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> IZEEKER Trail Camera Solar, 4K 48MP Game Cameras with Night Vision Motion Activated IP66 Waterproof, 0.1s Trigger Time, High Capacity Built-in Lithium Battery for Wildlife Watching with 32GB SD Card Camouflaged

IZEEKER iG420

IZEEKER Trail Camera Solar (Model: iG420) - Instruction Manual

Your Virtual Eye Capturing Wildlife World

1. INTRODUCTION

This manual provides comprehensive instructions for the setup, operation, maintenance, and troubleshooting of your IZEEKER Trail Camera Solar (Model: iG420). Please read this manual thoroughly before using the camera to ensure proper function and longevity of the device. This camera is designed for outdoor use, specifically for wildlife monitoring and game trailing, capturing high-resolution photos and videos with motion activation and night vision capabilities.

2. WHAT'S IN THE BOX

Upon unboxing your IZEEKER Trail Camera, verify that all components are present:

- 1 x iG420 Solar Trail Camera
- 1 x 32GB SD Card (Preinstalled)
- 1 x Charging Cable
- 1 x User Manual
- 1 x Mounting Strap



In the Package

Figure 2.1: Included components of the iZEEKER Trail Camera Solar package. The image displays the camouflaged camera unit, a 32GB SD card, a USB charging cable, a user manual, and a mounting strap.

3. SETUP GUIDE

3.1 Initial Charging

Before first use, fully charge the built-in lithium-ion battery for at least 8 hours using the provided USB cable. The charging

indicator light will turn green when fully charged.

Your browser does not support the video tag.

Video 3.1: Quick Setup Guide - iZEEKER 4K Solar Trail Camera iG420. This video demonstrates the initial charging process and basic setup steps for the camera.

3.2 Battery Installation (Optional Backup)

While the camera has a built-in rechargeable battery and solar panel, you can insert 4 AA batteries (not included) as a backup power source for extended use, especially in low-light conditions. Ensure correct polarity when inserting batteries.

3.3 SD Card Insertion and Formatting

Your camera comes with a 32GB SD card preinstalled. For optimal performance and to prevent data corruption, it is recommended to format the SD card upon first use. The camera supports SD, SDHC, and SDXC cards up to 128GB. Micro SD cards with adapters are not supported.

3.4 Powering On and Initial Settings

Slide the power switch to the "ON" position. The camera's LCD screen will activate. You will be prompted to select your language and set the current time and date. It is crucial to set these accurately for proper timestamping of your recordings.



Figure 3.1: Internal view of the camera with the LCD screen and control buttons. The keypad lights up for easier operation in low light.

3.5 Mounting the Camera

Use the provided mounting strap to secure the camera to a tree or post. Ensure the solar panel is positioned to receive maximum direct sunlight. The camera also features a tripod mount for alternative installation. The front-facing lens and LCD screen allow for easy aiming during mounting.

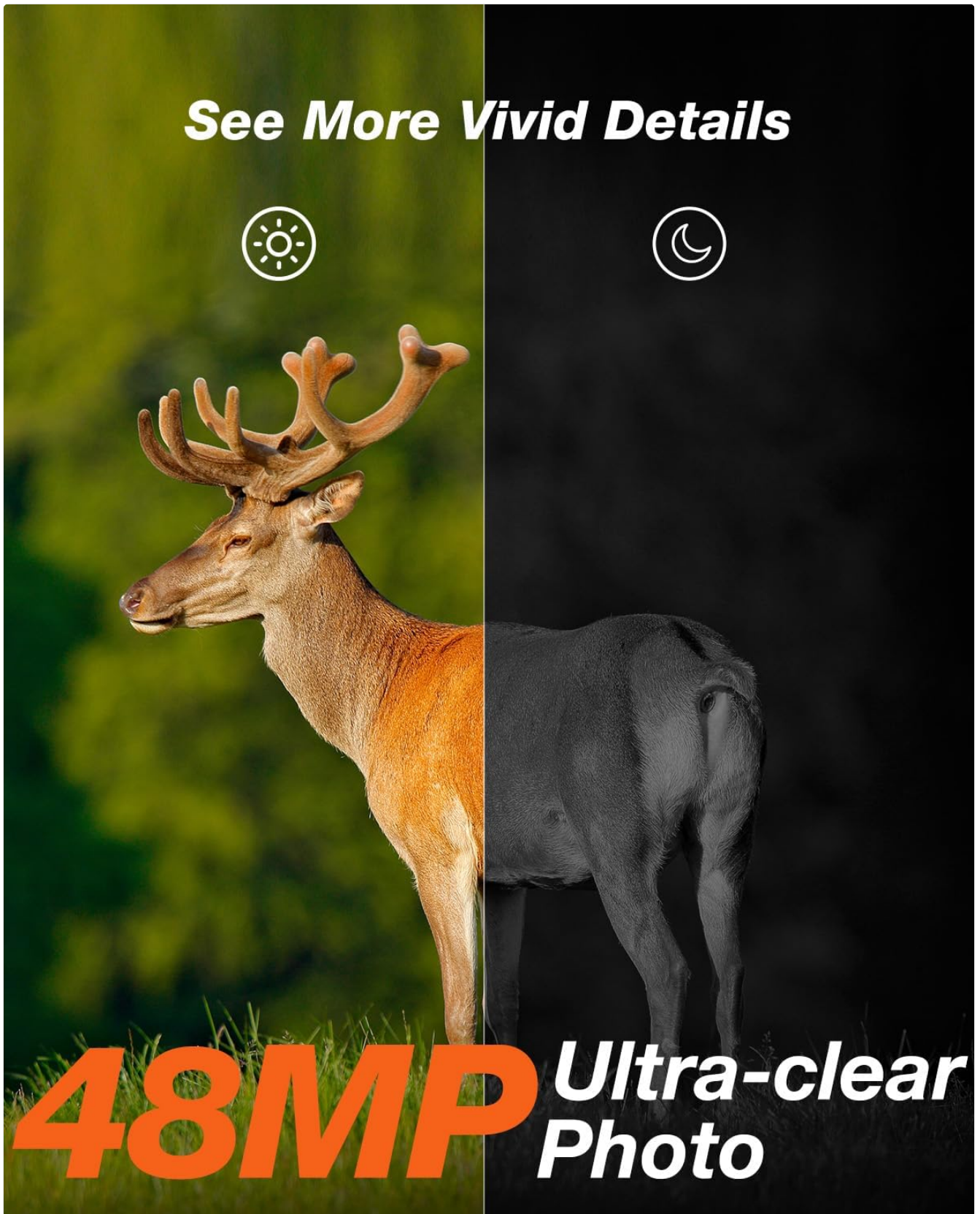


Figure 3.2: The iZEEKER Trail Camera mounted on a tree, showcasing its camouflaged design and integrated solar panel for continuous power.

4. OPERATING INSTRUCTIONS

4.1 Modes of Operation

The iG420 offers multiple operating modes:

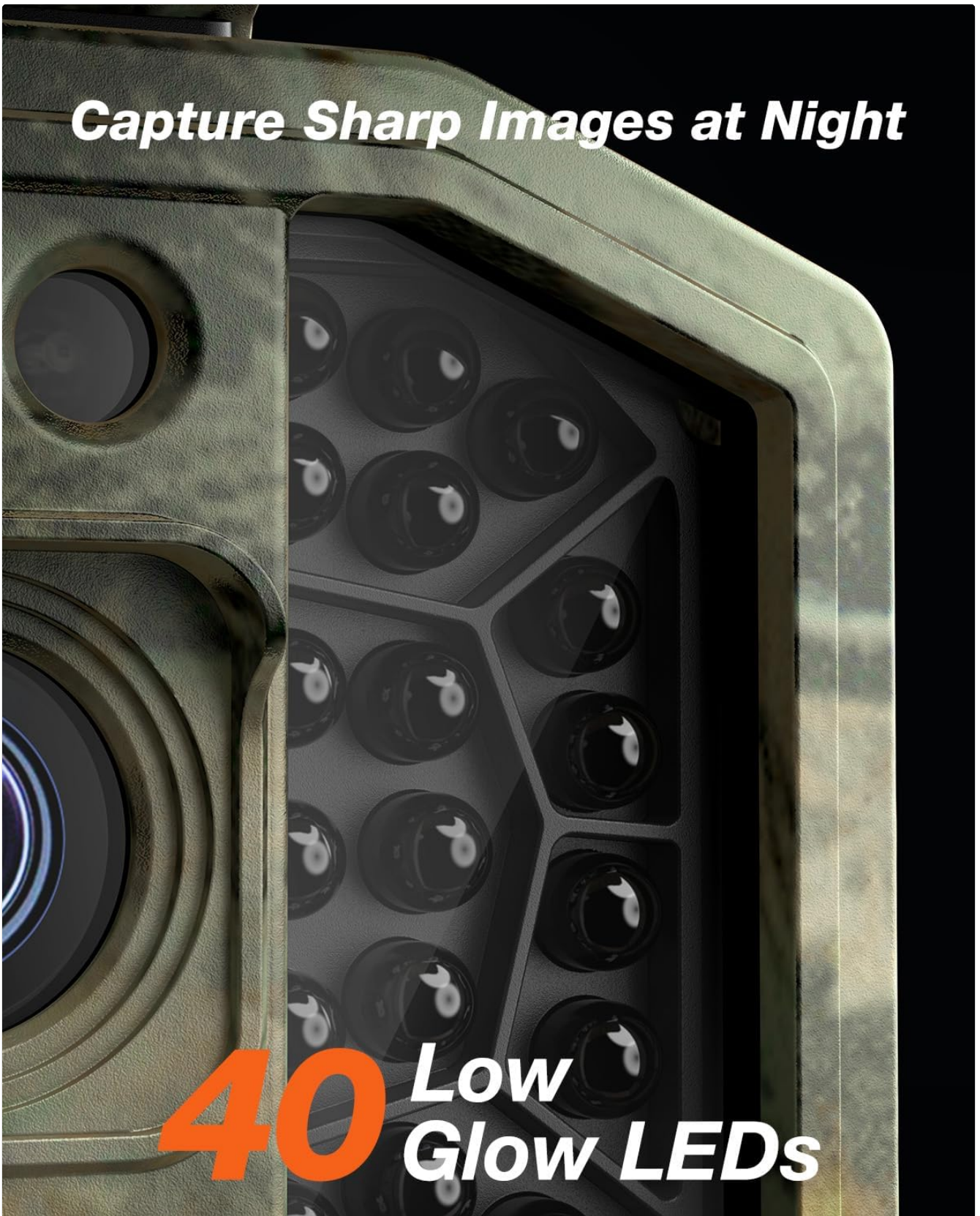
- **Photo Mode:** Captures still images.
- **Video Mode:** Records video clips with audio.
- **Photo + Video Mode:** Captures a still image followed by a video clip.
- **Time Lapse Mode:** Takes photos at set intervals, useful for observing long-term events.

Navigate through the menu using the arrow buttons and press OK to select your desired mode.

4.2 Capturing Photos and Videos

The camera features a sensitive PIR (Passive Infrared) sensor that detects motion within its range. Upon detection, the camera triggers instantly within 0.1 seconds to capture footage according to your selected mode. The PIR interval can be set to as short as 2 seconds to ensure no moments are missed.

Capture Sharp Images at Night



40 ***Low
Glow LEDs***

Figure 4.1: The camera's ultra-fast 0.1s trigger speed ensures that even fast-moving subjects like this cheetah are captured.

4.3 Night Vision Capabilities

Equipped with 40 850nm low glow infrared LEDs, the camera captures clear images and footage even in complete darkness. These LEDs provide illumination without startling wildlife.

Screen & Lens on the Same Side



EASY to Aim and Use

Figure 4.2: Detail of the 40 low glow infrared LEDs, crucial for capturing clear images and videos at night without visible light.

4.4 Video and Photo Resolution

The camera supports various resolutions:

- **Video:** 4K, 2K, 1080P, 720P, 480P. (AVI format)
- **Photo:** Up to 48MP.

Adjust these settings in the menu to balance image quality with storage space. Higher resolutions consume more memory.

Clearer and Smoother



Figure 4.3: Example of 4K Ultra HD video quality, capturing vivid details of wildlife.

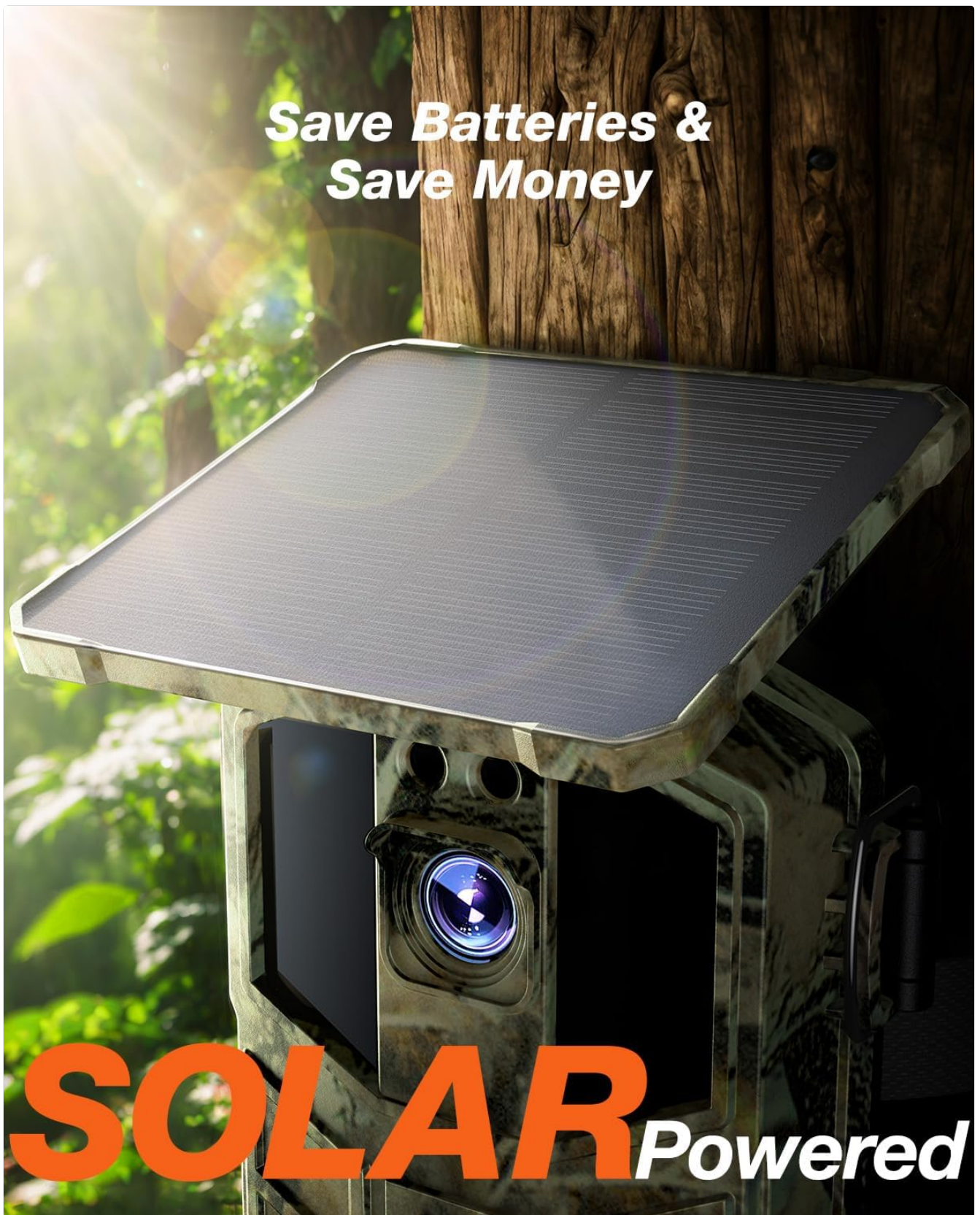


Figure 4.4: Example of 48MP ultra-sharp photo quality, showing clear details of a deer.

5. MAINTENANCE

5.1 Cleaning the Camera

Regularly clean the camera lens and solar panel with a soft, dry cloth to ensure optimal performance. Avoid using abrasive materials or harsh chemicals that could scratch the surfaces.

5.2 Battery Management

The integrated solar panel provides continuous power, significantly extending battery life. However, if using backup AA batteries, monitor their charge level via the LCD screen and replace them when low to prevent interruption of recordings. The camera supports continuous loop recording, overwriting old files when the SD card is full, which helps maintain continuous operation without manual intervention.

5.3 Weather Protection

The camera is built with IP66 waterproof material, making it suitable for use in various weather conditions, including rain. Ensure all latches are securely closed to maintain its waterproof integrity.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Camera not powering on	Low battery or incorrect battery installation.	Charge the built-in battery. Ensure AA batteries (if used) are inserted correctly with proper polarity.
Poor image/video quality	Dirty lens, low light, or incorrect resolution settings.	Clean the lens. Adjust resolution settings. Ensure adequate light for daytime or proper night vision activation.
Camera not recording motion	PIR sensor obstructed, incorrect PIR sensitivity, or subject outside detection range.	Clear any obstructions from the PIR sensor. Adjust PIR sensitivity in settings. Reposition camera closer to the target area.
SD card error	SD card not formatted, corrupted, or incompatible.	Format the SD card in the camera menu. Try a different compatible SD card (SD, SDHC, SDXC up to 128GB).

7. SPECIFICATIONS

- **Model Name:** iG420
- **Photo Resolution:** Up to 48MP
- **Video Resolution:** 4K, 2K, 1080P, 720P, 480P (AVI format)
- **Trigger Time:** 0.1s
- **Night Vision:** 40 x 850nm Infrared LEDs
- **Waterproof Rating:** IP66
- **Power Source:** Integrated Solar Panel, Built-in Lithium-ion Battery (2600mAh), Optional 4 x AA Batteries
- **Storage:** Supports SD, SDHC, SDXC cards up to 128GB (32GB included)
- **Display:** 2.0" LCD Screen
- **Dimensions:** 5.6 x 4.2 x 3.7 inches
- **Weight:** 1.3 pounds

8. WARRANTY AND SUPPORT

iZEEKER offers continuous support for a lifetime. For any inquiries or assistance, please contact customer service. The product also comes with a 30-day hassle-free return and exchange policy.

- **Customer Service:** Prompt replies within 24 hours.
- **Returns/Exchanges:** 30 days hassle-free.