Fookoo DW7Y5(XT)

Fookoo HD 1080P Single Wireless Backup Camera User Manual

Model: DW7Y5(XT)

Brand: Fookoo

INTRODUCTION

This user manual provides comprehensive instructions for the installation, operation, and maintenance of your Fookoo HD 1080P Single Wireless Backup Camera. Designed for enhanced safety and convenience, this camera system is compatible with specific Fookoo models including DW7Y5, DW7Y503, DW7Y504, and DW5. Please read this manual thoroughly before installation and use to ensure proper functionality and to maximize the lifespan of your device.

PRODUCT OVERVIEW

The Fookoo HD 1080P Single Wireless Backup Camera is engineered to provide a clear and reliable rear view for your vehicle. It features a high-definition sensor, robust waterproof design, and infrared night vision capabilities, ensuring visibility in various conditions. This camera is specifically designed to integrate with Fookoo systems DW7Y5, DW7Y503, DW7Y504, and DW5, offering a seamless and stable wireless connection.

Front view of the Fookoo HD 1080P Single Wireless Backup Camera, showcasing its compact design and central lens.

The Fookoo backup camera is suitable for various vehicle types, including trucks, RVs, and trailers, enhancing safety during reversing and maneuvering.

Key Features

- **High Definition 1080P Resolution:** Provides clear and sharp images for improved visibility.

- **IP69 Waterproof Rating:** Ensures durability and reliable performance in all weather conditions, including rain, snow, and extreme temperatures.

- **120-Degree Viewing Angle:** Offers a wide field of view to minimize blind spots.

- **Infrared Night Vision:** Equipped with 6 infrared lights and a light sensor for automatic activation in low-light conditions, providing clear images up to 20 feet at night.

- **Adjustable Lens:** Allows for 90-degree up and down adjustment to achieve the optimal viewing angle.
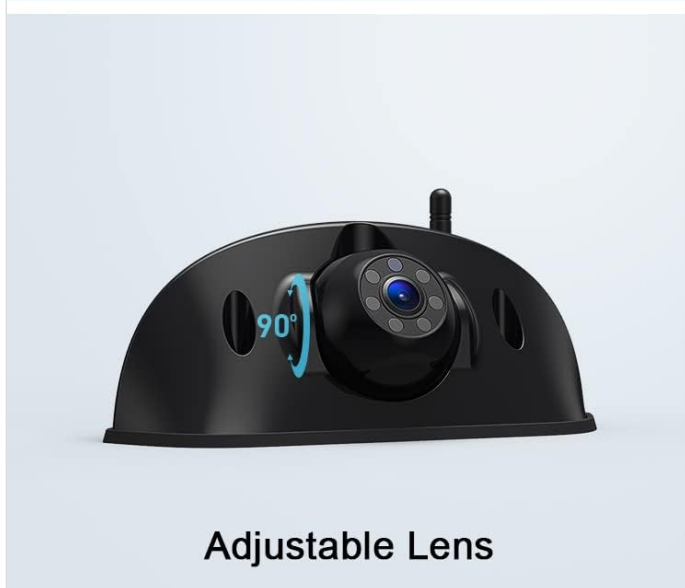
- **2.4GHz Wireless Signal:** Delivers real-time image transfer to the monitor with minimal delay and no freezing.
- **Durable Construction:** Features a glass and plastic mixed lens for enhanced longevity.
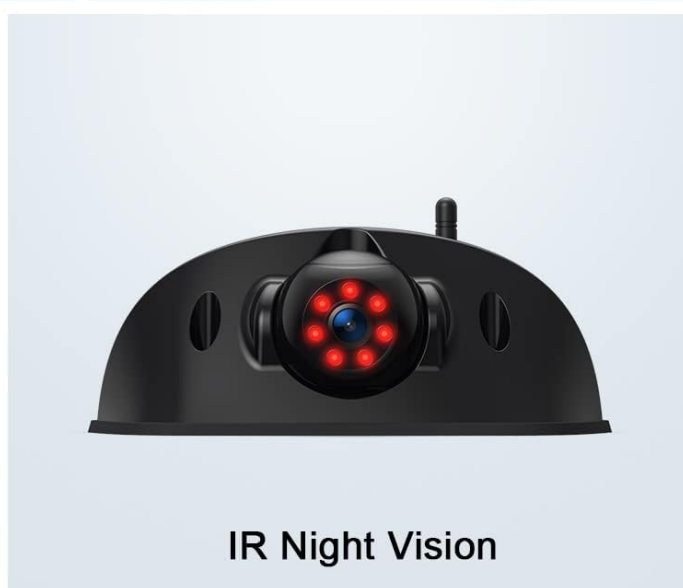

2.8 inch

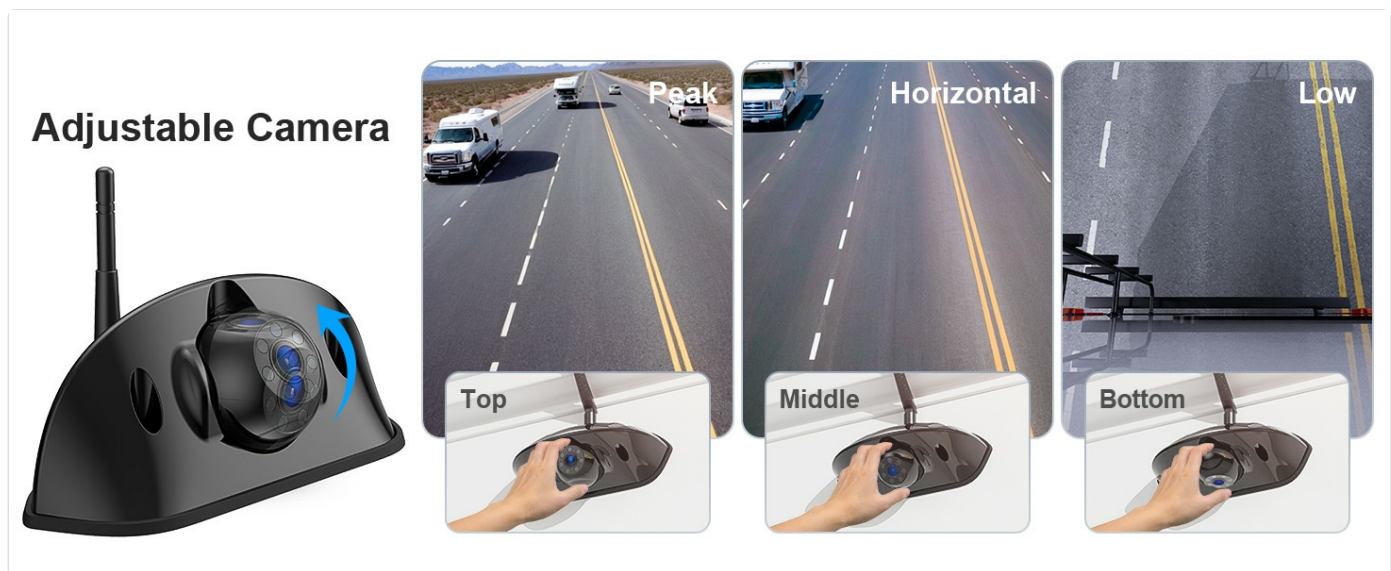6.7 inch

2.7 inch

IP69 Waterproof

Pre-wired Adapter Mount

90°

Adjustable Lens

IR Night Vision

Visual representation of key features including IP69 waterproof rating, pre-wired adapter mount compatibility, adjustable lens, and infrared night vision capabilities.

Adjustable Camera

Peak

Horizontal

Low

Top

Middle

Bottom

Anatomy of the Fookoo camera, highlighting its night vision range, antenna location for stable signal, light sensor, adjustable lens, lens type, and power cord connection options, along with product dimensions.

NIGHT VISION UP TO 20FT
Six Infrared Lights.

ANTENNA LOCATION
Metal connectors for a more stable wireless digital signal.

2.4GHZ WIRELESS SIGNAL
Real-time image transfer to the monitor with no delay and no freezing.

LIGHT SENSOR
Automatically turn on or off the IR lights according to the ambient brightness.

ADJUSTABLE LENS
90° up and down adjustment to get the best view.

2.8 inch

2.7 inch

LENS
Glass and Plastic Mixed Lens.

6.7 inch

POWER CORD
Connect directly to Furrion pre-wired or to the power supply via the matching power cord.

Illustrations showing how the adjustable camera lens can be positioned to achieve different viewing angles (Top, Middle, Bottom) for optimal visibility.

WHAT'S IN THE BOX

Upon opening the package, please verify that all components are present and in good condition:

- Camera (1 unit)
- Antenna (1 unit)
- Power Cord (1 unit)
- Installation Kit (1 unit)

SETUP AND INSTALLATION

The Fookoo wireless backup camera offers flexible installation options, particularly for vehicles with existing Furrion pre-wired mounts. Ensure the vehicle's power is off before beginning installation.

Furrion Pre-wired Installation

For RVs or vehicles equipped with a Furrion pre-wired mount, installation is simplified:

1. Locate the existing Furrion pre-wired mount at the rear of your vehicle.

2. Remove the existing cover or dummy camera from the mount.

3. Connect the camera's power cord directly to the pre-wired pigtail wires.

4. Secure the Fookoo camera to the Furrion mount using the provided screws from the installation kit. Ensure a tight and secure fit.

5. Attach the antenna to the camera.

Illustration detailing both Furrion pre-wired installation (top) and general installation (bottom) methods, including wiring diagrams for each.

The Fookoo camera seamlessly integrates with vehicles featuring a pre-wired mount, making it an ideal choice for easy installation.

General Installation

For vehicles without a Furrion pre-wired mount, follow these steps:

1. Choose a suitable mounting location at the rear of your vehicle, typically above the license plate or near the top center.

2. Drill necessary holes for mounting the camera and routing the power cable, if required. Use the installation kit as a guide.

3. Connect the camera's power cord to a 12-24V power supply. This can typically be the vehicle's running lights or reversing light power. Ensure proper polarity (red wire to positive, black wire to ground).

4. Secure the camera to the chosen location using the provided screws.

5. Attach the antenna to the camera.

6. Seal any drilled holes with appropriate sealant to prevent water ingress.

OPERATING INSTRUCTIONS

Once installed and powered, the Fookoo wireless backup camera system operates automatically:

- **Automatic Activation:** The camera will automatically power on and transmit video to your compatible Fookoo monitor (e.g., DW7Y5, DW7Y503, DW7Y504, DW5) when the vehicle's reverse gear is engaged, or when the connected power source is active.

- **Monitor Display:** The monitor will display the live video feed from the camera, providing a clear view of the area behind your vehicle.

- **Night Vision:** In low-light conditions, the integrated light sensor will automatically activate the 6 infrared lights, enabling clear night vision up to 20 feet.

- **Adjusting View:** If needed, manually adjust the camera lens up or down by 90 degrees to optimize your viewing angle.

The Best Companion For Safe Driving

Whether it is a rough road or complex traffic conditions, it will always monitor the road conditions for you to make your driving safer.

The Fookoo camera acts as a reliable companion for safe driving, monitoring road conditions whether on rough terrain or in complex traffic.

Focus on Your Driving Safety

The Fookoo camera helps maintain focus on driving safety by providing clear rear visibility.

Real Effects of Fookoo Product
Customers' Pictures

Examples of real-world views from the Fookoo camera as seen on a monitor, demonstrating its clarity in various environments.

MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your Fookoo backup camera:

- **Cleaning the Lens:** Periodically clean the camera lens with a soft, damp cloth to remove dirt, dust, or water spots. Avoid abrasive cleaners that could scratch the lens.
- **Checking Connections:** Inspect all cable connections and the antenna periodically to ensure they are secure and free from corrosion or damage.
- **Waterproof Integrity:** While the camera is IP69 waterproof, avoid directing high-pressure water jets directly at the camera for extended periods, especially at seals.
- **Environmental Factors:** If operating in extremely harsh environments (e.g., heavy salt spray, excessive dust), more frequent cleaning and inspection may be necessary.

TROUBLESHOOTING

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

Problem	Possible Cause	Solution
No Signal / Black Screen on Monitor	- Power connection issue. - Antenna not properly connected. - Interference. - Camera malfunction.	- Check power cord connection to vehicle and camera. Ensure power source is active. - Ensure antenna is securely screwed onto the camera. - Relocate camera or monitor to reduce interference, if possible. - Contact Fookoo customer support if problem persists.
Blurry or Distorted Image	- Dirty lens. - Condensation inside lens. - Poor signal quality.	- Clean the camera lens with a soft, dry cloth. - Allow time for condensation to dissipate. If persistent, check seals. - Ensure camera and monitor are within effective wireless range and free from obstructions.
Night Vision Not Working	- Light sensor obstructed or faulty. - Infrared LEDs malfunction.	- Ensure the light sensor on the camera is clean and unobstructed. - Test in complete darkness. If still no IR light, contact support.

SPECIFICATIONS

Attribute	Detail
Model Number	DW7Y5(XT)
Product Dimensions	5 x 3 x 5 inches (12.7 x 7.6 x 12.7 cm)
Item Weight	13.4 ounces (380 grams)

Attribute	Detail
Video Capture Resolution	1080p
Optical Sensor Technology	CMOS
Lens Type	Wide Angle
Connector Type	Wireless
Installation Type	Surface Mount, Roof Mount
Compatible Devices	DW7Y5, DW7Y503, DW7Y504, DW5
Manufacturer	Fookoo

WARRANTY AND SUPPORT

Fookoo is committed to providing high-quality products and excellent customer service. For specific warranty details, including coverage period and terms, please refer to the warranty card included with your product or visit the official Fookoo website.

For technical support, troubleshooting assistance beyond this manual, or warranty claims, please contact Fookoo customer service directly. You can find contact information on the official Fookoo website or through their Amazon Brand Store:

Fookoo Amazon Brand Store: Visit Fookoo Store
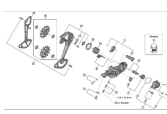
When contacting support, please have your product model number (DW7Y5(XT)) and purchase information ready.

Related Documents - DW7Y5(XT)

FOOKOO Fookoo HD Wired 10" Backup Camera System (DY101) Installation and Operation Guide	**Fookoo DY101 HD Wired 10-inch Backup Camera System: Installation and Operation Guide** This guide provides detailed instructions for installing and operating the Fookoo DY101 HD Wired 10-inch Backup Camera System. Learn about system components, setup procedures, feature usage, and troubleshooting tips for enhanced vehicle safety.
4-in-1 Battery Floodlight, Charger, and Mount with Solar Panel USER MANUAL W WASSERSTEIN Compatible use with Blink XT2 Outdoor, Arlo Pro3 (4 Discontinue) and Wyze Cam Outdoor/V2	**WASSERSTEIN 4-in-1 Battery Floodlight, Charger, and Mount with Solar Panel User Manual** User manual for the WASSERSTEIN 4-in-1 Battery Floodlight, Charger, and Mount with Solar Panel. Includes setup, installation, and operation instructions for compatibility with Blink, Arlo, and Wyze cameras.

Avaya IX Huddle Camera HC050 Quick Setup Guide

A quick setup guide for the Avaya IX Huddle Camera HC050, detailing its features, package contents, and setup instructions for Avaya XT Series and PC/MAC conferencing.

A-NeuVideo ANI-0102POE-XT: 1x2 HDMI Extender Splitter with IR Return - User Manual

User manual for the A-NeuVideo ANI-0102POE-XT 1x2 HDMI POE Extender Splitter. Covers features, specifications, operation, safety, EDID modes, and connection diagrams for extending HDMI signals up to 230 ft (70m) over CAT6 cable.

Shimano Deore XT RD-M8100-SGS Rear Derailleur Parts

Detailed parts list and exploded view diagram for the Shimano Deore XT RD-M8100-SGS 12-speed rear derailleur, including part numbers and interchangeability.

A-NeuVideo ANI-0104POE-XT: 1x4 HDMI 4K Extender Splitter with IR Return - User Manual

Comprehensive user manual for the A-NeuVideo ANI-0104POE-XT 1x4 HDMI POE Extender Splitter. Features include 4K30Hz resolution, 70M (230ft) transmission distance over CAT6, IR return, and advanced EDID management. Includes safety information, specifications, operation guides, and connection diagrams.