Foxpark W11 CAM

Foxpark W11 CAM Wireless Backup Camera Instruction Manual

Model: W11 CAM | Brand: Foxpark

1. Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your Foxpark W11 CAM Wireless Backup Camera. Please read this manual thoroughly before using the product to ensure correct usage and to prevent damage. Keep this manual for future reference.

Note: This backup camera is designed as an add-on camera for existing Foxpark wireless backup camera systems and cannot function independently with other products.

2. Product Overview

The Foxpark W11 CAM is a high-definition wireless backup camera designed to enhance vehicle safety and parking convenience. It features advanced imaging technology and robust construction for reliable performance in various conditions.

Key Features:

- **1080P HD Resolution:** Provides clear and detailed images for improved visibility.
- **Super Night Vision:** Equipped with a 0.1LUX optical night vision chip for vivid color images in low-light conditions.
- **IP69K Waterproof Rating:** Designed to withstand extreme weather, including rain, sandstorms, and temperatures from -20°C to 65°C, through four enhanced sealing processes (PCB-Coating, sealing adhesive, potting, and special structural design).
- **Dual Channel Support:** Can be easily integrated as a front, side, or security camera within a compatible Foxpark wireless system.
- **Adjustable Angle:** Features a 30° adjustable camera angle for optimal viewing.
- **DIY Parking Lines:** Customizable parking guidelines to assist with precise parking.

- **Wide Angle Lens:** 170-degree real angle of view to minimize blind spots.

Product Components:



Image: The Foxpark W11 CAM Wireless Backup Camera unit, typically mounted above a license plate.



Image: An exploded view illustrating the 5-full glass lens components and the four sealing processes for durability and waterproofing.

3. Installation Instructions

Proper installation is crucial for the optimal performance of your wireless backup camera. This camera is designed for 12-24V DC power systems.

3.1 Pre-Installation Checklist:

- Ensure your Foxpark wireless monitor is compatible and ready for pairing.
- Gather necessary tools: screwdriver, wire strippers, electrical tape, zip ties (not included).
- Confirm the vehicle's power system is 12-24V DC.

3.2 Wiring the Camera:

1. Identify a suitable power source. For rear view, connect the camera's power supply to your vehicle's reverse lights. For front or side view, connect to a constant 12-24V DC power source or an accessory power source (e.g.,

headlights).

2. Carefully strip the insulation from the power wires and connect them securely to the vehicle's power source. Ensure proper polarity (positive to positive, negative to negative).
3. Insulate all connections with electrical tape to prevent short circuits and protect against moisture.

3.3 Mounting the Camera:

1. Typically, the camera is mounted near the license plate. Secure the camera bracket using appropriate fasteners.
2. Adjust the camera's viewing angle. The W11 CAM offers a 30° adjustment range. Position the camera to achieve the desired field of view, ensuring no obstructions.



Image: The camera unit showing its 30-degree adjustable mounting bracket, allowing users to select the optimal viewing angle.

3.4 Pairing with the Monitor:

Once the camera is powered, follow the instructions provided with your Foxpark wireless monitor to complete the pairing process. The camera will output stable real-time images within 35 feet of the monitor.



Image: A red car demonstrating the camera's use as a second channel (CAM2) for a Foxpark W11 system, indicating its expandability.

4. Operation Guide

After successful installation and pairing, your Foxpark W11 CAM is ready for operation.

4.1 Powering On/Off:

The camera powers on automatically when its connected power source is active (e.g., when the vehicle is in reverse or when headlights are on, depending on wiring). It will power off when the power source is deactivated.

4.2 Monitor Functions:

Your Foxpark monitor allows for various adjustments to optimize the camera's display:

- **Brightness, Contrast, Saturation:** Adjust these settings on your monitor to suit ambient light conditions and personal preference.

- **Horizontal and Vertical Flip:** If the image appears inverted or mirrored, use the monitor's flip function to correct the orientation.
- **DIY Parking Lines:** Access the monitor's settings to customize the parking guidelines, including their position and width, to accurately match your vehicle and parking habits.

4.3 Night Vision:

The camera automatically activates its super night vision feature in low-light conditions, providing clear, vivid color images. This ensures visibility and safety even in dark environments.



Image: A split image demonstrating the camera's 1080P HD clarity in daylight and its effective super night vision capability in dark conditions.

4.4 Dual Channel Operation:

If you have multiple Foxpark W11 CAMs connected to a compatible dual-channel monitor, refer to your monitor's manual for instructions on switching between camera views (e.g., front, rear, side).



Image: An illustration showing various compatible vehicles including cars, SUVs, pickups, vans, trucks, and trailers, highlighting the camera's versatility.

5. Maintenance

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

- **Cleaning the Lens:** Periodically clean the camera lens with a soft, damp cloth. Avoid abrasive cleaners that could scratch the lens.
- **Checking Connections:** Inspect all power connections and wiring periodically to ensure they are secure and free from corrosion or damage.
- **Waterproof Integrity:** While the camera is IP69K rated, avoid directing high-pressure water jets directly at the camera for extended periods during vehicle washing.



Image: The camera partially submerged in water, illustrating its IP69K waterproof capability and resistance to various environmental conditions like extreme temperatures, rain, and sandstorms.

6. Troubleshooting

If you encounter issues with your Foxpark W11 CAM, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No image on monitor	No power to camera; Camera not paired; Loose connection; Out of wireless range.	Check power connections; Re-pair camera with monitor; Secure all cables; Ensure camera is within 35ft of monitor.
Poor image quality	Dirty lens; Low light conditions (if night vision not active); Monitor settings incorrect.	Clean the camera lens; Adjust monitor brightness/contrast/saturation; Ensure night vision is functioning.

Problem	Possible Cause	Solution
Image is inverted/mirrored	Incorrect monitor flip setting.	Access monitor settings and adjust horizontal/vertical flip.
Intermittent signal	Wireless interference; Camera too far from monitor; Obstructions.	Minimize sources of wireless interference; Ensure camera is within optimal range; Reposition camera/monitor if possible.

If troubleshooting steps do not resolve the issue, please contact Foxpark customer support for assistance.

7. Specifications

Feature	Detail
Model Number	W11 CAM
Brand	Foxpark
Resolution	1080P HD
Night Vision	0.1LUX Optical Night Vision Chip (Color)
Waterproof Rating	IP69K
Operating Voltage	12-24 Volts DC
Optical Sensor Technology	CCD or CMOS
Lens Type	Wide Angle
Real Angle of View	170 Degrees
Wireless Range	Up to 35 feet (stable images)
Operating Temperature	-20°C to 65°C
Product Dimensions (Camera Unit)	4.92"L x 3.54"W x 3.15"H
Item Weight	13.1 ounces
Connector Type	Wireless Transmitter

8. Warranty and Support

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

8.1 Warranty:

Your Foxpark W11 CAM Wireless Backup Camera is covered by a**12-month replacement service** from the date of purchase. This warranty covers manufacturing defects and ensures your product functions as intended under normal use.

8.2 Technical Support:

For any questions, concerns, or technical assistance regarding your product, please contact Foxpark customer support. Our team is available to provide guidance and solutions.
Please refer to the contact information provided with your product packaging or visit the official Foxpark website for support details.

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