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Hrivcam Solar Trail Camera

Hrivcam Solar Trail Camera User Manual

Model: Solar Trail Camera

Brand: Hrivcam

1. Introduction

Thank you for choosing the Hrivcam Solar Trail Camera. This manual provides detailed instructions for setting up, operating, and maintaining your camera to ensure optimal performance. This camera is designed for outdoor wildlife detection, monitoring, and security applications, offering high-resolution imaging and long-lasting power.

2. What's in the Box

Please check the package contents to ensure all items are present:

- Hrivcam Solar Trail Camera
- 64GB Memory Card
- USB Type-C Cable
- Mounting Strap
- Threaded Tripod
- Screw Accessories
- User Manual



Image: All components included in the Hrivcam Solar Trail Camera package.

3. Product Features

- **Solar Powered & 5000mAh Battery:** Equipped with a built-in 5000mAh rechargeable battery and a top-mounted solar panel for extended usage and reduced battery consumption.
- **4K Video & 64MP Still Photos:** Captures stunning UHD 4K video with audio and high-resolution 64MP still images, ensuring clear and detailed recordings.
- **130-degree Wide-Angle Night Vision:** Provides adaptive lighting for clear night vision up to 100 feet with a wide 130-degree viewing angle, ideal for capturing wildlife without interference.
- **IP67 Waterproof:** Features a bottom-opening battery compartment and IP67 waterproof rating, ensuring reliable operation in various weather conditions.
- **Instant Shot Activation:** Flexible activation technology ensures accurate capture of dynamic wildlife moments, day or night.
- **Additional Features:** Includes timestamp, custom monitoring period, password protection, and loop recording for enhanced functionality and security.



Image: Front view of the Hrivcam Solar Trail Camera, showcasing its design and key components.



Image: The camera's solar panel and 5000mAh battery capacity, illustrating its self-sustaining power.



Image: The camera's IP67 waterproof design, ensuring durability in wet conditions.

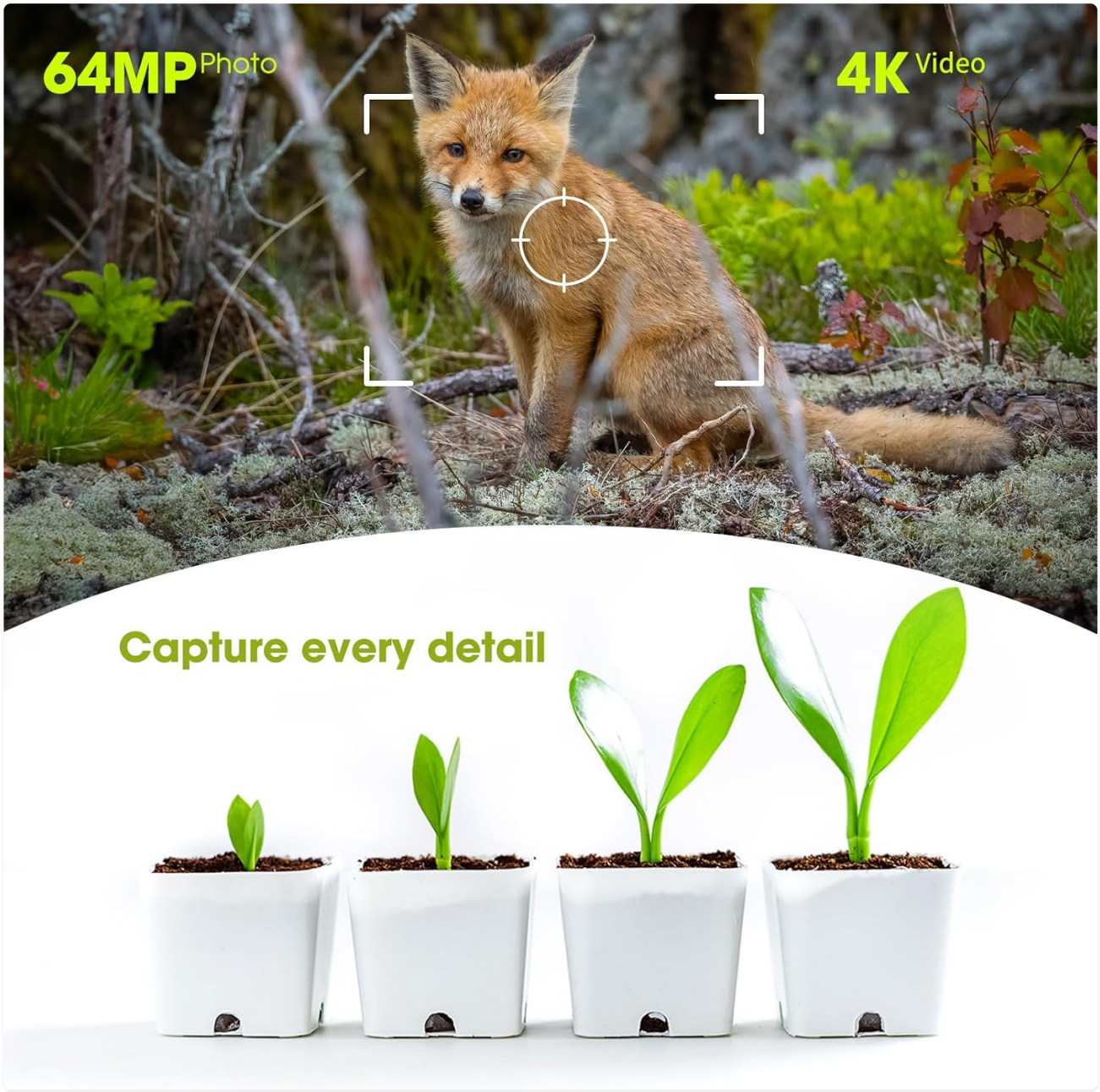


Image: Visual representation of the camera's 64MP photo and 4K video capture quality.



Image: Demonstrating the camera's effective night vision and daytime capabilities.

4. Setup

4.1 Initial Charge

Before first use, fully charge the camera's built-in 5000mAh battery using the provided USB Type-C cable. Connect the cable to the camera's Type-C port and a standard USB power adapter (not included). The charging indicator light will show the charging status.



Image: The camera connected to a power source via its Type-C charging port.

4.2 Inserting Memory Card

Locate the SD card slot on the side of the camera. Insert the provided 64GB memory card into the slot until it clicks into place. Ensure the card is inserted in the correct orientation.

4.3 Mounting the Camera

The camera comes with a mounting strap and a threaded tripod for flexible installation. Choose a location that provides a clear view of the area you wish to monitor. Ensure the solar panel is exposed to direct sunlight for optimal charging.

- **Using the Mounting Strap:** Thread the strap through the designated slots on the back of the camera and secure it around a tree or pole.
- **Using the Threaded Tripod:** Attach the camera to the threaded tripod using the screw mount on the bottom. The tripod can be secured to a flat surface or a wall using the provided screw accessories.





Image: Examples of mounting the camera on a tree using the provided strap.

5. Operating Instructions

5.1 Powering On/Off

To power on the camera, slide the ON/OFF switch to the 'ON' position. To power off, slide the switch to 'OFF'.

5.2 Menu Navigation

Use the buttons on the camera's interface to navigate through the menu options:

- **MENU Button:** Access the camera's settings menu.
- **UP/DOWN Buttons:** Navigate through menu options or adjust settings.
- **OK Button:** Confirm selections.
- **PLAY Button:** Review captured photos and videos.
- **START Button:** Initiate recording or photo capture in certain modes.



Image: Detailed view of the camera's control buttons and display for easy navigation.

5.3 Photo/Video Modes

The camera supports both photo and video capture. You can select your preferred mode and adjust settings such as resolution (4K for video, 64MP for photos), capture delay, and multi-shot options through the menu.

5.4 Night Vision

The camera automatically switches to night vision mode in low-light conditions. The 130-degree wide-angle night vision ensures comprehensive coverage. Ensure no obstructions are in front of the camera's infrared LEDs for optimal night performance.

Video: An official Hrivcam video demonstrating the features and capabilities of the Solar Trail Camera, including its solar charging and image quality.

6. Maintenance

6.1 Cleaning

Regularly clean the camera lens and solar panel with a soft, dry cloth to ensure clear images and efficient solar charging. Do not use abrasive cleaners or solvents.

6.2 Battery Care

While the solar panel helps maintain charge, it is recommended to fully charge the internal battery periodically, especially before long deployments or during periods of low sunlight. Avoid extreme temperatures that can affect battery life.

6.3 Storage

When not in use for extended periods, store the camera in a cool, dry place. Ensure the battery is partially charged (around 50%) before storage to prolong its lifespan.

7. Troubleshooting

Problem	Possible Cause	Solution
Camera not powering on	Low battery; Switch not in ON position	Charge the battery; Ensure switch is ON
No photos/videos captured	SD card full/corrupted; Incorrect settings; PIR sensor blocked	Format/replace SD card; Check menu settings; Clear sensor area
Poor image/video quality	Dirty lens; Low light conditions; Incorrect resolution settings	Clean the lens; Adjust settings for lighting; Select higher resolution
Battery drains quickly	Insufficient solar charging; Frequent triggers; Extreme temperatures	Relocate camera for more sun; Adjust sensitivity; Avoid extreme conditions

8. Specifications

Feature	Specification
Effective Still Resolution	64 MP
Video Capture Resolution	4K
Battery Power	5000 mAh (built-in)
Power Source	Solar Powered
Water Resistance Level	IP67 Waterproof
Viewing Angle	130 Degrees
Night Vision Range	100 Feet
Flash Memory Type	SD (64GB card included)
Item Dimensions L x W x H	8 x 4.8 x 3 inches
Item Weight	1.1 pounds
Material	Acrylonitrile Butadiene Styrene (ABS)
Connectivity Technology	Powerline
Model Name	Solar Trail Camera
UPC	748743863222

9. Warranty and Support

Hrivcam provides a standard warranty for this product. Please refer to the warranty card included in your package or visit the official Hrivcam website for detailed warranty terms and conditions.
For technical support, troubleshooting assistance, or any inquiries regarding your Hrivcam Solar Trail Camera, please contact Hrivcam customer service through the contact information provided on the product packaging or the official website. When contacting support, please have your product model and purchase information ready.

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Model number, symptoms, what you tried, or the section of the manual you are using.

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Why is my HR1CAM Solar Trail Camera stuck on "APP Connecting" when I try to connect?

The provided manual for the Hrivcam Solar Trail Camera (which appears to be the HR1CAM model based on your question) does not contain specific troubleshooting steps for an "APP Connecting" issue. The manual focuses...

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