

[Manuals.plus](#) /

› [Losuudy](#) /

› Losuudy 10.1" Wired Backup Camera System Instruction Manual

Losuudy L-A1

Losuudy 10.1" Wired Backup Camera System

Model: L-A1

INTRODUCTION

The Losuudy 10.1" Wired Backup Camera System is designed to enhance driving safety and convenience for large vehicles such as trucks, RVs, buses, and trailers. This system features a high-definition 10.1-inch IPS touch screen monitor and AHD1080P cameras, providing clear and comprehensive views around your vehicle. With support for up to four cameras and DVR recording capabilities, it helps reduce blind spots and offers valuable visual data for safer maneuvering and monitoring.

WHAT'S IN THE BOX

Please verify that all components are present and in good condition upon opening the package:

- 10.1-inch IPS Touch Monitor (x1)
- AHD 1080P Rear View & Side View Camera (x3)
- 49ft Cable (x1)
- 23ft Cable (x2)
- Car Charger (x1)



Image: Overview of the Losuudy 10.1" Wired Backup Camera System components.

SPECIFICATIONS

Feature	Detail
Model Number	L-A1
Screen Size	10.1 Inches
Display Technology	LCD, IPS Touch Screen
Video Capture Resolution	1080p AHD
Camera Rating	IP68 Waterproof, Dustproof
Night Vision	Yes
Power Source	12V-36V (Car Charger or Hardwired ACC)

Recording Function	DVR Recording (supports 4 cameras simultaneously)
Compatible Devices	RVs, Trucks, Trailers, Box trucks, Pickup trucks, Vans
Product Dimensions	17.3"L x 11.5"W x 4.1"H
Item Weight	6.82 pounds

SETUP AND INSTALLATION

The Losuudy Backup Camera System is designed for straightforward installation, primarily requiring a single cable connection between the monitor and cameras. It can be powered via a cigarette lighter adapter or hardwired to an ACC power source (12V-36V).

Installation Steps:

- 1. Mount the Monitor:** Choose a suitable location on your dashboard or windshield for the 10.1-inch touch screen monitor. Ensure it does not obstruct your view and is easily accessible for operation.
- 2. Install Cameras:** Strategically place the AHD 1080P cameras for optimal rear and side views. The IP68 waterproof rating ensures durability in various weather conditions. Securely mount each camera using the provided hardware.
- 3. Connect Wiring:** Connect the cameras to the monitor using the provided 49ft and 23ft cables. These cables are designed for a single-cable connection, simplifying the wiring process.
- 4. Power Connection:** Connect the monitor to your vehicle's power supply. You can use the included cigarette lighter adapter for a quick setup or hardwire it to an ACC (Accessory) power source for a more permanent installation. The system supports 12V-36V power input.
- 5. Test the System:** Before finalizing the installation, power on your vehicle and test all camera views and functions to ensure proper operation.



RV



Truck



Bus



construction
vehicle



Trailer



Image: Recommended camera placement for different vehicle types.

IP68 Waterproof Cameras

The new generation of cameras with full protection is more than enough for all kinds of weather.



HD 1080P



Waterproof



Dustproof



Ambient temp
-4°F ~ 158°

Image: IP68 Waterproof Cameras, designed for all weather conditions.

OPERATING INSTRUCTIONS

The 10.1-inch full touch screen monitor provides intuitive control over the system's features.

Monitor Functions:

- **Power On/Off:** The monitor can automatically turn on/off with your vehicle's ignition when connected to an ACC power source. Alternatively, use the physical power button.
- **Touch Screen Interface:** Navigate through menus and settings by touching the screen. The 2.5D IPS panel offers a responsive and clear display.
- **Split Screen Display:** The monitor supports various split-screen modes, allowing you to view feeds from multiple cameras simultaneously. You can display up to four camera views at once for comprehensive monitoring.
- **Camera Selection:** Easily switch between individual camera views or select different split-screen layouts via

the touch interface.

- **Adjustable Guide Lines:** For backup cameras, you can enable or disable guide lines. These lines are customizable in height and width to accurately reflect your vehicle's dimensions, aiding in precise maneuvering.
- **Image Flip (Mirror/Normal):** Adjust the camera view to be mirrored or normal, depending on the camera's position and your preference (e.g., rear view camera typically uses mirror image).

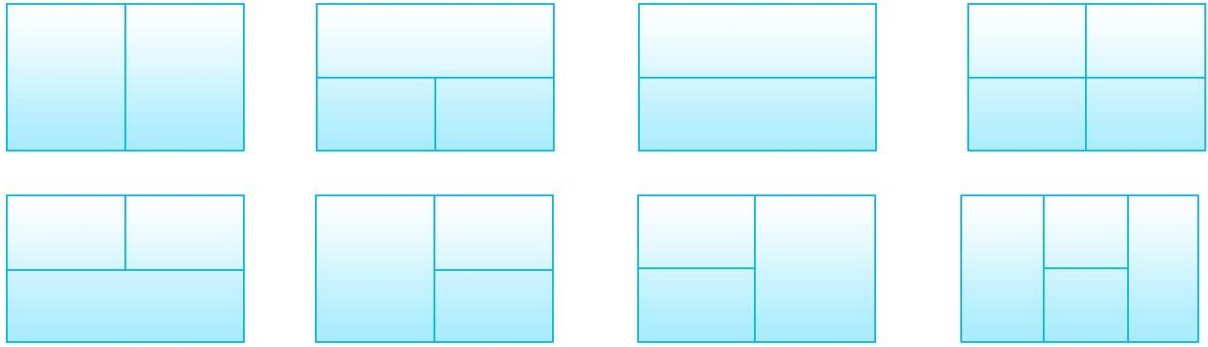
The latest Full Touch Screen Monitor (with 2.5D Panel)

The overall body design is simple, symmetrical and modern.
You can do everything with touch like you do with a smartphone.



Image: The 10.1" Full Touch Screen Monitor with key features highlighted.

Colorful split display mode (8 total)



Unique new feature-enter the menu click 【Reversing line calibrate】 , and then move your finger to free DIY guide line.

Maximum 4 cameras for simultaneous video recording



Front



Back



Left



Right



Split Screen
with 4 Channel

※3 cameras are included by default.

Image: Examples of colorful split display modes and DIY guide line calibration.

Guide Lines Adjustable

Guide lines ON



Guide lines OFF



※You are free to open or close the guide line of Backup Camera.the guide line can also be DIY adjusted according to the height and width of the car.

Mirror image/Normal image



Image: Demonstration of adjustable guide lines and mirror/normal image settings.

DVR Recording and Playback:

The system includes a DVR recording function, allowing you to record footage from all connected cameras simultaneously. A 64GB high-speed memory card is typically included in the package.

- **Automatic Recording:** Recording begins automatically when the system is powered on.
- **Loop Recording:** When the memory card is full, the system will automatically overwrite the oldest files to continue recording, ensuring continuous coverage.
- **Playback:** Access recorded videos directly from the monitor's interface for review.

Recording and Playback



The video recording function will be automatically turned on and the recorded video file will be saved to the memory card after starting the engine. On the other hand, when the memory card is full, it will automatically overwrite the oldest file and continue recording.

※The package contains a 64GB high speed memory card.

Image: Illustration of the DVR recording and loop recording functionality.

MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your Losuudy Backup Camera System.

- **Clean Lenses:** Periodically clean camera lenses with a soft, damp cloth to ensure clear image quality. Avoid abrasive materials that could scratch the lens.
- **Check Connections:** Inspect all cable connections for tightness and signs of wear or corrosion. Secure any loose connections to prevent signal loss.
- **Monitor Cleaning:** Clean the monitor screen with a screen-safe cleaner and a microfiber cloth. Do not spray liquid directly onto the screen.
- **Software Updates:** Check the Losuudy official website or contact customer support for any available firmware or software updates that may improve performance or add features.
- **Memory Card Management:** While the system features loop recording, it is good practice to occasionally back up important footage and format the memory card to maintain optimal recording performance.

TROUBLESHOOTING

If you encounter issues with your Losuudy Backup Camera System, refer to the following common troubleshooting steps:

Problem	Possible Cause / Solution
No image on monitor	<ul style="list-style-type: none">• Check power connection to the monitor.• Ensure all camera cables are securely connected to the monitor.• Verify cameras are receiving power.• Restart the system by cycling the vehicle's ignition or unplugging/replugging the power.
Flickering or distorted image	<ul style="list-style-type: none">• Check for loose or damaged cable connections.• Ensure cables are not pinched or routed near strong electromagnetic interference sources.• Verify power supply is stable (12V-36V).
DVR not recording	<ul style="list-style-type: none">• Ensure a compatible memory card is inserted correctly.• Check if the memory card is full; the loop recording function should manage this, but a faulty card might prevent it.• Format the memory card through the monitor's settings.
Trigger wires not functioning as expected (e.g., for turn signals)	<ul style="list-style-type: none">• Verify that the trigger wires are correctly connected to the vehicle's corresponding signals (e.g., turn signals, reverse light).• Check the monitor's settings to ensure trigger functions are enabled and configured as desired.• Consult a professional installer if wiring is complex.
Water ingress into camera	<ul style="list-style-type: none">• While cameras are IP68 rated, ensure proper sealing around cable entry points during installation, especially if drilling new holes.• Apply additional sealant if necessary to prevent water from entering the vehicle through the cable pass-through.

If the problem persists after attempting these solutions, please contact Losuudy customer support for further assistance.

WARRANTY AND SUPPORT

The Losuudy 10.1" Wired Backup Camera System comes with a **2-year manufacturer's warranty**. This warranty covers defects in materials and workmanship under normal use.

For warranty claims, technical support, or any inquiries regarding your product, please contact Losuudy customer service through their official channels. You can often find support information on the product packaging, the

Losuudy brand store on Amazon, or their official website.

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