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Coleman CHD200

Coleman CHD200 1080p HD Xtreme Trail Camera User Manual

Model: CHD200

Introduction Setup Operating Maintenance Troubleshooting Specifications Warranty Support

1. Introduction

The Coleman CHD200 1080p HD Xtreme Trail Camera is designed for outdoor surveillance, wildlife monitoring, and security applications. This manual provides detailed instructions for setting up, operating, and maintaining your camera to ensure optimal performance.



Front view of the Coleman CHD200 trail camera in camouflage, showcasing its compact and rugged design.

2. Setup

2.1 Unboxing and Components

Verify that all components are present in the package: Coleman CHD200 camera, mounting strap, USB cable, and user manual.

2.2 Battery Installation

1. Open the camera casing by unlatching the side clips.
2. Locate the battery compartment.
3. Insert 4xAA batteries into the designated slots, ensuring correct polarity (+/-).
4. Close the battery compartment cover securely.



This image shows the interior of the Coleman CHD200 trail camera with the battery compartment open, revealing slots for 4xAA batteries. The 2-inch color LCD screen is also visible.

2.3 SD Card Insertion

1. Locate the SD card slot, typically near the battery compartment.
2. Insert a compatible SD card (up to 32GB, not included) into the slot until it clicks into place. Ensure the card is inserted in the correct orientation.

2.4 Mounting the Camera

The camera offers versatile mounting options:

- **Strap Mounting**: Thread the provided mounting strap through the slots on the back of the camera. Secure the camera to a tree or pole at the desired height and angle.
- **Tripod Mounting**: The camera features a standard 1/4"-20 tripod mount on its base. Attach the camera to a compatible tripod for flexible positioning.



This image displays the bottom of the Coleman CHD200 trail camera, clearly showing the threaded tripod mount for secure attachment to a tripod.



This image illustrates the Coleman CHD200 trail camera mounted on a tripod, demonstrating its versatility for placement.



This image shows the Coleman CHD200 trail camera securely mounted to a tree using its strap, observing a deer in its natural habitat.

2.5 Initial Power-On

After installing batteries and an SD card, close the casing securely. Switch the camera to the "ON" position. The 2-inch color LCD screen will activate, allowing you to configure settings.

3. Operating the Camera

3.1 Understanding Camera Modes

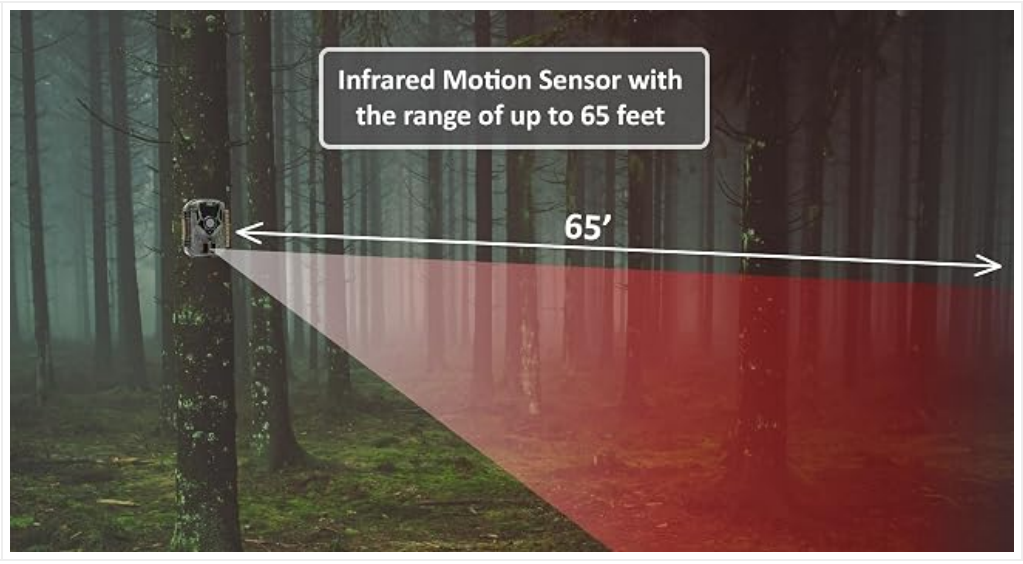
The camera typically offers Photo, Video, and Photo+Video modes. Select your desired mode using the control buttons and the 2-inch LCD screen for navigation.



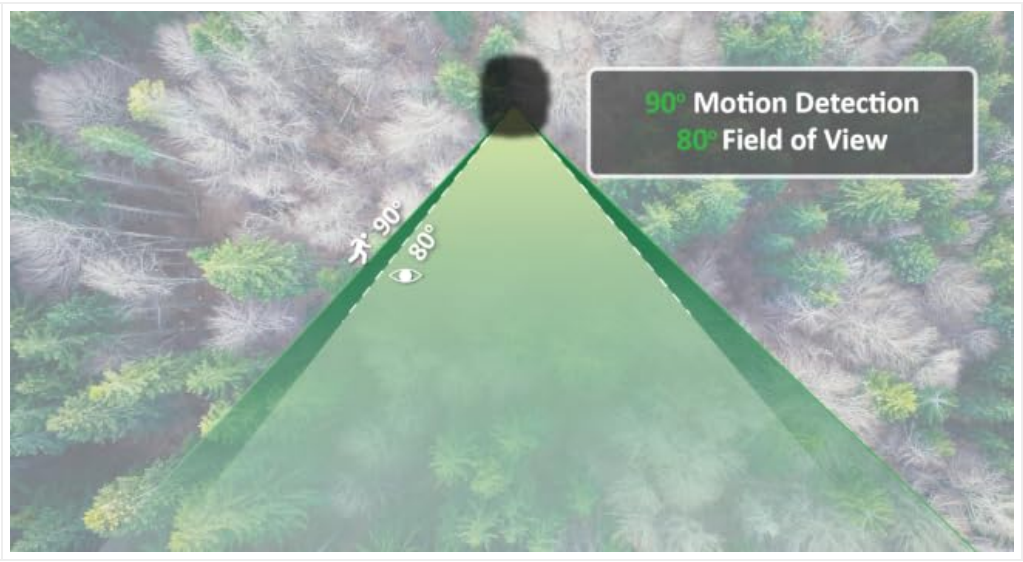
This image shows the interior of the Coleman CHD200 trail camera with the 2-inch color LCD screen displaying an image of a deer, indicating its functionality for viewing and setup.

3.2 Motion Detection and Triggering

The camera features an infrared motion sensor with a 90° PIR angle and a detection range of up to 65 feet. When motion is detected within this range, the camera will trigger to capture media.



This graphic illustrates the infrared motion sensor's detection range, extending up to 65 feet from the camera in a forest environment.



This diagram provides an aerial view, showing the camera's 90-degree motion detection angle and its 80-degree field of view, crucial for effective placement.

3.3 Fast Trigger Speed

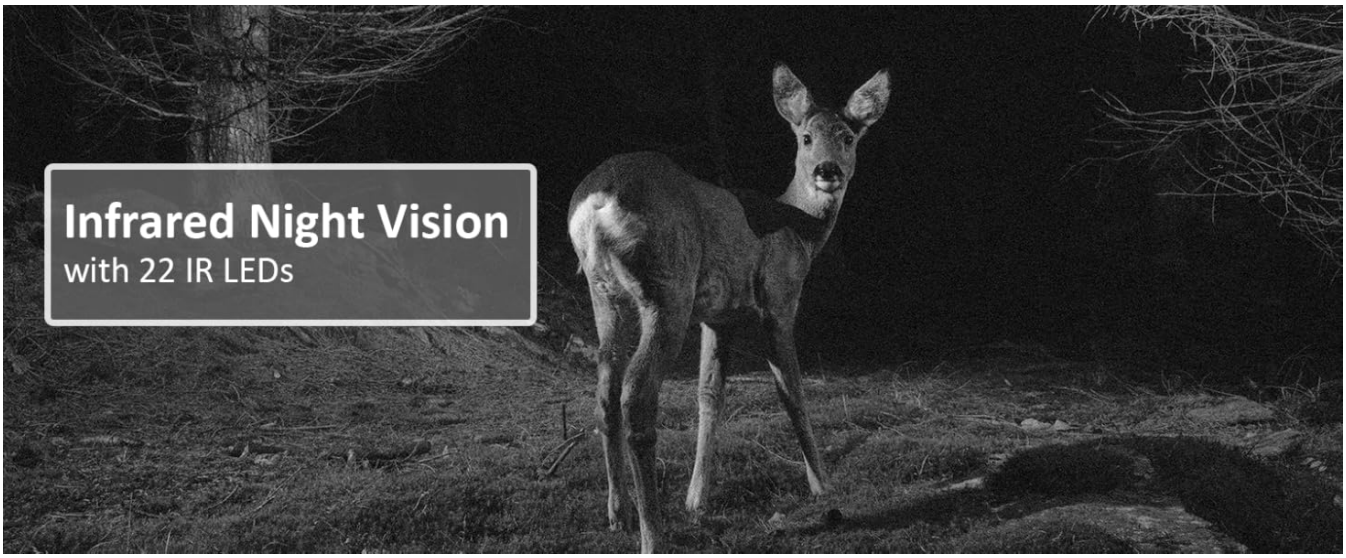
The camera boasts a 0.4-second trigger speed, minimizing delays between motion detection and image/video capture, ensuring you don't miss fast-moving subjects.



This image compares the Coleman CHD200's 0.4-second trigger time with slower alternatives, using a cheetah in motion to demonstrate its quick response.

3.4 Night Vision

Equipped with 22 hi-intensity Infrared LEDs, the camera provides clear black-and-white images and videos in low-light or nighttime conditions without disturbing wildlife.



This image showcases the camera's infrared night vision capability, capturing a clear black-and-white photo of a deer in a dark forest using its 22 IR LEDs.

3.5 Video and Photo Resolution

Capture high-quality 1080p Full HD video and detailed 20-megapixel still images, providing clear visual evidence or wildlife observations.



This image visually compares different resolutions (480p, 720p, 1080p) using a fox as the subject, highlighting the superior clarity of 1080p video and 20MP photos.

3.6 Long Standby Time

The camera is designed for energy efficiency, offering up to 180 days of standby time on a single set of batteries, reducing the need for frequent battery changes.



This image depicts four seasonal scenes (winter, spring, summer, autumn) to illustrate the camera's extended standby time of up to 180 days, emphasizing its durability in various weather conditions.

4. Maintenance

4.1 Cleaning

- Regularly wipe the camera lens and PIR sensor window with a soft, dry cloth to ensure clear images and proper motion detection.
- Clean the exterior casing with a damp cloth if necessary. Avoid abrasive cleaners or solvents.

4.2 Battery Management

- Replace batteries when the low battery indicator appears on the screen.
- Always use fresh, high-quality AA alkaline or lithium batteries for optimal performance and longevity.
- Remove batteries if the camera will be stored for an extended period to prevent potential leakage and damage.

4.3 SD Card Care

- Periodically format the SD card within the camera's menu to maintain optimal performance and prevent data corruption.
- Always back up important files to a computer before formatting the SD card.

4.4 Environmental Protection

The camera has an IP65 rainproof and dustproof rating, making it suitable for outdoor use. While durable, avoid submerging the camera in water or exposing it to extreme temperatures for prolonged periods. Ensure the casing is securely latched to maintain its weather resistance.

5. Troubleshooting

5.1 Camera Not Powering On

- Check battery installation and ensure batteries are fresh and correctly oriented.
- Verify the power switch is firmly in the "ON" position.
- Ensure the SD card is correctly inserted.

5.2 No Images/Videos Captured

- Confirm the camera is in the correct operating mode (Photo, Video, or Photo+Video).
- Check PIR sensor sensitivity settings; increase if necessary.
- Ensure the camera's field of view covers the desired area and there are no obstructions.

- Verify the SD card has sufficient space and is not corrupted.

5.3 Poor Image/Video Quality

- Clean the camera lens and PIR sensor window.
- Check for any physical obstructions in front of the lens or IR LEDs.
- Ensure the camera is mounted securely to prevent movement during capture.

5.4 Short Battery Life

- Use high-quality alkaline or lithium AA batteries.
- Reduce PIR sensitivity or frequency of captures if the camera is triggering excessively due to environmental factors (e.g., swaying branches, tall grass).

5.5 SD Card Error

- Try formatting the SD card using the camera's menu.
- Test with a different, known-good SD card.
- Ensure the SD card is not locked (check the small write-protect switch on the side of the card).

6. Specifications

Feature	Detail
Model Name	CHD200
Brand	Coleman
Video Capture Resolution	1080p Full HD
Effective Still Resolution	20 Megapixels
PIR Angle	90°
Field of View (FOV)	80°
PIR Sensor Range	Up to 65 feet
Trigger Speed	0.4 seconds
Night Vision	22 Infrared LEDs
Display	2.0" Color LCD Screen
Storage	SD Card (up to 32GB)
Power Source	4xAA Batteries
Standby Time	Up to 180 days
Waterproof Rating	IP65 (Rainproof & Dustproof)
Connectivity	Mini USB
Dimensions	5 x 5 x 3 inches
Weight	1 Pound

Feature	Detail
Color	Camouflage
UPC	084438909401

7. Warranty Information

The Coleman CHD200 Trail Camera comes with a **Limited 1 Year Manufacturer Warranty**. This warranty covers defects in materials and workmanship under normal use.
Please retain your proof of purchase for any warranty claims. For specific terms and conditions, including limitations and exclusions, refer to the warranty documentation included with your product or visit the official Coleman website.

8. Customer Support

For technical assistance, troubleshooting beyond the scope of this manual, or warranty inquiries, please contact Coleman customer support.
Refer to the contact information provided on the product packaging or visit the official Coleman website for the most up-to-date support details.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

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

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