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Fookoo

Fookoo HD 1080P Wireless RV Backup Camera System

Model: DW7Y5

1. PRODUCT OVERVIEW

The Fookoo HD 1080P Wireless RV Backup Camera System is designed to provide a clear and stable rear view for various large vehicles, including RVs, campers, trailers, buses, vans, pickups, and farm machinery. It features a 7-inch IPS monitor and a waterproof camera with night vision, ensuring enhanced safety during driving and parking maneuvers. The system utilizes 2.4GHz wireless signal technology for reliable performance.



Image: The Fookoo 7-inch IPS monitor and the wireless RV backup camera, showcasing their compact design and dual antennas.

2. WHAT'S IN THE BOX

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

- 7-inch IPS Monitor
- Waterproof Rear View Camera (Suits for Furrion Pre-wired Mount)
- Antenna (x3)
- Power Cord (x2)
- Car Charger
- Suction Cup Mount
- Installation Kit (includes T-Taps, DC Power Adapter, SD Card Cover, screws, and tools)
- Instruction Manual



Image: A detailed layout of all components included in the Fookoo RV Backup Camera System package, such as the monitor, camera, various cables, mounts, and installation accessories.

3. SETUP AND INSTALLATION

The Fookoo system is designed for simple installation, especially for vehicles with Furrion pre-wired mounts. The voltage range for operation is DC 12-24V.

3.1 Camera Installation

- 1. For Furrion Pre-wired RVs:** Most RVs are equipped with Furrion pre-wired and mounting locations. The Fookoo camera is designed to fit directly onto these mounts, eliminating the need for extensive drilling. Simply align the camera with the existing mount and secure it with the provided screws from the installation kit.
- 2. For Vehicles Without Pre-wired Mounts:** If your vehicle does not have a pre-wired bracket, choose a suitable location at the rear of your vehicle for optimal viewing. Fix the camera securely using the installation kit.
- 3. Power Connection:** Connect the camera to your vehicle's power supply (DC 12-24V) using the provided power cord. Ensure a stable power source for continuous operation.

**Easily Install On Furrion Pre-wired Mount.
Save You Budget and Time!**



Image: A large RV on a road, illustrating the ease of installation of the Fookoo backup camera system on a Furrion pre-wired mount, saving time and effort.

The Best Choice for Vehicles with Pre-wired Mount



Image: A close-up view of the Fookoo camera mounted on the side of a vehicle, highlighting its compatibility with Furrion pre-wired systems and its sleek design.

3.2 Monitor Installation

1. **Mounting:** Use the suction cup mount or the U-shaped bracket to secure the 7-inch IPS monitor in a convenient viewing location within your vehicle's cabin. Optional windshield and table mounting options are available.
2. **Power Connection:** Connect the monitor to a 12-24V DC power supply using the provided power cord or car charger.
3. **Antenna Connection:** Attach the antennas to the designated ports on the monitor for optimal wireless signal reception.

3.3 Important Considerations

- **Wireless Signal:** The system transmits footage wirelessly, but both the camera and monitor require a wired connection to a power source.
- **Chevrolet/GMC Owners:** For some Chevrolet or GMC vehicles, the taillights and running lights may not provide a constant 12-volt power supply. You may need a 7 Way Vehicle Power Adapter to ensure proper

system function. Contact Fookoo support for assistance or a link to purchase this adapter.

- **No Cigarette Lighter Socket:** If your car lacks a cigarette lighter socket and you prefer not to hardwire, a USB to 12V Cigarette Lighter Socket Cable can be requested from Fookoo support.

Video not supported. This video demonstrates the Fookoo HD 7-inch Wireless RV Backup Camera System (DW7Y5), providing a visual guide to its features and basic operation.

Video: An official Fookoo video showcasing the features and ease of use of the DW7Y5 wireless RV backup camera system.

4. OPERATING INSTRUCTIONS

4.1 Powering On/Off

- To power on the system, ensure both the camera and monitor are connected to their respective power sources. The monitor will automatically turn on when it receives power.
- To power off, disconnect the power supply to the monitor.

4.2 Monitor Functions

The 7-inch IPS monitor features touch buttons for convenient operation and provides crisp 1080P HD images.

- **Auto-Dimming:** The screen automatically adjusts its brightness based on ambient light conditions, preventing glare during night driving.
- **Parking Lines:** The monitor displays adjustable parking lines to assist with precise maneuvering.
- **Split Screen Mode:** The system supports up to 4 cameras (additional cameras sold separately) and can display views in split-screen mode for full coverage.

7-inch IPS FHD Screen - Stunning Visuals



Superior Touch Buttons



Auto Dimming



178° Viewing Angle



Monitor Size

Image: A visual representation of the Fookoo 7-inch IPS monitor, highlighting its Full HD display, responsive touch buttons, auto-dimming capability, wide 178-degree viewing angle, and overall dimensions.

4.3 Camera Features

- **Night Vision:** Equipped with 6 infrared lights and a photoreceptor, the camera automatically activates night vision in low light conditions, providing clear images up to 20 feet.
- **Waterproof Rating:** The camera has an IP69 waterproof rating, ensuring durability in various weather conditions.
- **Viewing Angle:** The camera offers a 120-degree viewing angle for a comprehensive rear view.
- **Adjustable Lens:** The camera lens can be adjusted 90 degrees up and down to achieve the best viewing angle.



Image: A detailed view of the Fookoo camera, emphasizing its IP69 waterproof rating, adjustable lens for optimal positioning, and integrated IR night vision capabilities.

4.4 Wireless Signal

The system features a dual antenna design and advanced 2.4GHz wireless signal technology for a stable connection with no delay or lag. It offers a reception range of up to 200ft in open areas, providing real-time surroundings even at speeds up to 102 mph.

Dual Antenna Design with 2.4Ghz Wireless Tech

More stable signal, wider signal range.



Image: An illustration demonstrating the dual antenna design of the Fookoo system, which ensures a more stable signal and wider signal range for reliable wireless transmission.

4.5 Loop Recording

Insert an SD card (32-128GB, not included) into the monitor to enable the loop recording function. This allows the system to record footage, which can serve as a memento or evidence. When the SD card is full, older videos will be automatically overwritten.



Image: The Fookoo monitor displaying options for split-screen mode (supporting up to 4 cameras) and indicating support for 32-128GB SD cards for loop recording, highlighting its feature-rich capabilities.

5. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your Fookoo backup camera system.

- **Cleaning the Camera Lens:** Periodically clean the camera lens with a soft, damp cloth to remove dirt, dust, or water spots that may obstruct the view. Avoid abrasive cleaners.
- **Monitor Screen Care:** Wipe the monitor screen with a soft, lint-free cloth. For stubborn smudges, use a screen-safe cleaning solution.
- **Check Connections:** Regularly inspect all power and antenna connections to ensure they are secure and free from corrosion or damage.
- **SD Card Management:** If using the loop recording feature, periodically check the SD card for proper function and consider backing up important footage before it is overwritten.
- **Weather Protection:** While the camera is IP69 waterproof, extreme weather conditions (e.g., heavy snow, ice buildup) may temporarily affect performance. Ensure the camera is clear of obstructions before use.

6. TROUBLESHOOTING

If you encounter issues with your Fookoo backup camera system, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No Signal / Black Screen	Loose power connection; Camera or monitor not powered; Signal interference; Out of range.	Check all power cables and ensure they are securely connected. Verify both camera and monitor are receiving power. Ensure antennas are properly attached. Reduce distance between camera and monitor if possible. Check for strong electromagnetic interference.
Blurry or Distorted Image	Dirty camera lens; Incorrect monitor settings; Signal interference.	Clean the camera lens. Adjust monitor brightness, contrast, or other display settings. Check for signal interference.
Night Vision Not Working	Insufficient darkness for IR activation; Faulty IR lights.	Ensure ambient light is low enough for the photoreceptor to activate IR lights. If problem persists, contact support.
Recording Issues	SD card full; SD card not inserted correctly; SD card corrupted; Loop recording off.	Check SD card insertion. Ensure loop recording is enabled in settings. Format or replace the SD card if corrupted.
Power Interruption (Chevrolet/GMC)	Vehicle's taillights/running lights do not provide constant 12V.	Consider using a 7 Way Vehicle Power Adapter to bypass this issue. Contact Fookoo support for details.

If you are unable to resolve the issue using the troubleshooting steps above, please contact Fookoo customer support for further assistance.

7. SPECIFICATIONS

Feature	Detail
Product Dimensions	11.4 x 7.8 x 3.1 inches (System Packaging)
Item Weight	3.21 pounds
Model Number	DW7Y5
Monitor Size	7-inch IPS FHD Screen
Camera Resolution	1080P HD
Wireless Technology	2.4GHz Digital Wireless with Dual Antennas

Feature	Detail
Wireless Range	Up to 200ft (open area)
Camera Waterproof Rating	IP69
Night Vision	6 Infrared Lights, up to 20ft
Viewing Angle	120 Degrees (Real Angle of View)
Voltage	DC 12-24V
Special Features	Loop Recording, Flip Image, Split Screen (supports up to 4 cameras), Auto-Dimming Monitor
Compatible Devices	Monitor
Installation Type	Surface Mount, Roof Mount (Furrion Pre-wired Compatible)
Optical Sensor Technology	CMOS
Lens Type	Wide Angle
Color	Black
Manufacturer	Fookoo
Country of Origin	USA
First Available Date	October 17, 2023

8. WARRANTY AND SUPPORT

Fookoo is committed to providing high-quality products and excellent customer service.

- **Warranty:** The Fookoo HD 1080P Wireless RV Backup Camera System comes with a 24-month replacement warranty.
- **Lifetime After-Sales Service:** Fookoo provides lifetime after-sales service for this product.
- **Contact Support:** If you encounter any defects, require assistance with installation, or have any questions, please do not hesitate to contact Fookoo customer support. They are available online 24 hours a day.

For support, please refer to the contact information provided in the packaging or on the official Fookoo website.