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Foxpark Solar 3 Optional Camera

Foxpark Solar Wireless Backup Camera (Solar 3 Optional Camera) User Manual

Brand: Foxpark | **Model:** Solar 3 Optional Camera

1. Introduction

This manual provides detailed instructions for the installation, operation, maintenance, and troubleshooting of your Foxpark Solar Wireless Backup Camera, designed exclusively for use with the Foxpark Solar 3 Backup Camera System. This camera functions as an optional accessory to expand your existing Solar 3 system, offering enhanced visibility and safety for various vehicles.
Important Note: This camera is compatible only with the Foxpark Solar 3 Backup Camera System. It will not function with other backup camera systems or directly with mobile phones.

2. Product Features

- **Solar & USB Charging:** Equipped with a built-in 3350mAh rechargeable battery and a solar panel, allowing for continuous charging via sunlight or USB.
- **1080P Image Sensor:** Provides high-definition 1080P video output, ensuring clear and detailed images, especially in low-light conditions.
- **IP69K Waterproof Standard:** Certified with a REAL IP69K waterproof rating, featuring enhanced four-process waterproofing for superior durability against harsh weather.
- **70-Degree Adjustable View Angle:** The camera's angle can be adjusted by 70 degrees to achieve the optimal viewing perspective for your specific vehicle and application.
- **Wireless Transmission:** Offers powerful wireless transmission suitable for most vehicles, including sedans, pickups, trucks, vans, and RVs (up to 33 ft).
- **Versatile Application:** Ideal for towing trailers, RVs, or boats, and can also be used for monitoring children or pets inside the vehicle.

3. Setup and Installation

The Foxpark Solar Wireless Backup Camera is designed for quick and easy installation without the need for complex wiring or drilling. Follow these steps for a seamless setup:

1. **Mounting the Camera:** Secure the camera to your desired location, such as a license plate, bumper, spare tire, roof rack,

or side of the vehicle. The clever bracket design allows for a 1-second slide-off for easy removal if needed.

2. **Powering the Camera:** The camera is powered by its built-in rechargeable battery and solar panel. Ensure the solar panel is exposed to sunlight for continuous charging. No wiring to the reverse light is required.
3. **Pairing with Solar 3 Monitor:** Refer to your Foxpark Solar 3 Backup Camera System manual for specific instructions on how to pair this optional camera with your monitor. Typically, this involves accessing the monitor's pairing menu and initiating the connection process.
4. **Adjusting View Angle:** Once mounted, adjust the camera's 70-degree view angle to achieve the best possible rear or side view for your driving needs.

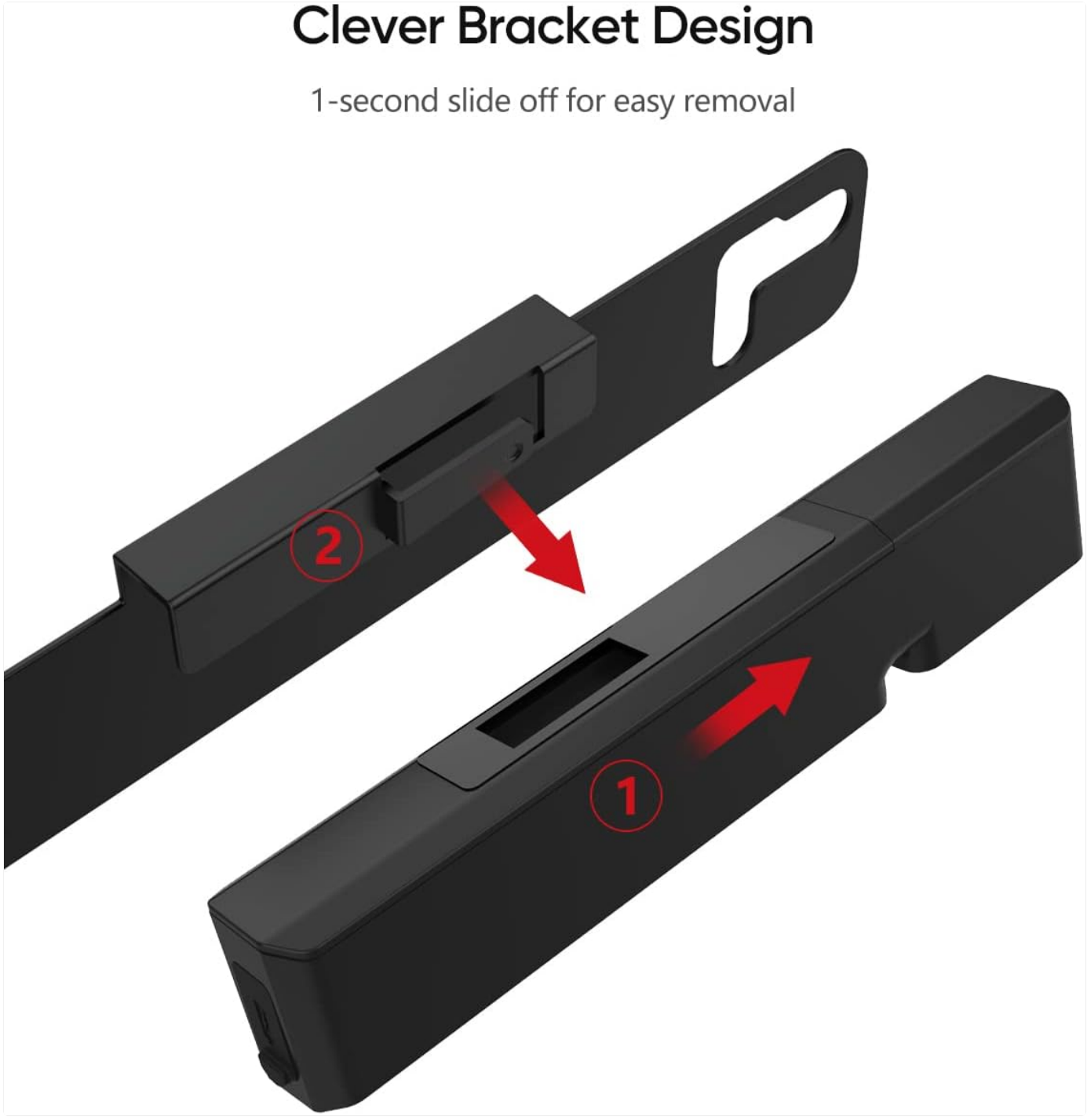


Figure 3.1: Clever bracket design for easy camera removal.



Figure 3.2: Example camera placements on a vehicle, demonstrating compatibility with Solar 3.

4. Operating Instructions

Once installed and paired, your Foxpark Solar Wireless Backup Camera provides real-time video feedback to your Solar 3 monitor. The system offers various functionalities to enhance your driving experience:

- **Real-time Monitoring:** The camera transmits live 1080P video to your Solar 3 monitor, providing a clear view of the area behind or around your vehicle.

- **Image Flip Function:** The camera supports four image flip options (Mirror, Original, Upside, Down). Each camera connected to the Solar 3 system has its own independent setting function. This allows you to customize the image orientation as needed for different mounting positions.
- **Guide Lines:** The Solar 3 monitor typically displays adjustable guide lines to assist with parking and reversing. Refer to your Solar 3 monitor manual for guide line adjustment.



Figure 4.1: Image flip options for customized viewing.

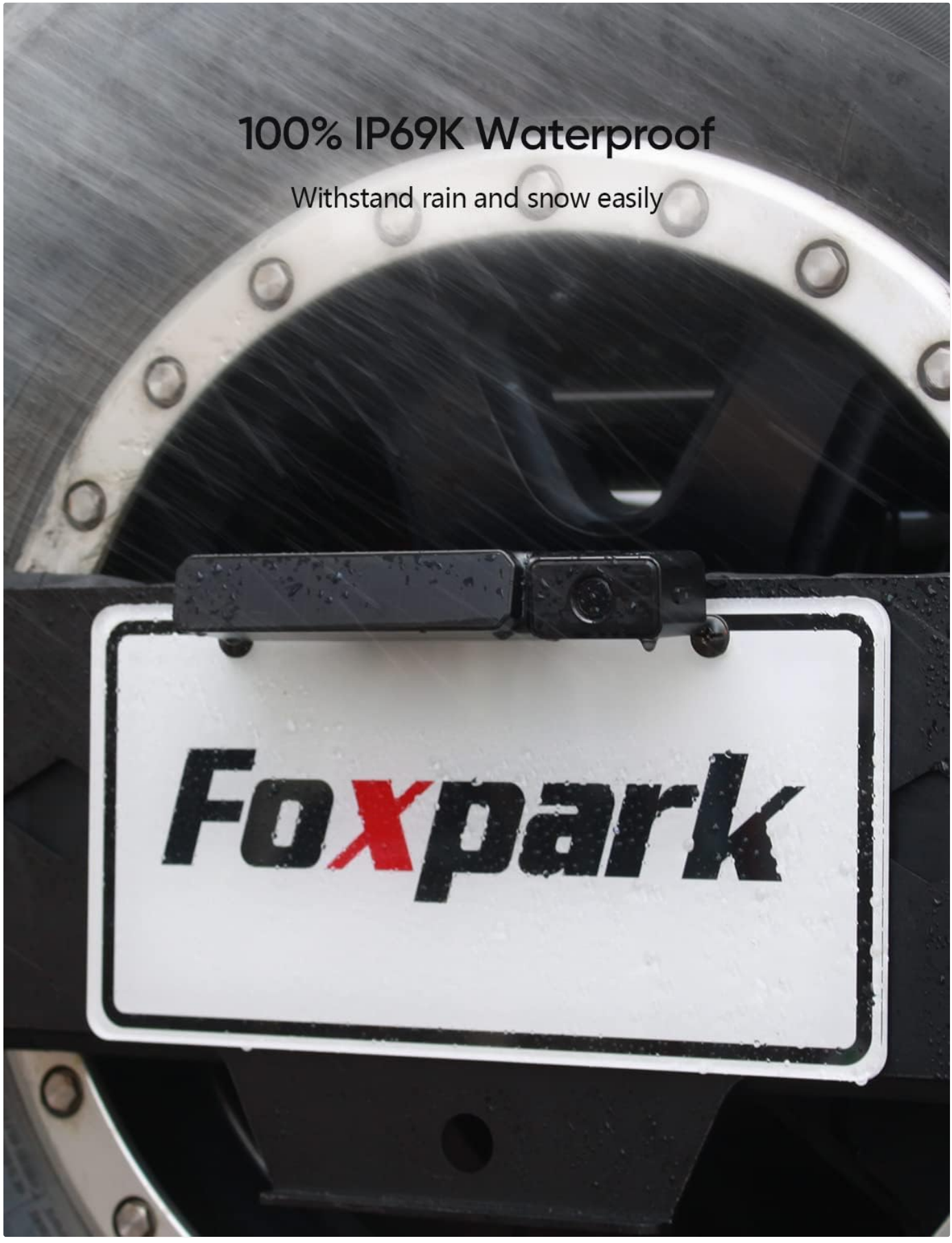


Figure 4.2: High-definition 1080P image output with guide lines.

5. Maintenance

To ensure optimal performance and longevity of your Foxpark Solar Wireless Backup Camera, follow these maintenance guidelines:

- **Solar Panel Cleaning:** Regularly clean the solar panel surface to remove dirt, dust, or debris that may obstruct sunlight and reduce charging efficiency. Use a soft, damp cloth.
- **Camera Lens Cleaning:** Keep the camera lens clean for clear image quality. Gently wipe the lens with a soft, lint-free cloth. Avoid abrasive materials or harsh chemicals.
- **Battery Charging:** While the solar panel provides continuous charging, if the camera is stored in a dark environment for an extended period, or during prolonged periods of low sunlight, it may require charging via the USB port.
- **Waterproof Integrity:** The camera is IP69K waterproof. However, avoid directing high-pressure water jets directly at the camera for extended periods, as this could potentially compromise seals over time.

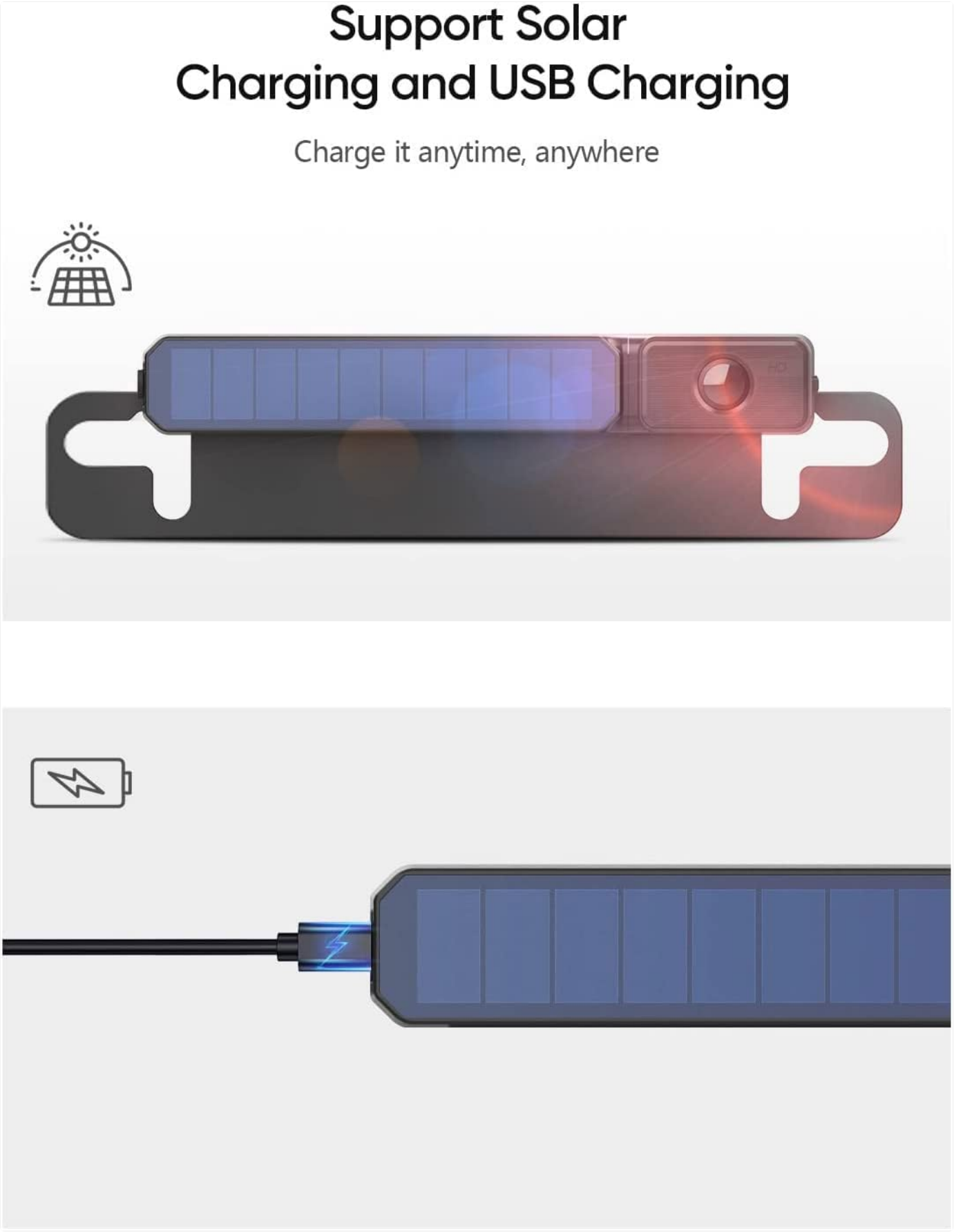


Figure 5.1: Solar and USB charging capabilities.

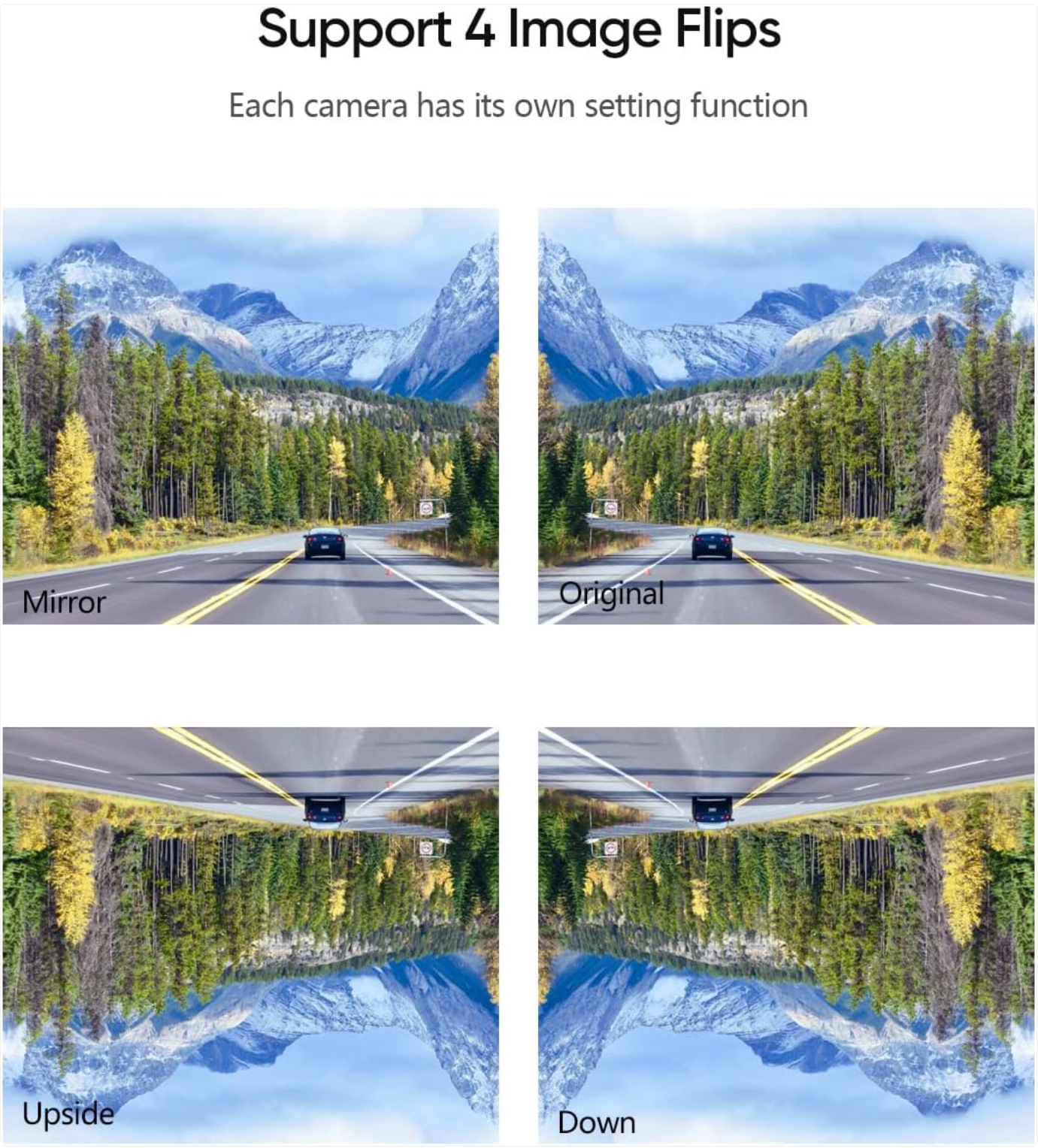


Figure 5.2: IP69K waterproof design withstanding water spray.

6. Troubleshooting

If you encounter issues with your Foxpark Solar Wireless Backup Camera, please refer to the following common troubleshooting steps:

- **No Signal/Black Screen:**
  - Ensure the camera is fully charged. Connect it to a USB power source if necessary.
  - Verify that the camera is correctly paired with your Solar 3 monitor. Re-initiate the pairing process if needed.
  - Check for any obstructions between the camera and the monitor that might interfere with the wireless signal.
  - Confirm the camera is powered on.

- **Poor Image Quality:**
  - Clean the camera lens to remove any dirt, dust, or moisture.
  - Ensure the camera's view angle is correctly adjusted and not obstructed.
  - Check the monitor's display settings (brightness, contrast) if applicable.
- **Camera Not Charging:**
  - Ensure the solar panel is clean and exposed to direct sunlight.
  - Try charging the camera via the USB port to confirm the battery and charging circuit are functional.
- **Intermittent Connection:**
  - The wireless transmission range is up to 33 ft. Ensure your vehicle length is within this range for stable connection.
  - Minimize potential sources of wireless interference (e.g., other wireless devices, large metal objects).

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

7. Specifications

Feature	Specification
Product Dimensions	9.45 x 7.09 x 2.76 inches
Item Weight	10.2 ounces
Item Model Number	Solar 3 Optional Camera
Batteries	1 Lithium Polymer battery (included)
Connectivity Technologies	Wireless
Scanner Resolution	1080p
Manufacturer	Foxpark
Compatible Devices	Monitor (Foxpark Solar 3 System)
Installation Type	Butterfly Mount
Voltage	12 Volts
Optical Sensor Technology	CMOS
Lens Type	Wide Angle
Real Angle of View	70 Degrees
Connector Type	Wireless
Optical Sensor Size	1/3 inch

8. Warranty and Support

Foxpark provides a **12-month after-sales service** for this product. If you encounter any issues or have questions regarding your

Solar Wireless Backup Camera, please do not hesitate to contact our customer support team.
For support, please visit the official Foxpark website or contact us through the platform where you purchased the product. Our team is dedicated to providing high-quality products and warm services.

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Question

Example: How do I reset this device or fix this error?

Details

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