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Coolife H881

Coolife 21MP Trail Camera User Manual

Model: H881

1. Introduction

Thank you for choosing the Coolife H881 Trail Camera. This high-performance digital scouting camera is designed for outdoor use, perfect for observing wildlife, monitoring property, or capturing time-lapse events. Featuring 21-megapixel image resolution, 1080p video recording, a 125-degree wide-angle lens, and advanced infrared night vision, it ensures clear and detailed captures day and night. Its robust IP67 waterproof design makes it suitable for various environmental conditions.



Image: The Coolife H881 Trail Camera discreetly mounted in a natural forest environment, demonstrating its intended use for outdoor monitoring.

2. Safety Information

- Always ensure the camera is powered off before inserting or removing SD cards or batteries.
- Use 1.5V alkaline batteries. 1.2V rechargeable batteries are not recommended as they may lead to rapid power consumption.
- For optimal performance and battery life, use high-performance alkaline batteries.
- The camera will not function without an SD memory card installed.
- If using an external power adapter, ensure it is 6V/1.5A (or higher amperage). Do not use adapters exceeding 6V to prevent short-circuiting.
- Keep the camera away from extreme temperatures and direct sunlight for prolonged periods.
- Do not attempt to disassemble or modify the camera, as this will void the warranty.

3. Package Contents

Please check the package contents upon unboxing:

- Coolife H881 Trail Camera
- 32GB Micro SD Card
- Mounting Strap
- USB Cable
- AV Cable
- Wall Mount Bracket
- Screws
- User Manual



Image: A visual representation of the Coolife H881 Trail Camera alongside its standard accessories, including the mounting strap, cables, and user manual.

4. Product Overview

Familiarize yourself with the main components of your Coolife H881 Trail Camera.



Image: Front view of the Coolife H881 Trail Camera, showcasing its camouflage design, lens, IR LEDs, and the included 32GB Micro SD card.

Key Components:

- **Lens:** Main camera lens for capturing images and videos.
- **Infrared LEDs:** 49 IR LEDs for clear night vision without a visible flash.
- **PIR Sensors:** Three passive infrared sensors for wide-angle motion detection (1250).
- **LCD Screen:** 2.4-inch internal screen for menu navigation and playback.
- **Control Buttons:** Buttons for navigating the menu and settings.
- **Battery Compartment:** Located at the bottom, holds 8 AA batteries.
- **SD Card Slot:** For inserting the Micro SD memory card.
- **USB Port:** For connecting to a computer.
- **DC IN Port:** For external 6V power adapter.

5. Setup

5.1. Battery Installation

1. Open the camera's latch and swing open the front cover.
2. Locate the battery compartment at the bottom of the camera.
3. Insert 8 new 1.5V AA alkaline batteries, ensuring correct polarity (+/-).
4. Close the battery compartment cover securely.

5.2. SD Card Installation

1. Ensure the camera is powered OFF.
2. Locate the SD card slot on the side of the camera.
3. Insert the provided 32GB Micro SD card into the slot until it clicks into place. The card should be inserted with the metal contacts facing the back of the camera.
4. *Important:* For first-time use, it is recommended to format the SD card within the camera's menu to ensure compatibility and optimal performance.

5.3. Powering On/Off and Mode Selection

1. Open the camera cover. You will find a 3-position switch: OFF, TEST, ON.
2. **OFF:** Power off the camera.
3. **TEST:** Enter setup mode. In this mode, you can adjust settings, view photos/videos, and manually trigger captures. The LCD screen will be active.
4. **ON:** Enter active mode. The LCD screen will turn off after a few seconds, and the camera will begin motion detection and recording according to your settings.

5.4. Basic Settings (Date & Time)

To set the date and time:

1. Switch the camera to **TEST** mode.
2. Navigate to the "Date & Time" setting in the menu.
3. Use the navigation buttons to adjust the year, month, day, hour, and minute.
4. Confirm your settings.

6. Operating Modes and Features

6.1. Image Quality and Resolution

The Coolife H881 captures high-quality images up to 21 megapixels and 1080p Full HD videos. The 8-megapixel CMOS sensor ensures clear and detailed captures.



Image: Demonstrates the camera's 21MP Ultra HD capability, showing a vibrant bird with realistic detail.



Image: A detailed close-up of a squirrel, illustrating the sharp 21MP HD image quality.

6.2. Super Night Vision

Equipped with 49 infrared LEDs, the camera provides excellent night vision, capturing clear black and white photos and videos in complete darkness without disturbing wildlife.



Image: A wolf captured at night, showcasing the camera's Super Night Vision capabilities with clear detail in low light.



Image: A deer grazing in a field at night, demonstrating the effectiveness of the camera's Super Night Vision feature.

6.3. PIR Sensor and Detection

The camera features a highly sensitive 3-zone PIR (Passive Infrared) sensor system with a 125-degree detection range and a rapid 0.2-second trigger speed. This ensures that every detected movement is captured instantly.

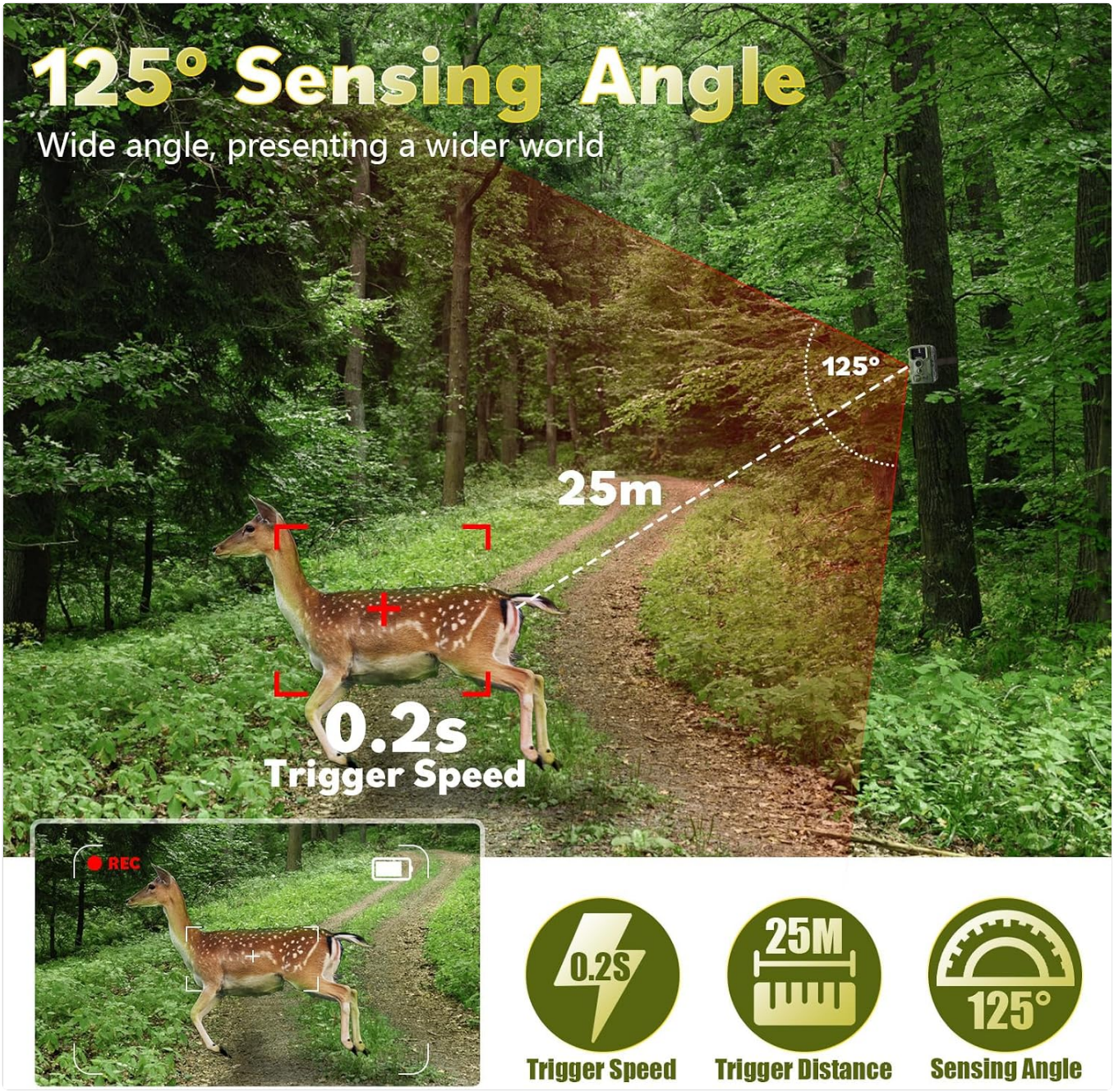


Image: A deer in a forest, visually explaining the 125-degree sensing angle and the fast 0.2-second trigger speed of the camera.



Image: A fawn captured mid-run, emphasizing the camera's quick 0.2-second trigger speed.

6.4. Durability and Weather Resistance

The camera boasts an IP67 waterproof rating, making it fearless of wind and rain. It is also dustproof, antifreeze, and heat resistant, ensuring reliable operation in diverse outdoor conditions.



Image: The camera mounted on a tree in the rain, with a bear in the foreground, highlighting its IP67 waterproof and durable design.



Image: A deer standing in the rain, emphasizing the camera's IP67 waterproof rating for reliable outdoor use.

6.5. Multifunctionality

The H881 offers a range of advanced functions for versatile monitoring:

- **Recording Trigger Delay:** Set a delay before recording starts after detection.
- **Target Recording Time:** Define specific time periods for the camera to be active.
- **Time-Lapse Recording:** Capture events over extended periods (e.g., plant blooming, sunrise/sunset).
- **Continuous Recording:** Record continuously without motion detection.
- **Audio Recording:** Capture sound with video recordings.
- **Password Protection:** Secure your camera settings with a password.
- **Information Display:** Photos and videos can display time, date, serial number, and temperature.

7. Mounting the Camera

The Coolife H881 can be mounted using the included strap or wall mount bracket.

7.1. Strap Mounting

1. Thread the mounting strap through the slots on the back of the camera.
2. Secure the camera to a tree or pole at the desired height and angle.
3. Ensure the camera is stable and not prone to movement from wind.

7.2. Wall Mount Bracket

1. Choose a suitable location on a wall or flat surface.
2. Mark the positions for drilling using the bracket as a template.
3. Drill pilot holes and secure the bracket using the provided screws.
4. Attach the camera to the bracket and adjust the angle as needed.

Tip: Position the camera to avoid direct sunlight into the lens, which can cause overexposure. Also, clear any branches or

tall grass in front of the camera that might trigger false detections.

8. Viewing Photos and Videos

8.1. On-Camera Playback

1. Switch the camera to **TEST** mode.
2. Press the "Playback" or "OK" button to enter playback mode.
3. Use the navigation buttons to scroll through your captured photos and videos.
4. Press "OK" to view a photo or play a video.

8.2. Connecting to a Computer

1. Ensure the camera is powered OFF.
2. Connect the camera to your computer using the provided USB cable.
3. The camera will appear as a removable disk drive on your computer.
4. Open the drive to access the DCIM folder, where your photos and videos are stored.
5. Alternatively, you can remove the SD card and insert it into a card reader connected to your computer.

9. Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the camera body. For the lens, use a lens cleaning cloth and solution. Do not use abrasive cleaners.
- **Battery Care:** Remove batteries if the camera will not be used for an extended period to prevent leakage.
- **SD Card:** Periodically format the SD card to maintain optimal performance and free up space. Back up important files before formatting.
- **Storage:** Store the camera in a cool, dry place when not in use.

10. Troubleshooting

Problem	Possible Cause	Solution
Camera not turning on	Low or dead batteries; incorrect battery polarity; no SD card.	Replace batteries; check polarity; insert SD card.
Poor image/video quality	Dirty lens; low light conditions; camera too far from subject.	Clean lens; ensure sufficient IR illumination at night; adjust camera placement.
No motion detection	PIR sensitivity too low; obstructions in front of sensor; camera in OFF mode.	Increase PIR sensitivity in settings; clear obstructions; switch to ON mode.
Batteries drain quickly	Using 1.2V rechargeable batteries; frequent triggers; extreme cold.	Use 1.5V alkaline batteries; adjust trigger interval; consider external power in cold.
Condensation inside lens	High humidity or rapid temperature changes.	Bring camera indoors to dry out; ensure all seals are properly closed.

11. Specifications

Feature	Detail
Model Number	H881 (02B-035C-172UK)
Image Resolution	Up to 21 Megapixels
Video Resolution	1080p Full HD
Sensor	8 Megapixel CMOS Sensor
Display Screen	2.4-inch LCD
PIR Sensing Angle	125 degrees (3-zone sensor)
Trigger Speed	0.2 seconds
Night Vision Range	20 meters (65 feet)
IR LEDs	49 (No-Glow Infrared)
Water Resistance	IP67 Waterproof
Power Supply	8x AA 1.5V batteries (not included) or 6V/1.5A DC external
Dimensions (L x W x H)	7.8 x 6.5 x 13 cm (approx. 3.07 x 2.56 x 5.12 inches)
Weight	650 grams (approx. 1.43 lbs)
Storage	Micro SD card (up to 32GB, 32GB included)
Material	Plastic

12. Warranty and Support

Coolife products are designed for reliability and performance. For any questions, technical support, or warranty claims, please contact Coolife customer service through the retailer's platform or the official Coolife website.
Note: Information regarding spare parts availability is not provided. Please refer to the retailer for specific return policies and warranty details.

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