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› [LeeKooLuu RV Backup Camera Wireless Waterproof 7" LCD Split Screen DVR Dash Monitor Touch Key Rear View System 4 Channels Travel Trailers Adapter for Furrion Pre-wired RVs Night Vision LK7 User Manual](#)

LeeKooLuu LK7

LeeKooLuu RV Backup Camera System User Manual

MODEL: LK7

Brand: LeeKooLuu

1. PRODUCT OVERVIEW

The LeeKooLuu LK7 RV Backup Camera System is designed to enhance safety and convenience for RV, camper, and trailer owners. This wireless system features a 7-inch LCD split-screen monitor with DVR capabilities, a waterproof camera with night vision, and compatibility with Furrion pre-wired RVs.

Key features include:

- Powerful wireless signal transmission (up to 900ft in open area, 270ft in vehicles).
- Upgraded 1080P monitor supporting up to four cameras with various split-screen modes.
- IP69K waterproof FHD 1080P CCD camera with 18 infrared lights for clear day and night vision.
- Plug-and-Play installation, eliminating the need for long cable runs.
- Loop recording function with support for up to 128GB SD card.



Figure 1.1: LeeKooLuu LK7 RV Backup Camera System components.



Figure 1.2: Overview of the system's main features including 7-inch monitor, HD 1080P, 4CH recording, night vision, HD recording, and reversing parking assistance.

2. WHAT'S IN THE BOX

Upon opening your LeeKooLuu LK7 package, you should find the following items:

- 1 x 7 Inch Monitor
- 1 x Wireless Backup Camera
- 2 x Power Cords
- 1 x Cigarette Lighter Adapter
- 1 x Sunshade
- 1 x Windshield Mount
- 1 x U Bracket
- 3 x Antennas
- 1 x User manual
- Other parts (screws, pigtail cable, Furrion bracket)

3. SETUP AND INSTALLATION

The LeeKooLuu LK7 system is designed for straightforward installation. Follow these steps for proper setup:

3.1 Camera Installation

1. Identify the mounting location for the camera, typically at the rear of your RV, camper, or trailer.
2. Connect the camera's power wire (red) to the reverse light, running light, or tail lights of your vehicle. Connect the ground wire (black) to a suitable ground point.
3. If your RV is Furrion pre-wired, use the provided Furrion bracket and pigtail cable for direct compatibility.
4. Securely mount the camera using the provided screws. Ensure the antenna is properly attached and positioned for optimal signal.

3 Step Installation + Within 30 minutes DIY

Step 1: Install the camera



Step 2: Install the monitor



Step 3: Wire the monitor into the cigarette outlet, then turn on the power to the cigarette lighter adapter.



Figure 3.1: Visual guide for camera and monitor installation steps.



Figure 3.2: Detailed wiring diagram for camera and monitor power connections.

3.2 Monitor Installation

1. Choose your preferred mounting method for the 7-inch monitor: windshield mount or U-bracket for dashboard mounting.
2. Secure the monitor mount in the desired location.
3. Connect the monitor to power using the cigarette lighter adapter, or wire it directly to ACC/Fuse/Radio power sources.
4. Attach the monitor's antenna for stable signal reception.

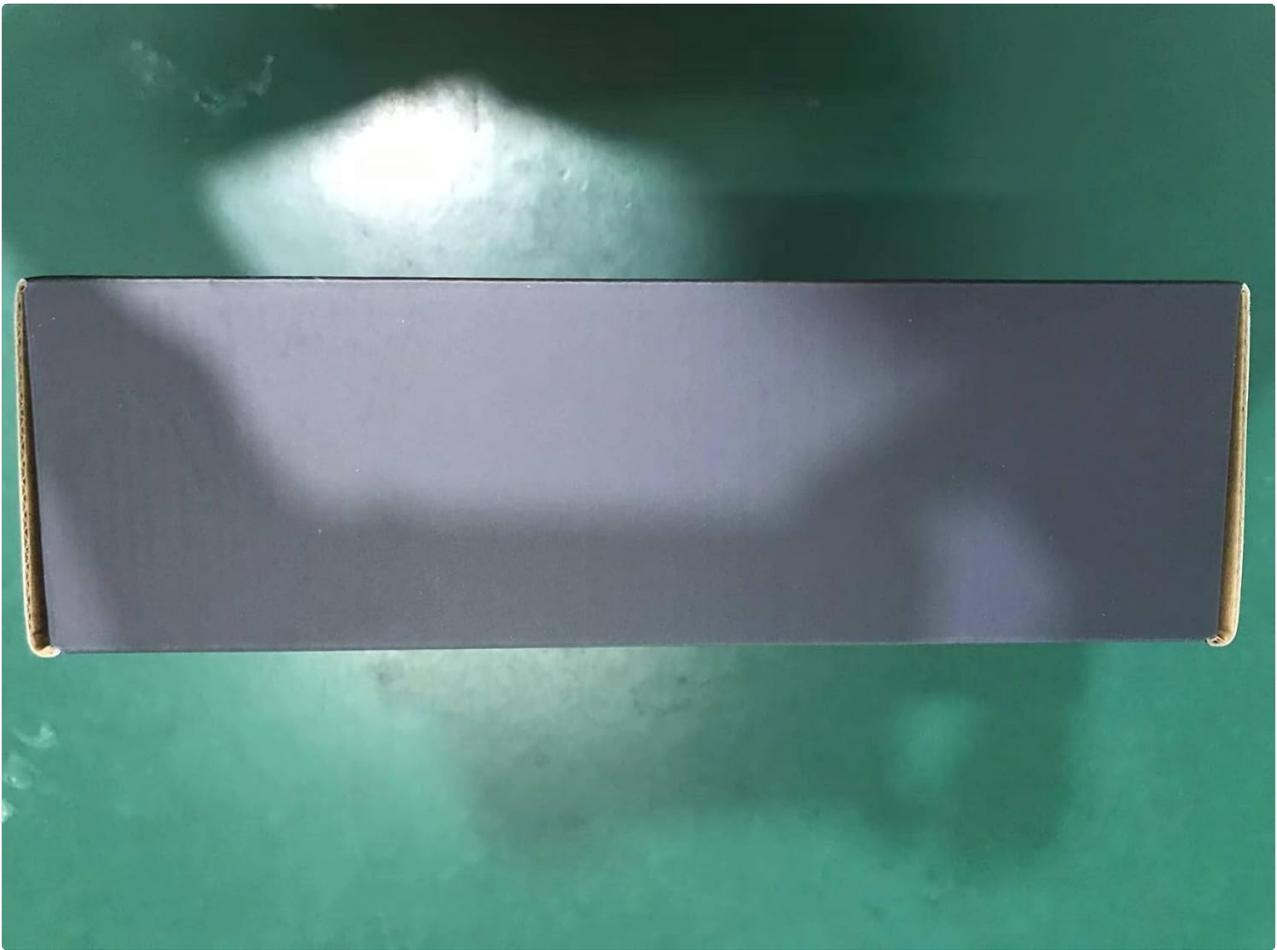


Figure 3.3: Options for mounting the monitor inside your vehicle.

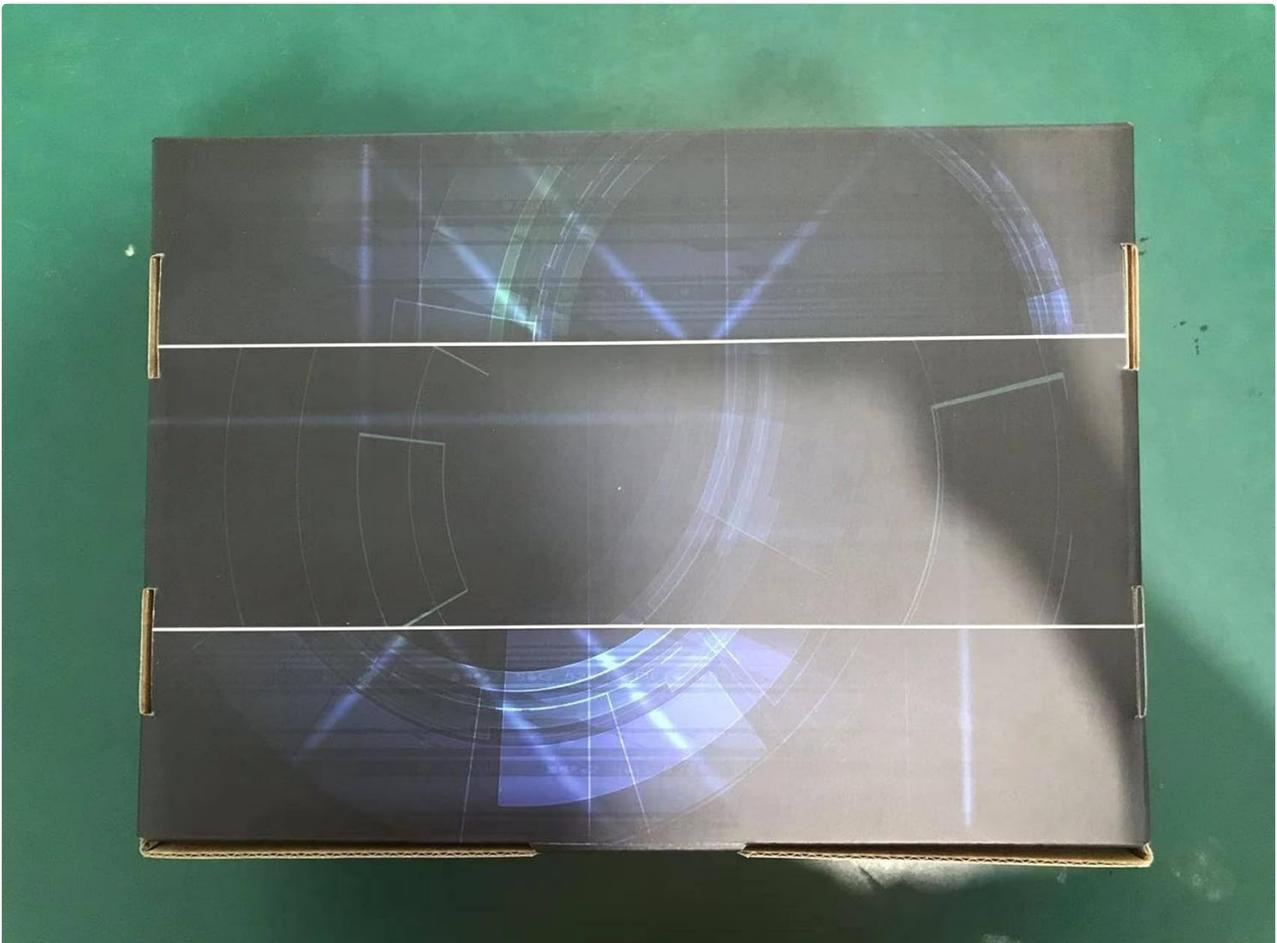


Figure 3.4: The system is compatible with Furrion pre-wired RVs, simplifying installation.

4. OPERATING INSTRUCTIONS

Once installed, the LeeKooLuu LK7 system is ready for use. The monitor will automatically display video signals from the camera(s).

4.1 Monitor Functions

- **Power Button:** Turns the monitor on/off.
- **Menu Button:** Accesses system settings.
- **Arrow Buttons:** Navigate through menu options or switch camera channels.
- **OK Button:** Confirms selections.
- **CH Button:** Cycles through available camera channels.



Figure 4.1: The 7-inch monitor features a touch key interface for easy operation.

4.2 Multi-Camera Support and Split Screen

The monitor supports up to four cameras simultaneously, allowing for various split-screen modes (Full Screen, Split Screen, Quad Screen, H-Screen) to eliminate blind spots.

Support Add Up 4 Cameras

Add more License Plate/Side/Rear RV Camera to avoid blind spots



Full Screen

Split Screen



Quad Screen

H-Screen



Signal can reach 900ft in open area and 320ft in vehicles.



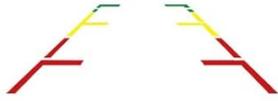
Figure 4.2: The system supports adding up to 4 cameras for comprehensive viewing.

4.3 Image Adjustment and Guidelines

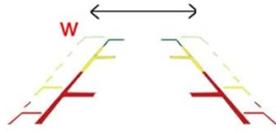
You can customize the display settings directly from the monitor's menu:

- **Image Flip:** Adjust the image to Normal, Mirror, Inverted Mirror, or Inverted Front modes.
- **Backup Guidelines:** Turn guidelines on/off, adjust width, height, and position for precise maneuvering.
- **Brightness, Contrast, HUE:** Fine-tune image quality to your preference.

DIY Guide Lines/Image Flip/ Image parameters can be adjusted



Turn on/off the guide lines



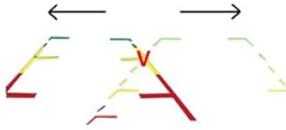
Adjust the width of the guide lines



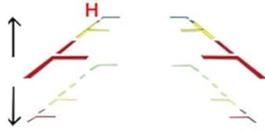
Normal Mode



Mirror Mode



Move the guide lines up or down



Adjust the height of the guide lines



Vertical Normal Mode



Vertical Mirror Mode



Adjust Brightness



Adjust Contrast

7 Inch Capacitive Touch Panel

Light touch to operate, advanced settings and quick response



Adjust HUE



Flip Mode



Figure 4.3: Customize your view with adjustable guidelines and image flip options.



Figure 4.4: Example of image flip functionality.

4.4 Recording and Playback

The system supports simultaneous recording to an SD card (up to 128GB, not included). It features loop recording, automatically overwriting older files when the memory is full, except for locked files.

Support Loop Recorder & Local Playback

Automatically overwrite the previous recordings with new files except locked files when the memory card is full, support SD card Upto 128GB, if you need a SD card, just contact us.



Touch
Button



Loop
Record



Search Video
Conveniently



Figure 4.5: The system supports loop recording and convenient video playback.

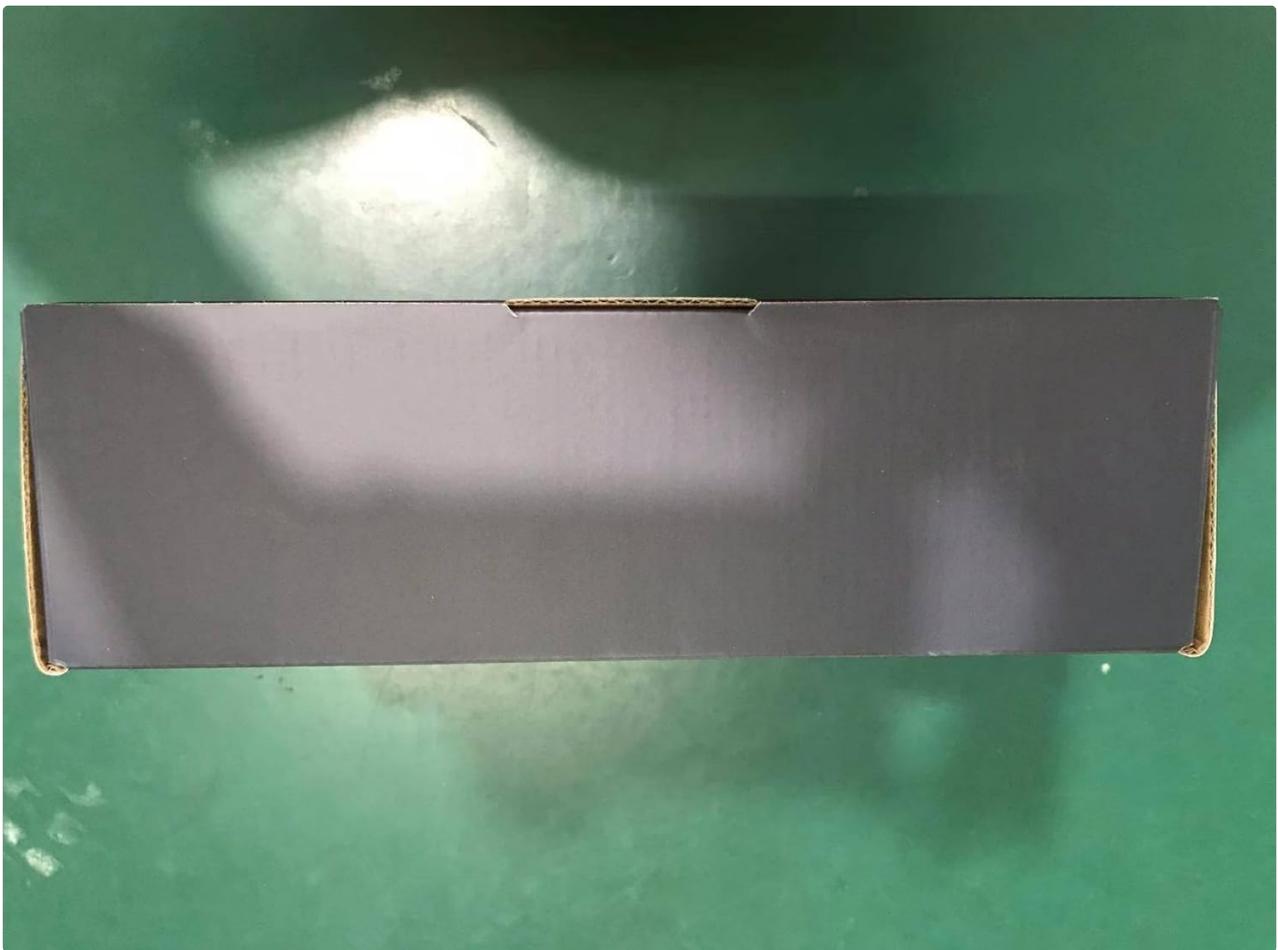


Figure 4.6: Loop recording ensures continuous video capture.

4.5 Night Vision and Waterproofing

The camera is equipped with 18 infrared lights and an FHD 1080P CCD sensor, providing clear images even in low-light conditions. The IP69K waterproof rating ensures durability in various weather conditions.

HD 1080P Picture in Both Day and Night

HD 1080P

Upgraded latest Sensor improved to clear HD 1080P Images



Clear Night Vision

Upgraded latest Sensor improved 100% brightness at night



Suitable for all kinds of large vehicles



Pickup Truck



5th wheel Camper



RV



Class A Motorhome



Truck



Horse Trailer



Tractor



Harvester



Rig



Figure 4.7: Experience clear HD 1080P images day and night with enhanced night vision.

IP69 Waterproof

- 1920×1080P
- AHD Technology
- IP69 Waterproof
- Automatic IR lights
- No Color Cast
- 2000000 pixels
- Metal Material

1920×1080



Figure 4.8: The camera boasts an IP69K waterproof rating for all-weather reliability.

5. MAINTENANCE

To ensure the longevity and optimal performance of your LeeKooLuu RV Backup Camera System, follow these maintenance guidelines:

- **Cleaning:** Regularly clean the camera lens and monitor screen with a soft, damp cloth. Avoid abrasive cleaners that could scratch surfaces.
- **Connections:** Periodically check all cable connections to ensure they are secure and free from corrosion.
- **Camera Housing:** Inspect the camera housing for any signs of damage or wear, especially after long trips or exposure to harsh weather.
- **Software Updates:** Check the manufacturer's website for any available firmware updates that may improve performance or add new features.

6. TROUBLESHOOTING

If you encounter any issues with your LeeKooLuu RV Backup Camera System, refer to the following common troubleshooting tips:

Problem	Possible Cause	Solution
No Signal / Black Screen	Loose connection, power issue, signal interference.	Check all power and video connections. Ensure camera and monitor are receiving power. Reduce distance or obstacles between camera and monitor.
Blurry / Distorted Image	Dirty lens, incorrect settings, poor signal.	Clean the camera lens. Adjust brightness, contrast, or HUE settings on the monitor. Ensure strong signal connection.
Monitor Not Turning On	No power, faulty power adapter.	Verify power source (cigarette lighter or wired connection). Check the fuse in the cigarette lighter adapter. Test with another power source if possible.
Recording Not Working	SD card full, faulty SD card, incorrect settings.	Check SD card storage. Format the SD card (backup important files first). Ensure recording function is enabled in settings. Try a different SD card.

If the problem persists after trying these solutions, please contact LeeKooLuu customer service for further assistance.

7. SPECIFICATIONS

Feature	Detail
Brand	LeeKooLuu
Model Number	LK7
Product Dimensions	8 x 2 x 8 inches
Item Weight	3.39 pounds
Screen Size	7 Inches
Display Technology	LCD
Video Capture Resolution	1080p
Voltage	24 Volts
Optical Sensor Technology	CCD
Waterproof Rating	IP69K
Batteries Required	1 CR2 battery (for remote, if applicable)

8. WARRANTY AND SUPPORT

LeeKooLuu stands behind the quality of its products. The LK7 RV Backup Camera System comes with **2-year replacement warranty** and **life-time technical support**

For any issues, questions, or technical assistance, please contact our 24-hour online customer service. We are committed to providing prompt and helpful support to ensure your satisfaction.

Please refer to your purchase documentation or the official LeeKooLuu website for the most up-to-date contact information.

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Related Documents - LK7

	<p>nVent LENTON Interlok Pour Strip Replacement System Installation Guide</p> <p>Comprehensive guide to the nVent LENTON Interlok Pour Strip Replacement System, a reinforcing bar splicing system for segmental pours and shrinkage crack mitigation. Details installation, grouting, and troubleshooting.</p>
	<p>nVent LENTON Interlok: Reinforcing Bar Splicing System Installation & Grouting Guide</p> <p>Comprehensive guide to the nVent LENTON Interlok reinforcing bar splicing system, detailing precaster installation, job site grouting with HY15LM grout, dimensions, and troubleshooting. Includes safety information and product specifications.</p>
	<p>nVent LENTON Interlok Grout-Filled Precast Splicing Systems Technical Guide</p> <p>A comprehensive guide to nVent LENTON Interlok Grout-Filled Precast Splicing Systems, detailing product features, applications, installation, design benefits, and specifications for advanced mechanical rebar splicing in precast concrete construction.</p>
	<p>SHENZHEN TOP FAME ELECTRONICS LTD. Model Difference Declaration for Wireless Rear View Systems</p> <p>This document from SHENZHEN TOP FAME ELECTRONICS LTD. declares that multiple models of their digital wireless rear view systems share identical core functionality, differing only in cosmetic aspects and model naming for commercial purposes. It lists all applicable model numbers.</p>



[nVent LENTON Interlok Standard Grout-Fill Coupler 22 mm #7 - Product Specifications & Features](#)

Detailed product information for the nVent LENTON Interlok Standard Grout-Fill Coupler, 22 mm (#7). Includes specifications, features, certifications, and contact details for nVent LENTON products.



[nVent LENTON Interlok Grout-Filled Precast Splicing Systems - Technical Guide](#)

Discover the nVent LENTON Interlok Grout-Filled Precast Splicing Systems, a leading solution for advanced mechanical rebar splicing in precast concrete construction. This guide details applications, installation, design benefits, and comprehensive product specifications for various couplers and accessories.