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LeeKooLuu M1

LeeKooLuu RV Backup Camera Wireless HD 1080P LK5 User Manual

Model: M1

1. INTRODUCTION

This user manual provides detailed instructions for the installation, operation, and maintenance of your LeeKooLuu RV Backup Camera Wireless HD 1080P LK5 system. Please read this manual thoroughly before using the product to ensure proper function and safety. This system is designed to enhance your driving and parking experience by providing a clear, wide-angle view of your vehicle's rear surroundings.

2. PACKAGE CONTENTS

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

- 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
- 4 x Antennas
- 1 x User Manual
- Other necessary installation parts

3. SAFETY INFORMATION

Always prioritize safety when installing and operating the backup camera system. Adhere to all local traffic laws and regulations. This system is an aid and should not replace careful driving and direct observation.

- Ensure all connections are secure and properly insulated to prevent short circuits.
- Do not obstruct your view of the road with the monitor.
- Regularly check the camera and monitor for damage or loose connections.

- Clean the camera lens periodically to maintain clear visibility.
- Professional installation is recommended if you are unsure about any steps.

4. PRODUCT OVERVIEW

The LeeKooLuu LK5 system features a 7-inch HD 1080P monitor and a durable wireless camera, designed for reliable performance in various vehicle types.



Figure 4.1: Overview of the LeeKooLuu LK5 wireless backup camera system, showing the 7-inch monitor and the camera unit with dual antennas.

4.1. Key Features

- **HD 1080P Resolution:** Provides clear and detailed images.
- **Digital Wireless Signal:** Dual antenna design for stable, uninterrupted signal up to 600ft in open areas.
- **7-Inch Touch Key Screen:** Large display with responsive touch controls for easy operation.
- **DVR Recording Function:** Supports simultaneous recording of up to 4 cameras with loop recording.

- **Split Screen Capability:** Monitor can display dual or quad split views.
- **IP69K Waterproof Camera:** Full metal construction ensures durability in harsh weather conditions.
- **Night Vision:** 18 infrared lights for enhanced visibility in low-light environments.
- **DIY Guide Lines:** Customizable parking guide lines for precise maneuvering.
- **Furrion Pre-Wired Compatibility:** Includes adapter for easy integration with Furrion pre-wired RVs.

5. SETUP AND INSTALLATION

The LeeKooLuu LK5 system is designed for straightforward installation. Follow these steps for optimal performance.

5.1. Camera Installation

The camera can be wired to your vehicle's running lights, tail lights, or reverse lights, depending on whether you want it active continuously or only when reversing.

1. **Choose Mounting Location:** Select a central location at the rear of your RV or vehicle that provides an unobstructed view.
2. **Wire Power:** Connect the camera's red wire to a 12V power source (e.g., running light, tail light, or reverse light positive wire) and the black wire to a ground point.
3. **Furrion Pre-Wired RVs:** If your RV is Furrion pre-wired, use the provided adapter and pigtail wire for a plug-and-play installation.
4. **Secure Camera:** Mount the camera securely using the provided bracket and hardware. Ensure the antennas are positioned for optimal signal transmission.

Easy to Install, Plug and Play.



Prepared Adapter for Furrion Pre-Install Mounting Kit



Package comes with furrion bracket and pigtail wire is compatible with furrion system,which makes the compatibility of the system wider and suitable for more vehicles

Figure 5.1: Diagram illustrating the easy installation process, including wiring options for the camera and monitor, and compatibility with Furrion pre-installed mounting kits.



Figure 5.2: Information regarding the included bracket adapter and pigtail wire for compatibility with Furrion pre-wired RVs.

5.2. Monitor Installation

The 7-inch monitor can be mounted on your dashboard or windshield.

1. **Attach Mount:** Secure the U bracket or windshield mount to the monitor.
2. **Position Monitor:** Place the monitor in a location that does not obstruct your driving view but is easily accessible.
3. **Power Monitor:** Connect the monitor's power cord to the cigarette lighter adapter or directly to an ACC/Fuse/Radio power source.
4. **Connect Antennas:** Attach the two antennas to the monitor for stable signal reception.

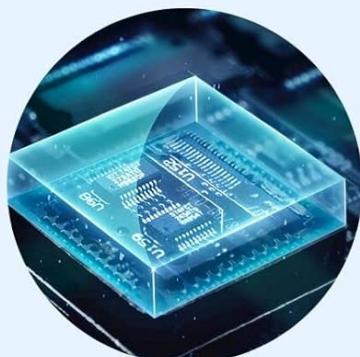
Dashboard & Windshield Mount

The monitor can be attached to the dashboard or windshield with two brackets



7 Inch Touch Screen

More sensitive and convenient than the traditional button, light touch to operate, it's quick response makes you safer during driving



High resolution
This camera had 10 times the clarity of the other



Camera dual antenna
Digital Wireless Signal makes image delivery more reliable.



Monitor dual antenna
Make the signal up to 600ft and the image stable

Figure 5.3: Visual representation of the monitor mounted on a dashboard using the U-bracket and on a windshield using the suction cup mount.

6. OPERATION

Once installed, the system will automatically pair. If pairing is needed, refer to the monitor's menu settings.

6.1. Basic Functions

- **Power On/Off:** Press the power button on the monitor.
- **Signal Stability:** The dual antenna design ensures a stable signal, reducing lag and interruptions.
- **Touch Key Operation:** Use the touch keys on the monitor for navigation and settings adjustments.



Figure 6.1: Illustration of the digital wireless backup camera system in operation, highlighting the touch button interface on the monitor.

6.2. Split Screen Monitoring

The monitor supports displaying multiple camera feeds simultaneously.

- **Switch Views:** Use the "Split" or "Quad" button on the monitor to cycle through single, dual, or quad-screen views.
- **Adding Cameras:** The system supports up to 4 wireless cameras. Additional cameras can be purchased separately and paired.

Powerful split screen ,Support 4 Wireless Camera

7 inch monitor, 4 video inputs, you can add more same cameras (up to 4) to this system fused for reversing/Driving (High-Speed Observation)



You can switch to split screen monitoring 4 cameras



If you would like to add add more cameras (2/3/4) to the LK5 system, please contact us.

Figure 6.2: The 7-inch monitor displaying various split-screen configurations, demonstrating its ability to support up to four wireless camera inputs simultaneously.



Figure 6.3: Visual confirmation that the system supports up to four cameras, showing a quad-view display on the monitor.

6.3. DIY Guide Lines

Customize the parking guide lines to match your vehicle and preferences.

- **Adjustment:** Access the guide line settings through the monitor's menu to adjust width, vertical position, and horizontal position.
- **Enable/Disable:** Guide lines can be turned on or off as needed.

DIY Guide Lines



Adjustment Width
of Guide lines



Guide Lines
Moving Up or Down



Guide lines
Moving Left or Right

Backup Camera With Dual Antenna, Monitor with Dual Antenna Point-to-point transmission/More stable signal/Stronger anti-interference



Figure 6.4: Examples of customizable guide lines on the monitor, demonstrating adjustments for width, vertical movement, and horizontal movement.

7. MENU SETTINGS

The monitor's menu allows for various adjustments and feature controls.

Leekooluu LK5 Multi-function Menu Settings

Easy setup & Multiple features & Clear HD 1080P Picture



Night Vision



Easy to Install



Wireless



HD 1080P



4 Channel



Large Screen



Plug and Play



Touch Button



170° Wide Angle



Guide Lines DIY



Normal Mode



Mirror Mode



Vertical Normal Mode



Vertical Mirror Mode



Image Flip

Figure 7.1: Icons representing various functions accessible through the monitor's menu, including Night Vision, Easy Install, Wireless, HD 1080P, 4 Channel, 7" Screen, Plug and Play, Touch Button, 170° Wide Angle, and Guide Lines DIY.

- **Image Flip:** Adjust the image orientation (Normal, Mirror, Vertical Normal, Vertical Mirror) to suit your mounting preference.
- **Brightness/Saturation/Contrast:** Fine-tune display quality.
- **Pairing:** Re-pair cameras to the monitor if needed.
- **System Settings:** General system configurations.



Figure 7.2: Display showing the four image flip modes: Normal, Mirror, Vertical Normal, and Vertical Mirror, allowing users to adjust the view based on camera orientation.

8. RECORDING FUNCTION (DVR)

The LK5 system includes a DVR function, allowing you to record video footage from the connected cameras.

- **Loop Recording:** Videos are automatically saved and overwrite the oldest files when the storage is full.
- **Playback:** Review recorded footage directly on the monitor.
- **Storage:** An SD card (not included) is required for recording.



Figure 8.1: Illustration of the loop recording feature, showing video playback on the monitor and the ability to search recorded video by time and mode.

9. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your LeeKooLuu backup camera system.

- **Cleaning the Camera Lens:** Regularly wipe the camera lens with a soft, damp cloth to remove dirt, dust, or water spots that may obscure the view. Avoid abrasive cleaners.
- **Cleaning the Monitor Screen:** Use a microfiber cloth to gently clean the monitor screen. Do not spray cleaning solutions directly onto the screen.
- **Checking Connections:** Periodically inspect all power cables and antenna connections for any signs of wear, corrosion, or looseness. Ensure they are securely fastened.
- **Weather Protection:** While the camera is IP69K waterproof, extreme weather conditions (e.g., heavy snow, ice) may temporarily affect performance. Clear any obstructions from the camera lens.
- **Storage:** If storing the vehicle for an extended period, consider disconnecting the system from power to prevent

battery drain.

10. TROUBLESHOOTING

If you encounter issues with your LeeKooLuu RV Backup Camera system, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No image on monitor	<ul style="list-style-type: none">No power to monitor or cameraCamera not pairedSignal interference	<ul style="list-style-type: none">Check power connections and fuses.Ensure camera and monitor are powered on.Re-pair the camera to the monitor (refer to menu settings).Check antenna connections; reposition antennas for better signal.
Image flickering or unstable	<ul style="list-style-type: none">Weak signalInterference from other wireless devices	<ul style="list-style-type: none">Ensure antennas are securely attached and unobstructed.Minimize other wireless device usage near the system.Check for physical obstructions between camera and monitor.
Poor image quality (blurry, dark)	<ul style="list-style-type: none">Dirty camera lensInsufficient lighting (night vision not active)Monitor settings incorrect	<ul style="list-style-type: none">Clean the camera lens.Ensure night vision LEDs are not obstructed.Adjust brightness, contrast, and saturation settings on the monitor.
Recording not working	<ul style="list-style-type: none">No SD card inserted or card fullSD card error	<ul style="list-style-type: none">Insert a compatible SD card.Format the SD card via the monitor's menu.Try a different SD card.

11. SPECIFICATIONS

Feature	Detail
Model Number	M1
Monitor Size	7 Inches
Video Capture Resolution	1080p
Wireless Range	Up to 600ft (open area), 270ft (in vehicles)
Waterproof Rating	IP69K (Camera)
Voltage	12 Volts
Display Technology	LED

Feature	Detail
Special Features	7 Inch Screen, Powerful Digital Wireless Signal, Real 1080P Resolution, Recording Ability, Split Screen (Support 2 wireless Cameras)
Connectivity Technologies	Wireless
Optical Sensor Technology	CMOS
Lens Type	Wide Angle
Product Dimensions	8 x 2 x 8 inches
Item Weight	3.21 pounds

12. WARRANTY AND SUPPORT

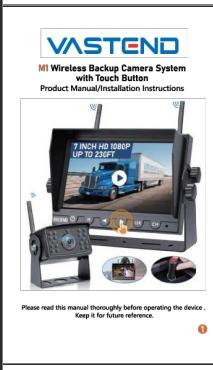
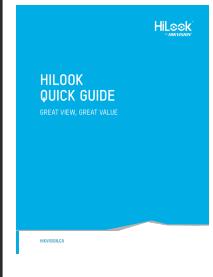
LeeKooLuu is committed to providing high-quality products and excellent customer service. While specific warranty terms are not detailed in this manual, the manufacturer offers dedicated support for their products.

- **Customer Service:** For any questions, technical assistance, or support needs, please contact LeeKooLuu customer service.
- **Online Resources:** Check the official LeeKooLuu website or product page for FAQs, updated manuals, or video tutorials.



Figure 12.1: Image representing the availability of 24-hour customer service for support and inquiries.

Related Documents - M1

	<p>Peztio Dashcam-M1 User Manual: Features, Setup, and Operation</p> <p>Comprehensive user manual for the Peztio Dashcam-M1, detailing its features like dual 1080P recording, infrared night vision, parking monitor, setup instructions, video modes, and troubleshooting. Learn how to install, configure, and use your dashcam effectively.</p>
	<p>VASTEND M1 Wireless Backup Camera System with Touch Button - Product Manual and Installation Instructions</p> <p>Comprehensive product manual and installation instructions for the VASTEND M1 Wireless Backup Camera System with Touch Button. Covers package contents, vehicle application, system testing, connection, monitor operation, and troubleshooting.</p>
	<p>HiLook DVR-208Q-M1/T 2MP</p> <p>HiLook DVR-208Q-M1/T 2MP H.265 Pro+ 8 DVR</p>
	<p>HiLook DVR-216U-M1/T: 5MP 16-Channel Hybrid Video Recorder Datasheet</p> <p>Detailed specifications for the HiLook DVR-216U-M1/T, a 1U rack-mountable hybrid video recorder supporting 5MP resolution, 16 channels, H.265 Pro+ compression, deep learning motion detection, and extensive connectivity.</p>
	<p>Enphase Energy System Planning Guide: Technical Brief for Solar and Storage</p> <p>This technical brief from Enphase provides essential information for planning and designing Enphase Energy Systems, covering configurations, components, sizing, and installation considerations for solar and energy storage solutions.</p>
	<p>HiLook Quick Guide: Affordable & High-Performance Video Security Solutions</p> <p>Explore the HiLook Quick Guide from Hikvision, featuring entry-level video security solutions for homes and small businesses. Discover cameras, NVRs, and DVRs with advanced features like 4K imaging, H.265+ codec, WDR, and ColourVu technology for reliable, cost-effective surveillance.</p>

