

## Losuudy L-A5

# Losuudy Wired Backup Camera System

Model: L-A5

Instruction Manual

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## 1. PRODUCT OVERVIEW

The Losuudy Wired Backup Camera System with a 10.1-inch Touch Monitor is designed to enhance driving safety and convenience for large vehicles such as trucks, RVs, trailers, buses, and tractors. This comprehensive system provides 360° full view coverage, eliminating blind spots with its four HD 1080P cameras (front, rear, and two side views).

The system features a full-touch IPS screen for clear and realistic image display, multiple split-screen modes, and loop recording capabilities with an included 64GB micro SD card. Its IP68 waterproof cameras ensure reliable performance in various weather conditions.



Figure 1.1: Overview of the Losuudy Wired Backup Camera System components, including the 10.1-inch touch monitor, two standard cameras, two side cameras, and various cable lengths.

## 2. WHAT'S IN THE BOX

Please verify that all components are present in your package:

- 10.1-inch IPS touch monitor (x1)
- Front Camera (x1)
- Backup Camera (x1)
- Side View Cameras (x2)
- 49ft cable (x1)
- 23ft cables (x3)
- 64GB micro SD card (x1)

## 3. KEY FEATURES

- **10.1-inch Full-Touch IPS Screen:** Provides clearer and more realistic images with a wide 178° viewing angle.

The full touch control allows for intuitive operation.

# 10.1-inch Full Touch Screen

Clearer and more Realistic Road Conditions  
Make the Journey Safer and More Enjoyable



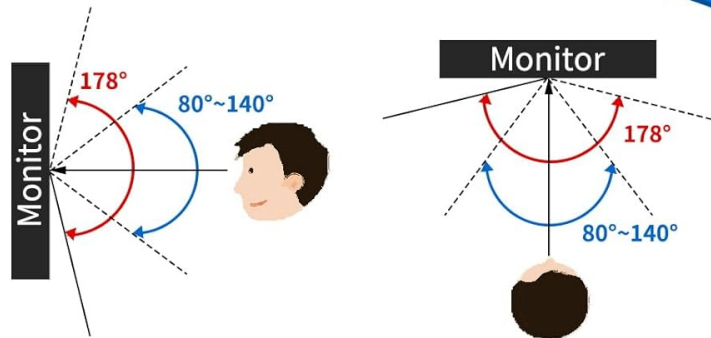
The image shows a 10.1-inch full touch screen mounted on a black stand. The screen displays a clear and realistic view of a road with a bison crossing it. The background of the advertisement features a scenic landscape with mountains and a blue sky.

- HD 1080P
- IPS Screen
- Full Touch
- Spilt Screen
- Parking Line

Figure 3.1: The 10.1-inch full touch IPS screen offers a clear and realistic view of road conditions.

# 10-inch IPS LCD with Better Quality

Viewing Angle 178°  
**HD IPS Monitor**  
Ultra-thin Design



■ IPS Monitor: 178°  
■ LCD Monitor: 80° ~ 140°



Figure 3.1a: Comparison illustrating the superior 178° viewing angle of the IPS monitor compared to standard LCDs.

- **HD 1080P Cameras:** Four high-definition 1080P cameras capture every detail with clarity, providing comprehensive coverage around your vehicle.



*Figure 3.2: High-definition 1080P cameras provide clear visuals, including enhanced night vision.*

- **360° Full View Coverage:** With front, rear, and two side cameras, the system ensures no blind spots, significantly improving driving safety.

## 4 CHANNELS 360° WITHOUT BLIND SPOTS

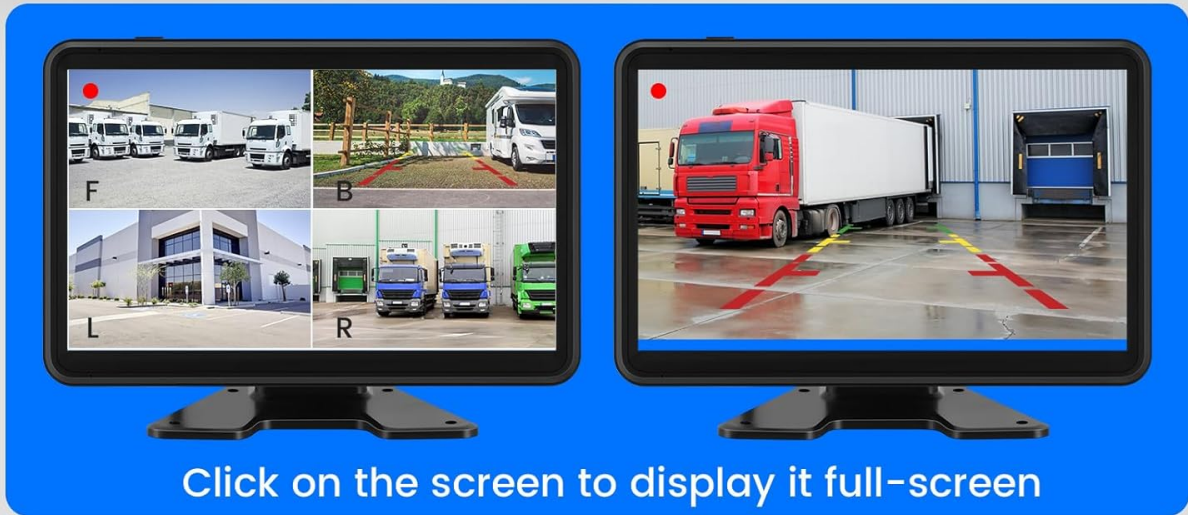


Figure 3.3: The four-camera system provides a comprehensive 360-degree view around the vehicle, eliminating blind spots.

- **Loop Recording & Playback:** Records continuously, ensuring all trip data is captured. The included 64GB micro SD card supports seamless loop recording and easy playback.
- **Multiple Split Screen Modes:** Offers single, dual, triple, and quad-screen display options, allowing you to view multiple camera feeds simultaneously.

# Multiple Split Screen Modes

Under control, multiple split-screen modes for real-time viewing of multiple camera images simultaneously



Available for more models



Note: This product includes 3 cameras by default.

Figure 3.4: The monitor supports various split-screen configurations for simultaneous viewing of multiple camera feeds.

- **DIY Adjustable Parking Lines:** Parking guidelines can be customized in height and width, or toggled on/off to perfectly fit your vehicle and assist with safe parking.

## Loop Recording

Loop Recording & Local Playback features capture every moment of your trip. (The default package includes a 64GB memory card)



Figure 3.5: Customizable parking guide lines assist in precise and safe maneuvering.

- **IP68 Waterproof Cameras:** The cameras are designed with IP68 protection, making them highly resistant to

water and dust, suitable for all kinds of weather conditions.

## IP68 Waterproof Cameras

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



Figure 3.6: The IP68 waterproof cameras are built to withstand harsh weather conditions.

- **Wide Voltage Support:** The system supports DC 12~36V power input, making it compatible with a wide range of large vehicles.

## 4. SETUP AND INSTALLATION

This wired backup system is designed for straightforward installation. It can be powered either by a car charger or by connecting to the ignition switch (ACC, e.g., radio power). The included 49ft and 23ft cables are suitable for various large vehicle configurations.

### 4.1. Compatibility

The system is compatible with a variety of large vehicles, including:

- RVs
- Trucks
- Trailers
- Box trucks
- Dump trucks

- Skid steers
- Snow plows
- Buses
- Vans
- Pickups

**Note:**

Due to the size of the 10.1-inch monitor and cameras, this system may not be suitable for smaller vehicles such as cars, minivans, or SUVs. Please confirm your vehicle model before installation.



Figure 4.1: The system is designed for use with a wide range of large vehicles.

## 4.2. Mounting the Monitor

The monitor comes with a bracket for secure mounting within your vehicle's cabin. Choose a location that provides clear visibility without obstructing your view of the road.

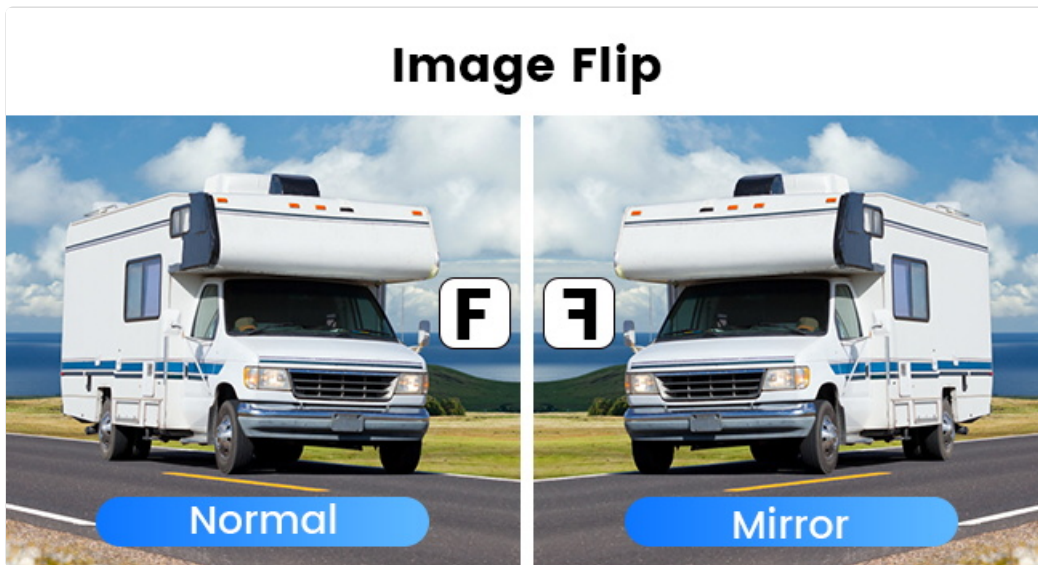


Figure 4.2: Dimensions of the 10.1-inch monitor and its mounting bracket.

## 4.3. Camera Placement and Wiring

Strategically place the front, rear, and side cameras to achieve optimal 360° coverage. Ensure cables are routed safely and securely, avoiding moving parts or heat sources. The 4-Pin Aviation Connectors provide a secure and reliable connection.

# 5. OPERATING INSTRUCTIONS

## 5.1. Powering On/Off

The system will power on automatically when connected to an ACC power source (e.g., ignition switch) or when the car charger is plugged in. To power off, disconnect the power source.

## 5.2. Using the Touch Screen

The 10.1-inch IPS monitor is full-touch enabled. Navigate menus and select options by tapping directly on the screen.

## 5.3. Split Screen Modes

Tap the screen to cycle through different display modes: single camera view, dual-split, triple-split, or quad-split. This allows you to monitor multiple areas around your vehicle simultaneously.

## 5.4. Adjusting Parking Lines

Access the settings menu on the touch screen to customize the parking guide lines. You can adjust their height and width to match your vehicle's dimensions or disable them if not needed.

## 5.5. Loop Recording and Playback

The system automatically begins loop recording when powered on, utilizing the included 64GB micro SD card. To review recorded footage, access the playback function through the monitor's menu. Older files will be overwritten as the card fills up.

## 5.6. Image Flip Function

The system supports image flip, allowing you to switch between normal and mirror views for each camera as needed, particularly useful for front or side cameras.



Figure 5.1: The image flip function allows switching between normal and mirror views.

## 6. 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 excessive moisture.
- **Cleaning Cameras:** Periodically inspect and clean the camera lenses to ensure clear vision. Use a soft cloth to remove dirt, dust, or water spots. The IP68 rating means they can be rinsed with water, but avoid high-pressure sprays directly on the lens.
- **Cable Inspection:** Regularly check all cables and connections for any signs of wear, damage, or loose connections. Secure any loose wiring to prevent interference or disconnection.
- **SD Card Management:** While the system supports loop recording, it is recommended to periodically back up

important footage and format the SD card to maintain optimal performance and prevent data corruption.

## 7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Monitor does not power on.	No power supply; loose connection; blown fuse.	Check power connection (car charger or ACC wiring). Ensure all cables are securely connected. Inspect vehicle's fuse box for a blown fuse.
No image on screen / "No Signal".	Loose camera cable connection; faulty camera; incorrect input selected.	Verify all camera cables are firmly connected to the monitor. Try switching camera inputs on the monitor. If problem persists, test individual cameras if possible.
Image is blurry or distorted.	Dirty camera lens; damaged cable; camera malfunction.	Clean camera lenses. Check cables for kinks or damage. Ensure camera is securely mounted and not vibrating.
Recording not working.	SD card full or corrupted; SD card not inserted correctly.	Ensure the 64GB micro SD card is correctly inserted. Format the SD card via the monitor's settings. If issues persist, try a different compatible SD card.

If you encounter issues not listed here or require further assistance, please contact Losuudy customer support.

## 8. SPECIFICATIONS

Feature	Detail
Model Number	L-A5
Screen Size	10.1 Inches
Display Technology	IPS LCD
Camera Resolution	1080P HD
Optical Sensor Technology	CMOS Infrared
Real Angle of View	130 Degrees
Waterproof Rating	IP68
Voltage	12-36 Volts (DC)
Connector Type	4-Pin Aviation Connector
Product Dimensions	17.3 x 11 x 4.1 inches
Item Weight	6.27 pounds
First Available Date	July 26, 2023

## 9. WARRANTY AND SUPPORT

Losuudy provides a **24-month manufacturer's warranty** for this product. We are committed to ensuring your

complete satisfaction.

For any missing parts, technical assistance, or warranty claims, please contact Losuudy customer service. Our support team is available 24 hours to assist you.

For the most up-to-date contact information, please refer to the official Losuudy website or your purchase documentation.

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