor's menu to enable or adjust the parking guidelines. Refer to Figure 11 for menu options.

If these steps do not resolve the issue, please contact AUTO-VOX customer support for further assistance.

Specifications

Feature	Detail
Product Dimensions	6.7 x 4.7 x 3.7 inches
Item Weight	1.09 pounds
Model Number	CS-2
Display Technology	LED
Other Display Features	Wireless
Color	Black
Screen Size	4.3 Inches
Lux Rating	0.1 Lux
Compatible Devices	Monitor
Installation Type	Dashboard Mount, Surface Mount
Voltage	12 Volts
Optical Sensor Technology	CMOS
Lens Type	Wide Angle
Waterproof Standard	IP68

Warranty and Support

AUTO-VOX provides comprehensive customer service and technical support for the CS-2 Wireless Backup Camera System. The product comes with an **18-month replacement service**.
For any questions, concerns, or technical assistance, please contact AUTO-VOX customer support. Contact information can typically be found on the official AUTO-VOX website or within the product packaging.
You can also refer to the official AUTO-VOX store on Amazon for additional resources and support:AUTO-VOX Store

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Example: How do I reset this device or fix this error?

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Model number, symptoms, what you tried, or the section of the manual you are using.

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