

[Manuals.plus](#) /

› [Jansite](#) /

› Jansite 4.3-inch LCD Car Rear View Camera System User Manual

Jansite P046

Jansite 4.3-inch LCD Car Rear View Camera System User Manual

Model: P046

1. PRODUCT OVERVIEW

The Jansite 4.3-inch LCD Car Rear View Camera System is an advanced parking assistance solution designed to enhance driving safety. This system features an upgraded IP68 waterproof camera and a compact 4.3-inch LCD monitor, providing clear visibility for reversing and parking maneuvers. Its simplified installation process, utilizing a single cable connection and cigarette lighter power, makes it user-friendly for all.

The camera offers versatile image options, allowing users to switch between normal and mirror images by cutting a specific wire, making it suitable for both rear and front camera applications. The monitor can be conveniently mounted on the windshield using a reusable suction cup, saving dashboard space.

2. PACKAGE CONTENTS

Please verify that all items listed below are included in your package:

- 1 x 4.3-inch LCD Monitor
- 1 x Rear View Camera
- 1 x Cigarette Lighter Power Adapter
- 1 x Windshield Suction Cup Mount
- 1 x Connection Cable (for monitor and camera)
- 1 x User Manual (this document)

Package List



Package



Monitor



Camera



Car Charger



Suction cup

Figure 2.1: Illustration of the complete package contents, including the monitor, camera, car charger, and suction cup mount.

3. SETUP AND INSTALLATION

Follow these steps to properly install your Jansite Rear View Camera System:

3.1 Monitor Installation

1. **Choose a Location:** Select a suitable spot on your windshield that does not obstruct your view of the road.
2. **Clean the Surface:** Ensure the windshield surface is clean and dry before attaching the suction cup mount.
3. **Attach the Mount:** Press the suction cup firmly against the windshield and engage the locking mechanism to secure it.
4. **Adjust Monitor Angle:** Attach the 4.3-inch LCD monitor to the mount and adjust its angle for optimal viewing. The mount allows for 360-degree rotation.



Figure 3.1: The monitor mounted on a dashboard, showing its compact size and the 360-degree adjustable suction cup mount. Dimensions are 125mm (length) x 15mm (width) x 75mm (height).

3.2 Camera Installation

1. **Mount the Camera:** Install the rear view camera at the back of your vehicle, typically near the license plate light or on the bumper, ensuring a clear view.
2. **Route the Cable:** Carefully route the camera's connection cable from the rear of the vehicle to the front, where the monitor is located. Ensure the cable is secured and does not interfere with moving parts or get pinched.

3.3 Wiring Connection

The system is designed for simplified wiring using a single cable for both power and video signal transmission between the monitor and camera. Power is supplied via the cigarette lighter adapter.

1. **Connect Camera to Monitor:** Connect the 4-pin connector of the camera cable to the corresponding input on the monitor's cable.
2. **Connect Power:** Plug the cigarette lighter power adapter into your vehicle's 12V cigarette lighter socket. Connect the power adapter to the monitor's power input.

3. **Test the System:** Start your vehicle and engage reverse gear (if applicable) to test the camera system. The monitor should display the rear view.

NOTE: This system is designed for 12V car use only.



Figure 3.2: Simplified connection diagram showing the 4-pin connector for easy setup, contrasting with older RCA connections.



Figure 3.3: Overview of the system installation in a vehicle, illustrating the placement of the camera (A) and monitor (B).

4. OPERATING INSTRUCTIONS

4.1 Powering On/Off

The monitor automatically powers on when the vehicle's ignition is turned on and the cigarette lighter socket receives power. It will power off when the ignition is turned off.

4.2 Image Adjustment (Mirror/Normal Image)

The camera supports switching between mirror image (for rear view) and normal image (for front view). This is achieved by cutting a specific wire on the camera cable. By default, the mirror image is not displayed.

- **To enable Mirror Image:** Locate the specific wire on the camera cable (refer to the diagram on the product image) and cut it. This will activate the mirror image display, suitable for rear view applications.
- **To enable Normal Image:** If the mirror image is active and you wish to use the camera as a front camera, cut the designated wire to switch to normal image display.

4.3 Parking Line Control

The camera may feature adjustable parking guidelines. Refer to the camera's specific wiring for controlling these lines. Typically, cutting another designated wire can enable or disable these guidelines.



Figure 4.1: Diagram illustrating the improved back camera features, including 120° wide-angle lens, control for parking lines, and control for mirror image via wire cutting. The camera is IPX67 waterproof and features a rugged metal body.

5. MAINTENANCE

- **Cleaning the Monitor:** Use a soft, dry cloth to clean the monitor screen. For stubborn smudges, a slightly damp cloth with a mild, non-abrasive cleaner can be used. Avoid spraying liquids directly onto the screen.
- **Cleaning the Camera Lens:** Keep the camera lens clean from dirt, dust, and water spots to ensure clear image quality. Use a soft cloth and, if necessary, a lens cleaning solution.
- **Suction Cup Maintenance:** If the windshield suction cup mount loses its adhesion over time, wash the gel part with water and let it air dry. This can revive its stickiness.
- **Cable Inspection:** Periodically check all cables for any signs of wear, damage, or loose connections. Ensure they are securely routed and not exposed to excessive heat or sharp edges.

IP68 Waterproof



Figure 5.1: The camera is designed to be IP68 waterproof, ensuring durability in various weather conditions.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Monitor screen is black/no image.	No power to the monitor. Loose cable connection. Faulty camera or monitor.	Check if the cigarette lighter adapter is properly plugged in and receiving power. Ensure all cables (monitor to camera, power to monitor) are securely connected. Test the system in another 12V vehicle if possible, or contact customer support.

Problem	Possible Cause	Solution
Image is blurry or distorted.	Dirty camera lens. Poor cable connection. Camera not properly focused (unlikely for fixed-focus cameras).	Clean the camera lens with a soft cloth. Check and re-secure all cable connections.
Image is reversed (mirror image when not desired, or vice versa).	Image flip wire incorrectly cut or not cut.	Refer to Section 4.2 and ensure the image flip wire is cut or intact as per your desired image orientation.

7. SPECIFICATIONS

Component	Specification
Monitor Type	4.3-inch LCD Monitor
Monitor Resolution	480(W) × 272(H)
Video Format	PAL / NTSC (Compatible with all signal formats)
Rated Voltage	9V - 35V (System designed for 12V car use)
Power Consumption	Extremely low (to prevent overheating)
Camera Waterproof Rating	IP68 (Camera), IPX67 (as per image)
Camera Lens Angle	120 degrees wide-angle
Night Vision	Yes (Infrared CMOS optical sensor technology)
Connection Type	4-Pin connector (simplified single cable)
Monitor Dimensions	12.5cm (L) × 1.5cm (W) × 7.5cm (H)
Mount Type	Windshield Suction Cup (reusable, 360° adjustable)
Certifications	CE / RoHS / IP6X (Monitor)

8. WARRANTY AND SUPPORT

Jansite offers a **1-year warranty** for this product. If the product is found to be defective within this 1-year period, a free replacement will be provided.

For any questions, issues, or warranty claims, please do not hesitate to contact the seller directly. Please have your purchase information and product model number (P046) ready when contacting support.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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.

Submit question