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Coolife H8201

Coolife H8201 Dual Lens 4K 32MP Trail Camera

User Manual

1. Introduction

This manual provides detailed instructions for the setup, operation, maintenance, and troubleshooting of your Coolife H8201 Dual Lens Trail Camera. Designed for wildlife monitoring and outdoor surveillance, this camera captures high-quality photos and videos with advanced features like dual lens technology and rapid trigger speed. Please read this manual thoroughly before using the camera to ensure optimal performance and longevity.



The Coolife H8201 trail camera, featuring a camouflage design, is shown alongside a 32GB Netac Pro microSD card, indicating storage compatibility.

2. Product Overview & Key Features

2.1 Package Contents



A comprehensive view of all items included in the Coolife H8201 package: the trail camera, mounting strap, adjustable wall mount, USB cable, AV cable, screws, wall anchors, a 32GB SD card, and the quick user guide.

Your Coolife H8201 package should include:

- Coolife H8201 Trail Camera
- Mounting Strap
- Adjustable Wall Mount
- USB Cable
- AV Cable
- Screws and Wall Anchors
- 32GB MicroSD Card
- Quick User Guide

2.2 Key Features

- **Unique Dual Camera Design:** The H8201 features an innovative dual-camera system. An 8-megapixel HD

camera operates during the day, while a highly sensitive starlight night vision camera activates at night. This design ensures excellent low-noise, high-resolution night vision, surpassing conventional single-camera systems.



An illustrative diagram highlighting the dual lens technology of the Coolife H8201 camera, emphasizing its separate lenses for day and night operation to enhance image clarity.

- **4K HD Videos & 32MP Photos with 130° Wide Angle:**Capture stunning 4K video and high-quality 32MP still images. The starlight night vision camera records high-brightness, high-definition, and low-noise black & white Full HD videos at night. A 130-degree ultra-wide angle lens allows for extensive monitoring of wildlife.



A clear black and white image of a buffalo drinking water at night, showcasing the high-brightness, high-definition, and low-noise performance of the camera's starlight night vision.

- **0.1s Fast Trigger Speed & 25m Detection Distance:** Equipped with three advanced PIR sensors, the camera boasts an incredibly fast 0.1-second trigger speed from the central PIR sensor. It can detect motion up to 25 meters away, ensuring you capture every significant moment.



The camera mounted on a tree, capturing a deer at a distance, visually representing its 25-meter trigger range and 130-degree wide-angle detection capability.

- **Automatic Dimm-IR Technology:** The newly updated Dimm-IR technology allows the camera's image sensor to automatically adjust to the infrared light brightness, optimizing the captured image brightness at night and conserving power.



A detailed graphic illustrating the upgraded infrared LED component, which improves night illumination while minimizing overexposure for better night images.

- **Multifunctional Capabilities:** The H8201 offers various functions including delay timer, target recording time, timelapse, endless recording, audio recording, and password protection. You can also set the time, date, serial number, and temperature for detailed record-keeping.
- **IP66 Waterproof & Dustproof:** Built to withstand harsh outdoor environments, the camera is rated IP66 for excellent water and dust resistance.



The trail camera is shown attached to a tree in a rainy forest environment, illustrating its IP66 waterproof and dustproof design suitable for harsh outdoor conditions.

3. Setup

3.1 Battery Installation

The Coolife H8201 camera requires 8 AA batteries (not included). For best performance and longer battery life, we recommend using high-quality alkaline or rechargeable NiMH batteries.

1. Open the camera housing by unlatching the side clips.
2. Locate the battery compartment at the bottom of the camera.
3. Insert 8 AA batteries according to the polarity indicators (+/-) inside the compartment.
4. Close the battery compartment securely.

3.2 MicroSD Card Insertion

The camera supports MicroSD cards up to 256GB. A 32GB MicroSD card is included in your package.

1. With the camera housing open, locate the MicroSD card slot on the side of the camera.

2. Insert the MicroSD card with the gold contacts facing down until it clicks into place.
3. To remove the card, push it in gently until it clicks, then release, and it will spring out.

3.3 Mounting the Camera

The camera can be mounted using the included strap or the adjustable wall mount.

Using the Mounting Strap:

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 pointed towards the area you wish to monitor.

Using the Adjustable Wall Mount:

1. Attach the wall mount to a sturdy surface (wall, fence post) using the provided screws and wall anchors.
2. Secure the camera to the mount using the screw thread at the bottom of the camera.
3. Adjust the angle of the camera using the mount's articulation points.

4. Operating the Camera

4.1 Powering On/Off

To power on the camera, slide the power switch (usually located inside the camera housing) from OFF to ON. To power off, slide the switch back to OFF.

4.2 Mode Selection

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

- **Photo Mode:** Captures still images when triggered.
- **Video Mode:** Records video clips when triggered.
- **Photo+Video Mode:** Captures a still image followed by a video clip when triggered.

4.3 Menu Navigation and Settings

Access the camera's menu to configure various settings such as resolution, trigger interval, PIR sensitivity, time, date, and more. Use the navigation buttons (up, down, left, right, OK/Menu) to browse and select options.

4.4 Capturing Media

Once configured and placed, the camera will automatically capture photos or videos when motion is detected by its PIR sensors. The 0.1s trigger speed ensures quick capture of moving subjects.

4.5 Viewing Captured Media

You can view captured photos and videos directly on the camera's internal screen (if available) or by connecting the camera to a computer using the USB cable. Alternatively, remove the MicroSD card and insert it into a card reader connected to your computer or compatible device.

5. Maintenance

- **Cleaning:** Regularly clean the camera lens and PIR sensors with a soft, dry cloth to ensure clear images and proper motion detection. Avoid using abrasive cleaners.
- **Battery Care:** Replace batteries when the low battery indicator appears. If storing the camera for an extended period, remove the batteries to prevent leakage and damage.
- **SD Card Management:** Periodically format the MicroSD card to maintain optimal performance and prevent data corruption. Back up important files before formatting.
- **Environmental Protection:** While the camera is IP66 waterproof and dustproof, avoid submerging it in water. Ensure all latches are securely closed when deployed in wet or dusty conditions.

6. Troubleshooting

- **Camera Not Powering On:**
  - Check if batteries are inserted correctly with correct polarity.
  - Ensure batteries have sufficient charge.
  - Verify the power switch is in the 'ON' position.
- **No Photos/Videos Captured:**
  - Ensure the MicroSD card is inserted correctly and has sufficient free space.
  - Check PIR sensitivity settings; increase if necessary.
  - Verify the camera is in the correct operating mode (Photo, Video, or Photo+Video).
  - Ensure the camera is not placed behind obstacles that block the PIR sensors.
- **Poor Night Vision Quality:**
  - Ensure the lens and IR LEDs are clean and free from obstructions.
  - Check battery level, as low power can affect IR performance.
  - Ensure the Dimm-IR technology is functioning correctly (automatic adjustment).
- **Short Battery Life:**
  - Use high-quality alkaline or rechargeable NiMH batteries.
  - Reduce the number of photos/videos captured by adjusting trigger interval or PIR sensitivity.
  - Extreme temperatures can affect battery performance.
- **Date/Time Incorrect:**
  - Access the camera's menu settings to manually set the correct date and time.

7. Specifications

Feature	Specification
Model Number	H8201
Photo Resolution	Up to 32MP
Video Resolution	Up to 4K
Viewing Angle	130 degrees
Trigger Speed	0.1 seconds (central PIR)
Detection Distance	Up to 25 meters

Feature	Specification
Night Vision	Starlight Night Vision, Automatic Dimm-IR Technology
Water Resistance Level	IP66 Waterproof
Power Source	8 x AA Batteries (not included)
Material	Plastic
Item Dimensions (L x W x H)	8.5 x 5.2 x 13.6 cm
Weight	300 grams
Connectivity Technology	No Wireless Communication
Recommended Uses	Motion Detection, Night Vision, Wildlife Monitoring

8. Warranty and Support

Coolife is committed to providing high-quality products and excellent customer service. While specific warranty details are not provided in this manual, Coolife has a long-standing reputation for reliable products and attentive support. For any questions, technical assistance, or support inquiries regarding your H8201 Trail Camera, please refer to the contact information provided with your purchase or visit the official Coolife website.

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