Fookoo DY102

Fookoo HD Wired Backup Camera System Kit
Model: DY102

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1. INTRODUCTION

The Fookoo HD Wired Backup Camera System Kit (Model: DY102) is designed to enhance driving safety and visibility for large vehicles. Featuring a large 10-inch dual split screen monitor and two high-quality IP69 waterproof cameras, this system provides comprehensive real-time monitoring of your surroundings. It is ideal for trucks, semi-trailers, box trucks, RVs, and other large vehicles, offering features like circular recording and parking line assistance for easier maneuvering.

Overview of the Fookoo 10" Wired Backup Camera System.

The Fookoo 10-inch HD monitor and two cameras, along with connection cables.

2. PACKAGE CONTENTS

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

- 10-inch Monitor x1
- Camera x2
- Power Cord x1
- 4-pin Cable x2
- Installation Kit (includes various screws, nuts, and tools)

PACKAGE CONTENT

Monitor	**Camera×2**	**Remote Control**
Installation Kits	**Power Cord**	**Video Cable**
Fan-shaped Bracket	**Upgrade Bracket**	**U-shaped Bracket**

Visual representation of the package contents, including the monitor, cameras, cables, and installation accessories.

3. PRODUCT FEATURES

3.1. 10-inch HD Dual Split Screen Monitor

The large 10-inch HD monitor provides a clear and detailed view. Its dual split screen feature allows you to simultaneously view feeds from two cameras, offering a comprehensive perspective of your vehicle's surroundings and helping to eliminate blind spots.

The 10-inch HD monitor provides a large, clear display for improved visibility.

3.2. High-Quality IP69 Waterproof Cameras

Equipped with CCD sensors and glass lenses, the cameras deliver clear and vibrant color images. Their IP69 waterproof rating and high/low temperature resistance (-4℉ to 198℉) ensure reliable performance in various weather conditions.

High-quality Cameras with Glass Lenses

The built-in CCD image sensor provides you with brilliant images and minimizes color cast.

-59°F~176°F

The durable camera features a glass lens and is designed for all-weather performance.

3.3. Circular Recording (DVR Function)

The monitor includes a built-in DVR function that supports circular recording. This feature provides video evidence in case of an accident, enhancing your driving safety and security. Recorded videos can be played back directly on the monitor or a computer.

Maximum Storage,Loop Recording,Real-time
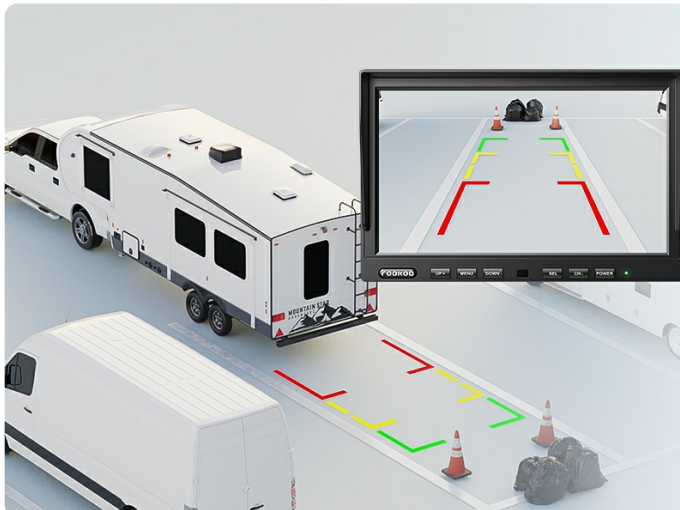
Bulid-in Recording, Work As DVR
Provides you with video evidence if you need,
you can play back the video on the monitor/computer.

The monitor supports recording to an SD card, providing a continuous loop of your driving journey.

3.4. Parking Lines Assistance

Integrated parking lines on the monitor display assist with safer and faster parking or reversing, eliminating the need for external guidance.

Park with Ease & Safe
Save Your Time

Parking can be done quickly and safely by one person without the need for guidance. Simply connect the green wire to the reverse light, and the system will automatically trigger and display the parking guide lines when backing up.

Parking lines on the display assist with precise and safe maneuvering.

3.5. Wide Compatibility

The system is designed for a wide range of large vehicles, including 5th Wheel Trailers, Tractors, RVs, Trucks, Buses, Semi-Trailers, and Box Trucks.

Truck   RV   Trailer   Van   Bus   trail car

The system is compatible with various large vehicles, enhancing safety for diverse applications.
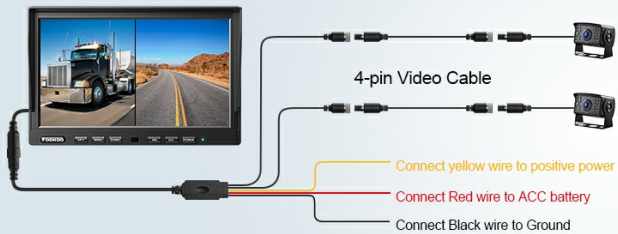
4. INSTALLATION GUIDE

This wired system includes all necessary accessories for a straightforward installation. Follow these steps for proper setup:

1. **Test the System:** Before permanent installation, connect all components to ensure they function correctly.

2. **Power Connection:**

   - Connect the **Red wire** to ACC (Accessory power).
   - Connect the **Black wire** to a metal ground point.
   - Connect the **Yellow wire** to battery positive (constant power).

3. **Camera Connection:** Connect the 4-pin extension cables from the cameras to the corresponding inputs on the monitor. Ensure the notches in the connectors are aligned to prevent damage to the pins.

4. **Trigger Wires (Optional):** The trigger wires' connection depends on your specific needs (e.g., connecting to reverse light for automatic display when backing up).

5. **Mounting:** Securely mount the monitor and cameras using the provided brackets and installation kit.

Easy Installation, Simple Operation

Wiring Diagram

4-pin Video Cable

Connect yellow wire to positive power
Connect Red wire to ACC battery
Connect Black wire to Ground

Power Supply: DC 9-35V

1. Connect the Red wire to (+) of ACC, the Yellow wire to battery positive, the Black wire to negative/ground, and the 4-pin extension cables to cameras as the instructions shown.
2. The trigger wires' connection depends on your need.

Tips

1. Test the system before installing it on your vehicle.
2. Be sure to align the notches in the connectors when installing, so as not to damage the pins in the connectors.

Quick Connection/Disconnection

If you have a trailer, you can run extra cables on it. Then you can easily disconnect it from the vehicle when the trailer isn't needed. No need for rewiring.

Detailed wiring diagram for connecting the monitor and cameras to your vehicle's power supply.

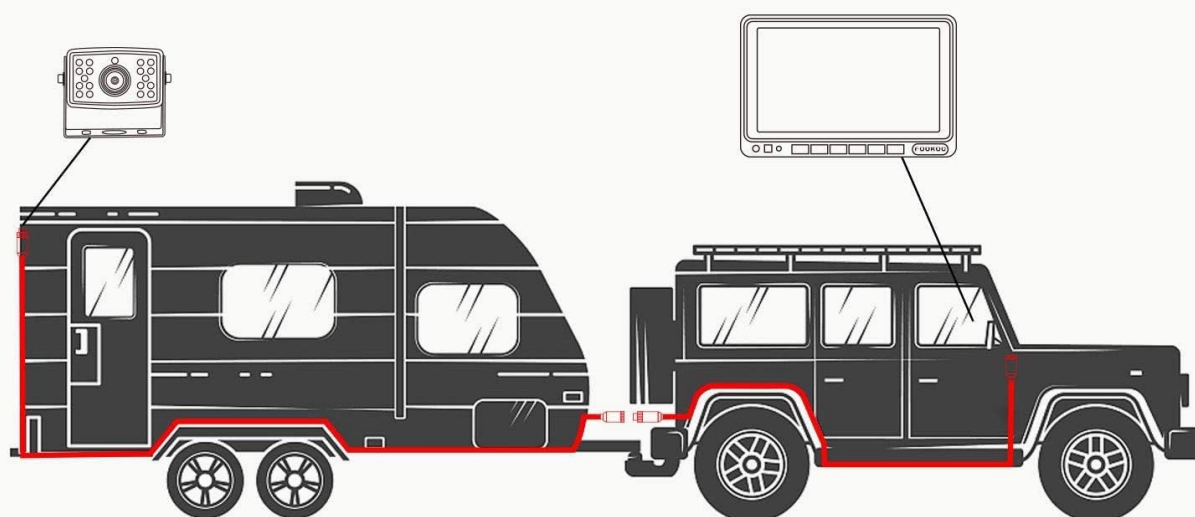## 4.1. Quick Connection/Disconnection for Trailers

If you have a trailer, you can run extra cables to allow for easy disconnection of the camera system when the trailer is not in use, eliminating the need for rewiring each time.

Is this system suitable for my RV?

Yes.It works well with towed trailers and is easily connected and disconnected.

The system is designed for easy connection and disconnection, particularly useful for towed trailers.

5. OPERATION GUIDE

5.1. Switching Display Modes

The monitor supports both full-screen and dual split-screen display modes. Use the **CH-** button on the monitor or remote control to easily switch between different camera views or split-screen configurations.

Full/Dual Split Screen for Choosing

Watch multiple cameras at the same time to monitor the surrounding conditions in real time.
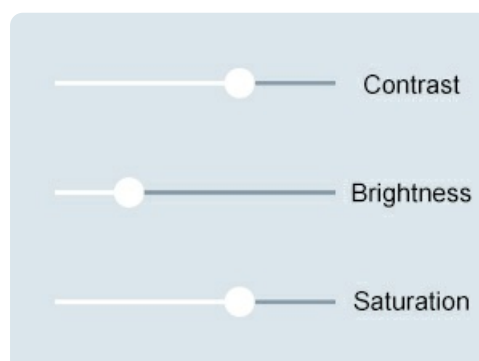

Split Mode:

The monitor offers full or dual split-screen options to monitor multiple camera views simultaneously.

5.2. Recording and Playback

The system records footage to a supported SD card (32GB-128GB). When the SD card is full, older videos will be automatically overwritten (circular recording). You can play back recorded videos directly on the monitor.
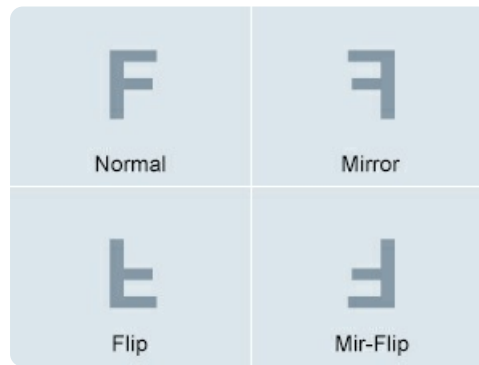
5.3. Image Adjustment

Adjust settings such as contrast, brightness, and saturation to optimize the display quality according to your preferences and lighting conditions.

Adjustable settings for contrast, brightness, and saturation to customize your viewing experience.

5.4. Image Flip Modes

The system supports various image flip modes (Normal, Mirror, Flip, Mir-Flip) to accommodate different camera mounting orientations and viewing preferences.

Select from various image flip modes to suit your camera's mounting position and desired view.

6. MAINTENANCE

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

- **Cleaning:** Regularly clean the monitor screen and camera lenses with a soft, damp cloth. Avoid using abrasive cleaners or solvents that could damage the surfaces.
- **Cable Inspection:** Periodically check all cables and connections for any signs of wear, fraying, or corrosion. Ensure all connections are secure.
- **Camera Lens:** Keep camera lenses free from dirt, mud, snow, or ice to maintain clear image quality.
- **Environmental Protection:** While the cameras are IP69 waterproof and temperature resistant, extreme conditions can still impact performance over time. If possible, protect the system from prolonged exposure to harsh elements when not in use.

7. TROUBLESHOOTING

If you encounter issues with your Fookoo Backup Camera System, refer to the following common problems and solutions:

- **No Image on Monitor:**

    - Check all power connections to the monitor and cameras. Ensure they are securely connected and receiving power.
    - Verify that the 4-pin video cables are properly connected between the cameras and the monitor, with no bent pins.
    - Ensure the monitor is powered on and the correct input channel is selected.

- **Flickering or Distorted Image:**

    - Check for loose cable connections.
    - Ensure the power supply is stable and within the specified voltage range (9-36V DC).
    - Minimize interference from other electronic devices.

- **No Recording:**

    - Ensure an SD card is inserted correctly into the monitor's slot.

- Check if the SD card is formatted and has sufficient free space.
    - Verify that the recording function is enabled in the monitor's settings.
  - **Parking Lines Not Displaying/Incorrect:**
    - Ensure the trigger wire (if used for reverse activation) is correctly connected.
    - Check monitor settings to ensure parking lines are enabled.

If these steps do not resolve the issue, please contact Fookoo customer support for further assistance.

8. SPECIFICATIONS

Feature	Detail
Brand	Fookoo
Model	DY102
Screen Size	10 Inches
Display Technology	LCD
Video Capture Resolution	1080p
Optical Sensor Technology	CCD
Lens Type	Wide Angle
Lux Rating	0.1 Lux
Voltage	9-36 Volts DC
Installation Type	Dashboard Mount, Surface Mount, Rear
Item Weight	6.34 pounds
Package Dimensions	11.54 x 9.69 x 6.38 inches
Waterproof Rating	IP69 (Cameras)
Temperature Resistance	-4°F to 198°F (-20°C to 92°C)
Recording Function	Circular Recording (DVR)
SD Card Support	32GB-128GB (not included)

9. WARRANTY AND SUPPORT

Fookoo stands behind the quality of its products. Your Fookoo HD Wired Backup Camera System Kit comes with a **2-Year Warranty**.

For any defective products, issues, or if you require additional cables or assistance, Fookoo offers **18-month replacement support** and **lifetime after-sales service**. Our customer support team is available online 24 hours to assist you.

Please contact Fookoo customer service through the platform where you purchased the product or refer to the contact information provided in your product packaging.