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 - > Acouto SM625AIS 6.25-inch Car Display Touchscreen with AI Blind Spot Warning System User Manual

Acouto SM625AIS

Acouto SM625AIS 6.25-inch Car Display Touchscreen User Manual

AI Blind Spot Warning System

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Acouto SM625AIS 6.25-inch Car Display Touchscreen with AI Blind Spot Warning Function. Please read this manual thoroughly before using the product to ensure proper function and safety.



Figure 1: Acouto SM625AIS Car Display Touchscreen and Cameras.

2. PACKAGE CONTENTS

Verify that all items listed below are included in your package. If any items are missing or damaged, please contact customer support.

- 1 x 6.25-inch Display
- 2 x Camera Units
- 3 x User Manuals (This document is one of them)
- 1 x Pack of Wiring Harness Accessories (9PCS)
- 2 x Packs of Camera Accessories (18PCS)

PACKAGE CONTENT

		
6.25 inch display	Type1 Bracket	Type2 Bracket
		
2 Camera	Cable for display	Extension cable for cameras
 		
Sticker for fixed cameras cable Camera Angle adjuster	Sticker for fixed cameras cable	12V-24V cigar lighter power supply

Figure 2: Contents of the Acouto SM625AIS package.

3. PRODUCT SPECIFICATIONS

Component	Specification
Screen Size	6.25 inch
Screen Resolution	1560x720P
Brightness	650cd/m2
Power Input	DC12V-24V (via car cigar lighter)
Camera Chip	GC2053
Camera Resolution	1920x1080P
Camera Angle	Horizontal 120°, Vertical 90°

Component	Specification
Camera Rating	IP67 (Water-resistant)
Display Housing Material	Aluminum Alloy
OSD Language	English, Simplified Chinese, Japanese
Memory Card Support	Up to 128GB (not included)
Item Weight	2.2 pounds
Model Number	SM625AIS

5inch Panel with 1280x720



Figure 3: Product Dimensions.

4. INSTALLATION INSTRUCTIONS (SETUP)

Follow these steps for proper installation of the Acouto SM625AIS system:

1. **Prepare the Installation Area:** Clean the surface of the rearview mirror or the desired camera mounting location thoroughly to ensure proper adhesion.
2. **Mount the Cameras:** Stick the rearview mirror cameras in place. The cameras are designed for left and right side view blind spot imaging. Ensure the lens angle is adjusted for optimal view. The camera mounting type

uses body stickers for secure attachment.

3. **Connect Camera Power:** Connect the power cords for both cameras.
4. **Mount the Display:** The 6.25-inch display can be installed on your dashboard using Type 1 bracket or on an air vent using Type 2 bracket. Choose the location that provides the best visibility without obstructing your driving view.
5. **Connect Display Power:** Connect the display screen to the car's cigar lighter for power (DC12V-24V).
6. **Adjust Display Angle:** The display supports horizontal and vertical movement. Adjust the viewing angle as needed. The camera can also rotate at different angles using tools to solve screen tilt issues.

Product installation

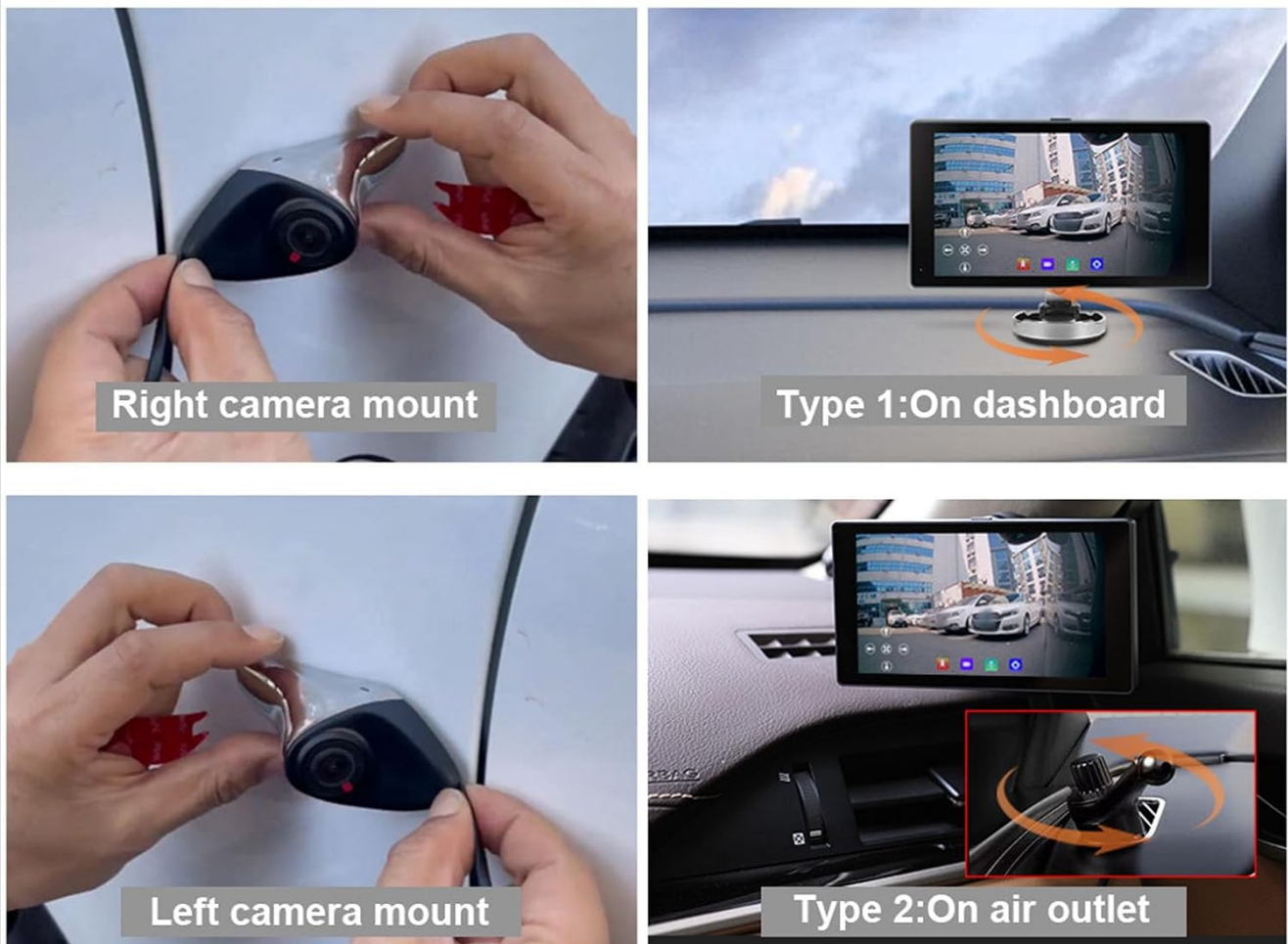


Figure 4: Camera and Display Installation Examples.

5. OPERATING INSTRUCTIONS

Once installed and powered on, the Acouto SM625AIS system provides several functions to enhance driving safety:

- **Real-time Blind Spot View:** The cameras provide a clear, real-time view of your vehicle's left and right blind spots on the 6.25-inch touchscreen.
- **Split Screen Function:** The display supports a split-screen function, allowing you to view images from both cameras simultaneously.
- **Single and Dual Screen Switching:** Easily switch between single camera view and dual split-screen view using the slide screen function on the touchscreen.

- **AI Blind Spot Warning:** The integrated AI technology detects cars or pedestrians approaching your vehicle from the blind spots and provides timely alerts to the driver, reducing accident risk.
- **Built-in DVR Function:** The system includes a built-in Digital Video Recorder (DVR) function. Insert a memory card (up to 128GB, not included) into the designated slot to record footage.

With AI technology
Alarm driver when car or pedestrian approaching your car



Figure 5: AI Blind Spot Warning in action.

**Built in DVR function
maximum support 128G memory card**



Figure 6: DVR Function and Memory Card Slot.

6. FEATURES OVERVIEW

The Acouto SM625AIS system is designed with several key features to enhance your driving experience and safety:

- **Enhanced Driving Safety:** Features like split-screen display, built-in DVR, and AI blind spot warning contribute to a safer driving environment.
- **Crisp Viewing Experience:** A 6.25-inch TFT LCD panel touchscreen with 1560x720P resolution and 1920x1080P cameras provide clear, real-time views.
- **Timely Alert System:** AI blind spot warning alerts you to potential hazards on both sides of your vehicle.
- **Easy Installation:** Quick stick-on camera installation and flexible display mounting options.
- **Flexible Adjustment:** Support for horizontal and vertical movement of the display and adjustable camera angles for personalized viewing.
- **Durable Design:** IP67 water-resistant cameras ensure performance in various weather conditions.

7. MAINTENANCE

To ensure the longevity and optimal performance of your Acouto SM625AIS system, follow these maintenance guidelines:

- **Cleaning the Display:** Use a soft, lint-free cloth to gently wipe the touchscreen. Avoid abrasive cleaners or solvents that could damage the screen.
- **Cleaning the Cameras:** Periodically clean the camera lenses to ensure a clear view. Use a soft cloth and, if necessary, a mild glass cleaner.
- **Cable Inspection:** Regularly check all wiring harnesses and connections for any signs of wear, damage, or loose connections.
- **Software Updates:** Check the manufacturer's website for any available firmware or software updates to ensure your system has the latest features and bug fixes.
- **Memory Card Management:** If using the DVR function, periodically back up important footage and format the memory card to maintain optimal recording performance.

8. TROUBLESHOOTING

If you encounter issues with your Acouto SM625AIS system, refer to the following common problems and solutions:

- **No Power to Display:**
 - Ensure the cigar lighter power adapter is securely plugged into the car's power outlet and the display.
 - Check the car's cigar lighter fuse.
- **No Camera Image on Display:**
 - Verify that the camera cables are securely connected to both the cameras and the display unit.
 - Ensure the cameras are receiving power.
 - Try switching between single and dual-screen modes to see if one camera is working.
- **Unclear or Distorted Image:**
 - Clean the camera lenses.
 - Check for any obstructions in the camera's field of view.
 - Ensure the camera is securely mounted and not vibrating.
- **AI Warning Not Functioning:**
 - Ensure the cameras are properly positioned and have a clear view of the blind spot areas.
 - Check the system settings on the display to ensure the AI warning function is enabled.
- **DVR Not Recording:**
 - Ensure a compatible memory card (up to 128GB) is inserted correctly into the slot.
 - Check if the memory card is full; format it if necessary (this will erase all data).
 - Verify the DVR recording function is enabled in the display settings.

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

9. WARRANTY AND SUPPORT

Acouto products are manufactured to high-quality standards. For warranty information, technical support, or service

inquiries, please refer to the warranty card included in your package or visit the official Acouto website. Please have your model number (SM625AIS) and purchase details ready when contacting support.

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Question

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

Details

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

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