

Camouflage EZ-SOLAR

Camouflage EZ-Solar-WiFi Wildcamera User Manual

Model: EZ-SOLAR

1. INTRODUCTION

Thank you for choosing the Camouflage EZ-Solar-WiFi Wildcamera. This advanced wildlife camera is designed to capture stunning images and videos of animals in their natural habitat, automatically and efficiently. Featuring integrated Wi-Fi and Bluetooth connectivity, a solar panel for extended operation, and a user-friendly mobile application, the EZ-Solar-WiFi provides a seamless wildlife observation experience. This manual provides detailed instructions for setup, operation, maintenance, and troubleshooting to ensure optimal performance of your device.

2. SAFETY INFORMATION

- Do not expose the camera to extreme temperatures or direct sunlight for prolonged periods beyond its operational limits.
- Ensure all covers and seals are properly closed to maintain water resistance, especially in wet environments.
- Use only recommended accessories and power sources.
- Keep the device out of reach of children.
- Do not attempt to disassemble or modify the camera, as this will void the warranty and may cause damage.
- Dispose of electronic waste responsibly according to local regulations.

3. PACKAGE CONTENTS

Please check the package to ensure all items are present:

- 1x Camouflage EZ-Solar-WiFi Wildcamera
- 1x Fixing Kit (straps/mount)
- 1x User Manual (this document)
- *Note: Micro SD card and batteries are typically not included and must be purchased separately.*

4. PRODUCT OVERVIEW



Figure 4.1: Front View. This image shows the front of the EZ-Solar-WiFi Wildcamera, highlighting the main lens, motion sensor, and the integrated solar panel at the top. The camouflage pattern is visible across the casing.



Figure 4.2: Angled View with Tilted Solar Panel. This perspective illustrates the camera from an angle, with the solar panel slightly tilted upwards, designed to optimize sunlight absorption. Side latches for securing the camera are also visible.

The EZ-Solar-WiFi Wildcamera features a robust, weather-resistant casing with a camouflage finish. Key components include:

- **Solar Panel:** Integrated at the top for continuous power supply.
- **Main Lens:** For capturing high-resolution images and videos.
- **PIR Motion Sensor:** Detects movement to trigger recording.
- **Infrared LEDs:** 42 LEDs for clear night vision.
- **3-Inch Display:** For viewing settings and playback (located inside the camera, accessible by opening the front cover).
- **Micro SD Card Slot:** For memory storage.
- **Battery Compartment:** For backup power (if applicable, typically AA batteries).

5. SETUP

5.1. Powering the Camera

The EZ-Solar-WiFi Wildcamera is primarily powered by its integrated solar panel. For initial setup or prolonged periods without sufficient sunlight, external batteries may be required.

1. **Solar Power:** Ensure the solar panel is exposed to direct sunlight for optimal charging.
2. **Battery Installation (Optional/Backup):** Open the battery compartment (usually at the bottom or back). Insert the required number of AA batteries, ensuring correct polarity (+/-). Close the compartment securely.

5.2. Micro SD Card Installation

A micro SD card (not included) is required to store photos and videos.

1. Open the camera's front cover to access the internal display and card slot.
2. Locate the micro SD card slot.
3. Insert the micro SD card with the gold contacts facing down until it clicks into place.
4. *Important:* Format the micro SD card using the camera's menu system before first use to ensure compatibility and optimal performance.

5.3. Mounting the Camera

Use the provided fixing kit to securely mount the camera.

1. Choose a suitable location: Select a spot with a clear view of the area you wish to monitor, ensuring the solar panel receives adequate sunlight.
2. Attach the mounting strap or bracket to a tree or pole.
3. Secure the camera to the strap/bracket, ensuring it is stable and pointed in the desired direction.
4. Adjust the angle of the camera and solar panel as needed.

5.4. App Installation and Connection

The camera can be controlled via a dedicated mobile application.

1. **Download the App:** Search for the "Camouflage Wildcamera App" (or similar, as specified in the camera's quick start guide) on your smartphone's app store (Android).
2. **Enable Bluetooth/Wi-Fi:** Ensure Bluetooth and Wi-Fi are enabled on your smartphone.
3. **Connect to Camera:**
 - Open the app and follow the on-screen instructions to add a new device.
 - The app will use Bluetooth to discover the camera. Once found, it will prompt you to connect via Wi-Fi.
 - Connect to the camera's Wi-Fi hotspot (SSID and password usually found on the camera's screen or in the quick start guide).
4. Once connected, you can access live view, change settings, and download files.

6. OPERATING THE CAMERA

6.1. Basic Operation

1. **Power On/Off:** Use the power switch located inside the camera's compartment.
2. **Mode Selection:** The camera typically has modes like "OFF", "SETUP", and "ON" (or "MONITOR").

- **OFF:** Camera is powered off.
- **SETUP:** Allows access to the menu, settings, and live view via the internal display or app.
- **ON (MONITOR):** Camera is active and will record based on motion detection and configured settings.

6.2. App Control and Live View

The mobile app provides comprehensive control over your camera.

- **Live Video Function:** Access real-time video streaming from the camera (up to 25 meters range). This is useful for aiming the camera or checking activity.
- **Settings Adjustment:** Modify camera settings such as resolution (4K video, 30MP photos), detection sensitivity, time-lapse, and more directly from your phone.
- **File Management:** View, download, or delete captured photos and videos from the micro SD card.

6.3. Recording Modes and Settings

Configure the camera to capture content as desired:

- **Photo Mode:** Captures still images. Set resolution (up to 30 Megapixels), burst shots, and delay.
- **Video Mode:** Records video clips. Set resolution (up to 4K AVI), video length, and audio recording.
- **Photo + Video Mode:** Captures a photo followed by a video clip when triggered.
- **Time-Lapse Mode:** Captures images at set intervals, regardless of motion.
- **PIR Interval:** Sets the delay between motion detections to prevent excessive recording of the same event.
- **Operating Hours:** Define specific times of day the camera should be active.

7. MAINTENANCE

- **Cleaning:** Gently wipe the lens and solar panel with a soft, dry cloth. Do not use abrasive cleaners.
- **Battery Check:** If using backup batteries, check their charge periodically, especially before long deployments.
- **SD Card Management:** Regularly back up and format your micro SD card to ensure optimal performance and prevent data corruption.
- **Firmware Updates:** Check the manufacturer's website or app for any available firmware updates to improve camera performance and features.

8. TROUBLESHOOTING

Problem	Possible Cause / Solution
Camera not turning on.	Check solar panel exposure. Ensure backup batteries (if used) are correctly installed and charged. Power switch might be in OFF position.
No photos/videos captured.	Micro SD card full or not formatted. PIR sensitivity too low. Camera in SETUP mode instead of ON/MONITOR. Insufficient light for night vision.
Poor image/video quality.	Lens is dirty. Incorrect resolution settings. Insufficient light. Camera movement.

Problem	Possible Cause / Solution
Cannot connect via App.	Bluetooth/Wi-Fi not enabled on phone. Incorrect Wi-Fi password. Camera too far from phone (max 25m for live view). Camera not in SETUP mode.
Solar panel not charging.	Panel is dirty or obstructed. Not enough direct sunlight. Panel or internal charging circuit fault.

If the problem persists, please refer to the official Camouflage support resources.

9. SPECIFICATIONS

Feature	Detail
Model Name	EZ-SOLAR
Video Resolution	4K (AVI)
Still Resolution	30 Megapixels
Display	3-Inch
Memory	Micro SD card (not included)
Infrared LEDs	42
Connectivity	Bluetooth, Wi-Fi
Power Source	Solar Powered
Live Video Range	Up to 25 meters
Item Weight	2 pounds
Dimensions	6 x 5 x 5 inches (Package Dimensions)

10. WARRANTY AND SUPPORT

The Camouflage EZ-Solar-WiFi Wildcamera comes with a standard manufacturer's warranty. Please refer to the warranty card included in your package or visit the official Camouflage website for detailed warranty terms and conditions.

For technical support, troubleshooting assistance, or inquiries about replacement parts, please contact Camouflage customer service through their official website or the contact information provided with your purchase. Always provide your product model number (EZ-SOLAR) and purchase date when seeking support.

This manual is subject to change without prior notice. The latest version can be found on the manufacturer's website.