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VOOPEAK Solar Trail Camera TC19/HELIJP0711 User Manual

Model: TC19/HELIJP0711

INTRODUCTION

Thank you for choosing the VOOPEAK Solar Trail Camera. This manual provides essential information for setting up, operating, and maintaining your camera. This camera is designed for outdoor use, capturing high-quality 4K video and 48MP photos of wildlife with its integrated solar panel for extended battery life and robust IP66 waterproofing.



Image: The VOOPEAK Solar Trail Camera, featuring an integrated solar panel, mounted on a tree in a natural environment with a deer nearby. This illustrates the camera's primary use for wildlife monitoring.

SETUP GUIDE

1. Initial Battery Charging

- Before first use, fully charge the built-in rechargeable battery for 8 hours using the provided micro USB cable and a 5V wall adapter (not included).
- The integrated solar panel charges only the built-in battery, not any inserted AA batteries.
- For optimal performance in low temperatures or limited sunlight, use AA batteries as a backup power source.

Rechargeable Solar Trail Camera with Type-C Cable

- Built-in rechargeable battery
- Save hundreds of dollars in batteries



Image: The VOOPEAK Solar Trail Camera connected to a wall charger via a Type-C USB cable, indicating the internal battery charging process. This shows how to prepare the camera for use.

2. Micro SD Card Installation

- Insert a Class 10 or higher Micro SD card (maximum 32GB capacity) into the designated slot.
- Ensure the card is inserted correctly until it clicks into place.
- Activate the loop recording function in the camera settings to ensure continuous recording when the card is full.

3. Mounting the Camera

- Securely attach the camera to a tree or other stable surface using the provided mounting strap.
- Position the camera to ensure the solar panel receives adequate sunlight throughout the day.
- Adjust the camera angle to cover the desired monitoring area.

OPERATING INSTRUCTIONS

1. Powering On/Off

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

2. Mode Selection

The camera typically offers three modes: Photo, Video, and Photo+Video. Use the mode switch or menu options to select your desired recording mode.

- **Photo Mode:** Captures still images (up to 48MP) when triggered.
- **Video Mode:** Records video clips (up to 4K 30FPS) when triggered.
- **Photo+Video Mode:** Captures a photo followed by a video clip when triggered.

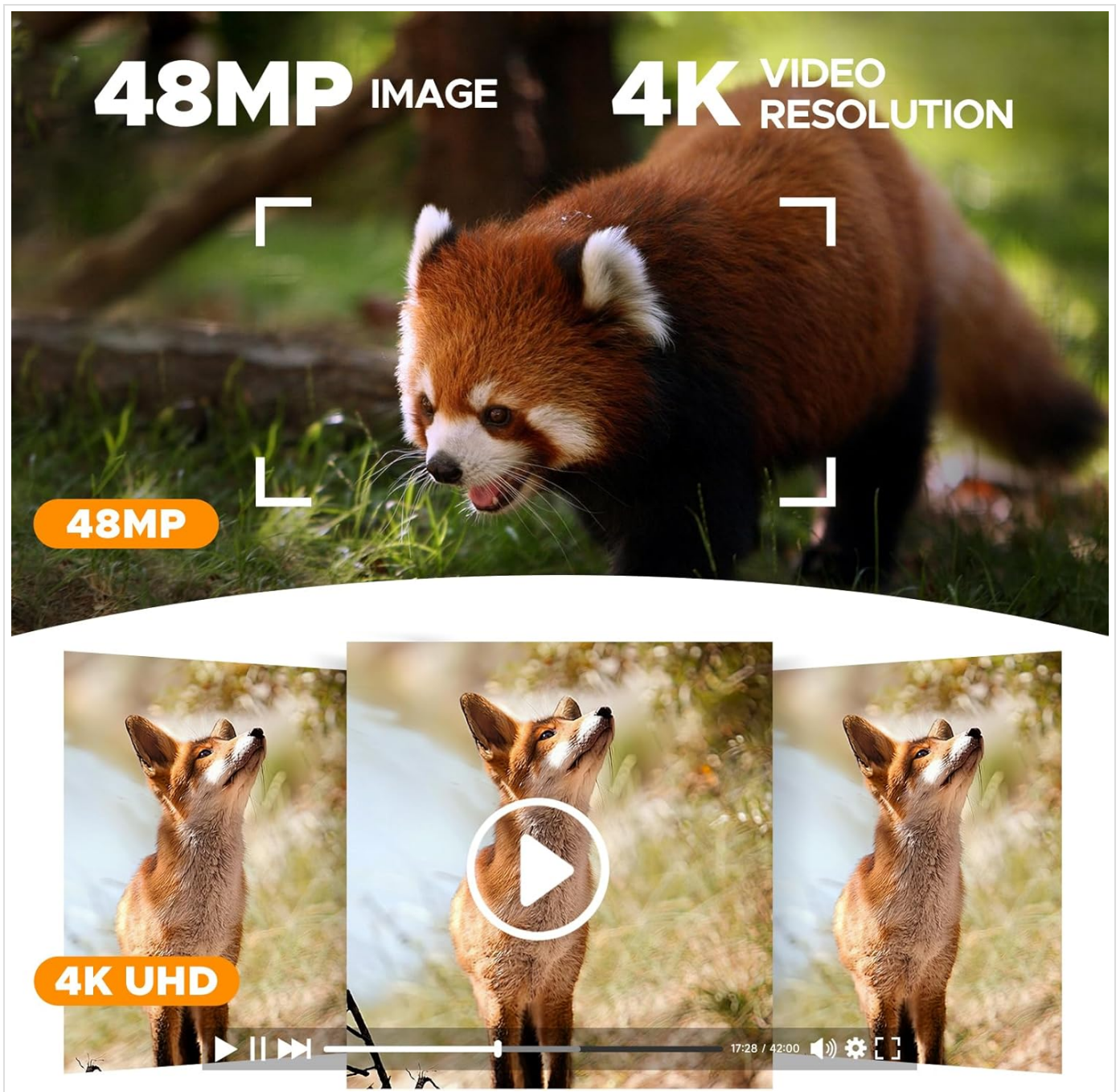


Image: A visual representation showcasing the high-quality 48MP image and 4K video resolution capabilities of the camera, with examples of captured wildlife footage.

3. PIR Sensor and Trigger Speed

The camera features a 0.1s trigger speed and a detection range of up to 20 meters (15 meters at night) to capture fast-moving subjects.

- Adjust PIR sensitivity in the settings menu to suit your environment and avoid false triggers.
- The 120° wide-angle lens ensures a broad field of view.

Fast 0.1s Trigger Speed

Never miss any movement in detection range

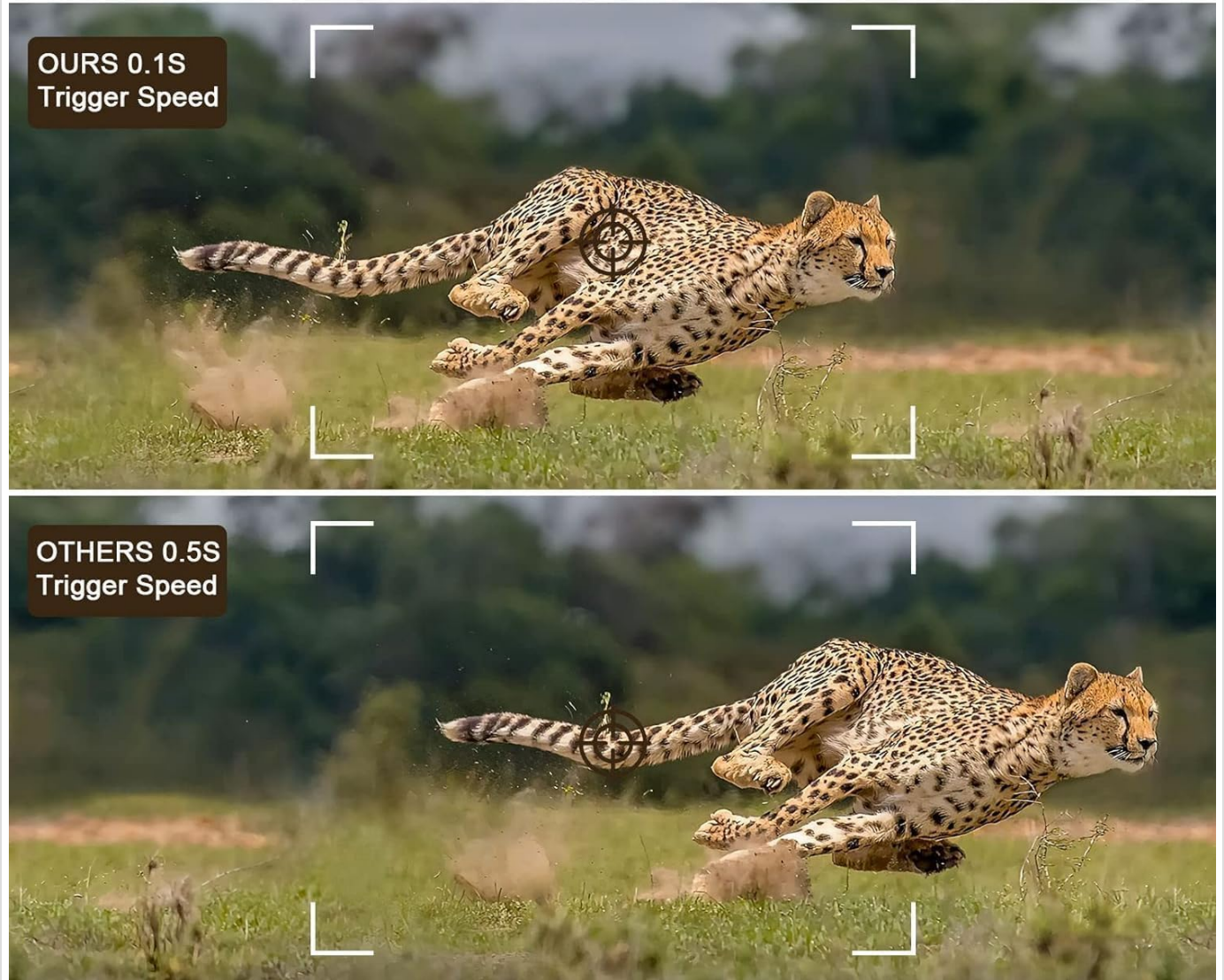


Image: A comparison demonstrating the camera's rapid 0.1-second trigger speed, capturing a fast-moving cheetah clearly, contrasted with a slower trigger speed that results in a blurred image.

4. Night Vision

Equipped with 26pcs 850nm infrared LEDs, the camera records clear images and videos in night vision without startling wildlife.

Advanced Night Vision

Wonderful night moments will never be missed



Image: The VOOPEAK Solar Trail Camera mounted on a tree, illuminating a bear at night with its advanced night vision capabilities, demonstrating its effectiveness in low-light conditions.

5. Loop Recording

The camera supports loop recording. When the Micro SD card is full, the camera continues recording by overwriting the oldest footage with new recordings.

Loop Recording

Support Micro SD card up to 128G, once the card is full, the oldest footage will be overwritten automatically



Image: A visual explanation of the loop recording feature, depicting how the camera continuously records by replacing the oldest files on the Micro SD card once its capacity is reached.

MAINTENANCE

- **Cleaning:** Regularly clean the camera lens and solar panel with a soft, dry cloth to ensure optimal performance. Avoid abrasive materials.
- **Battery Check:** Periodically check the battery level. Recharge the internal battery as needed and replace AA backup batteries when depleted.
- **SD Card Management:** Format the Micro SD card regularly to maintain optimal recording performance and prevent data corruption. Back up important footage before formatting.
- **Waterproof Seals:** Ensure all covers and seals are properly closed and free from debris to maintain the IP66 waterproof rating.

IP66 Waterproof

Protect trail camera from rain and dust damage



Image: The VOOPEAK Solar Trail Camera securely mounted on a tree during rainfall, demonstrating its IP66 waterproof design that protects it from environmental elements like rain and dust.

TROUBLESHOOTING

Camera Not Powering On

- Check if the internal battery is charged.
- Ensure AA backup batteries (if used) are inserted correctly and are not depleted.
- Verify the power switch is in the 'ON' position.

Poor Image/Video Quality

- Clean the camera lens to remove dirt or smudges.
- Ensure the camera is stable and not vibrating.
- Check lighting conditions. For night vision, ensure no obstructions block the IR LEDs.

No Recordings

- Verify that a Micro SD card is inserted and properly formatted.
- Check if the SD card is full. If loop recording is off, recordings will stop.
- Adjust PIR sensor sensitivity; it might be too low to detect movement.
- Ensure the camera is in the correct recording mode (Photo, Video, or Photo+Video).

Solar Panel Not Charging

- Ensure the solar panel is clean and free from obstructions (leaves, dirt).
- Reposition the camera to maximize direct sunlight exposure.
- Note that the solar panel only charges the internal battery, not AA batteries.

PRODUCT SPECIFICATIONS

Feature	Specification
Brand	VOOPEAK
Model Number	TC19/HELIJP0711
Recommended Use	Trail Camera
Effective Capture Resolution	48 Megapixels
Video Recording Resolution	4K
Video Capture Format	MP4
Trigger Speed	0.1 seconds
Night Vision Range	20 Meters
Viewing Angle	120 Degrees
Optical Zoom	3x
International Protection Rating	IP66
Power Source	Solar Power, Internal Rechargeable Battery, AA Batteries (backup)
Wattage	2.5 Watts
Storage	Micro SD Card (Class 10+, Max 32GB)
Item Dimensions	8 x 5 x 14 centimeters
Mounting Type	Tree Mount
Connectivity	No Wi-Fi for direct phone connection.

WARRANTY INFORMATION

VOOPEAK products are manufactured to high-quality standards. For specific warranty details, including coverage period and terms, please refer to the warranty card included with your product or contact VOOPEAK customer support. Keep your purchase receipt as proof of purchase for any warranty claims.

CUSTOMER SUPPORT

If you encounter any issues or have questions regarding your VOOPEAK Solar Trail Camera, please contact our customer support team. Refer to the contact information provided in your product packaging or visit the official VOOPEAK website for assistance.