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SuntekCam B0CG55HC9F

SuntekCam Trail Camera User Manual

Model: B0CG55HC9F

Brand: SuntekCam

Introduction

This user manual provides detailed instructions for the setup, operation, and maintenance of your SuntekCam Trail Camera. Designed for wildlife monitoring, hunting, and security applications, this camera captures high-quality photos and videos with advanced features like 4K resolution, 50MP stills, and superior night vision. Please read this manual thoroughly before using the camera to ensure optimal performance and longevity.

Safety Information

- Do not expose the camera to extreme temperatures or direct sunlight for prolonged periods.
- Ensure the battery compartment is securely sealed to maintain IP66 waterproof rating.
- Use only recommended battery types (AA batteries) and SD card capacities.
- Keep the camera away from strong magnetic fields.
- Do not attempt to disassemble or repair the camera yourself. Contact support if issues arise.
- Dispose of batteries responsibly according to local regulations.

Package Contents

Verify that all items are present in your package:

- SuntekCam Trail Camera
- User Manual
- Mounting Strap
- USB Cable
- Mounting Bracket (if included in specific package)
- SD Card (if included in specific package)



Image: SuntekCam Trail Camera with included accessories such as a 32GB SD card, mounting strap, and bracket.

Product Overview

The SuntekCam Trail Camera features a robust design and advanced imaging capabilities for reliable outdoor monitoring.

Key Components

- **Lens:** High-resolution optical lens for capturing images and videos.
- **PIR Sensors:** Passive Infrared sensors for motion detection, offering a 120° wide detection angle.
- **Infrared LEDs:** 36pcs 850nm low-glow infrared LEDs for clear night vision up to 65ft.
- **LCD Screen:** 2.4-inch color LCD for menu navigation and playback.
- **Control Panel:** Buttons for menu, navigation, and selection.
- **Battery Compartment:** Holds AA batteries (not included).

- **SD Card Slot:** For memory card insertion.
- **USB Port:** For connecting to a computer.
- **OFF/TEST/ON Switch:** Power and mode selection switch.



Image: The camera's 120° super wide-angle detection system, illustrating the broad field of view captured by the 116° wide angle lens and 120° detection angle.



Image: Comparison of night vision clarity with varying numbers of infrared LEDs, demonstrating superior performance with 30-40 LEDs for a clear night vision range up to 65ft.



Image: The camera's IP66 waterproof design, shown mounted on a tree during rainfall, indicating its suitability for harsh outdoor environments.

Setup

1. Battery Installation

1. Open the camera casing by unlatching the side clips.
2. Locate the battery compartment.
3. Insert 8 AA batteries, ensuring correct polarity (+/-).
4. Close the battery compartment cover and secure the side clips firmly to maintain waterproof integrity.

2. SD Card Installation

1. With the camera powered OFF, locate the SD card slot.
2. Insert a Class 10 or higher SD card (up to 256GB recommended) into the slot until it clicks into place.

3. To remove, gently push the card in until it springs out.

3. Initial Settings (TEST Mode)

Before deployment, configure basic settings in TEST mode:

1. Slide the power switch from OFF to **TEST**. The LCD screen will turn on.
2. Press the **MENU** button to access the settings.
3. Use the navigation buttons (**UP**/**DOWN**) to scroll through options and **OK** to select.
4. Set the current Date and Time.
5. Select your preferred Language.
6. Format the SD card (this will erase all data on the card).



Image: Explanation of the camera's power switch positions: OFF (camera power off), TEST (screen on, settings configurable), and ON (infrared detect mode, screen off after 10s).

4. Mounting the Camera

The camera can be mounted using the provided strap or bracket.

- **Strap Mounting:** Thread the strap through the slots on the back of the camera and secure it around a tree or pole.
- **Bracket Mounting:** Attach the bracket to a flat surface using screws, then mount the camera onto the bracket.
- Position the camera at a height of approximately 3-6 feet (1-2 meters) from the ground, aiming towards the desired monitoring area.
- Ensure no branches or tall grass obstruct the PIR sensors or lens.

Operating Modes

The camera supports various operating modes to suit different monitoring needs.

Switching to ON Mode

After configuring settings in TEST mode, slide the power switch to **ON**. The screen will turn off after approximately 10 seconds, and the camera will enter infrared detection mode, ready to capture images or videos based on your settings.

Available Modes

- **Photo Mode:** Captures still images when motion is detected.
- **Video Mode:** Records video clips when motion is detected.
- **Photo + Video Mode:** Captures a still image followed by a video clip when motion is detected.
- **Time-Lapse Mode:** Captures images at set intervals regardless of motion.



Image: Demonstrates the superior clarity of 36MP images compared to 24MP, highlighting the camera's ability to capture ultra-clear details.

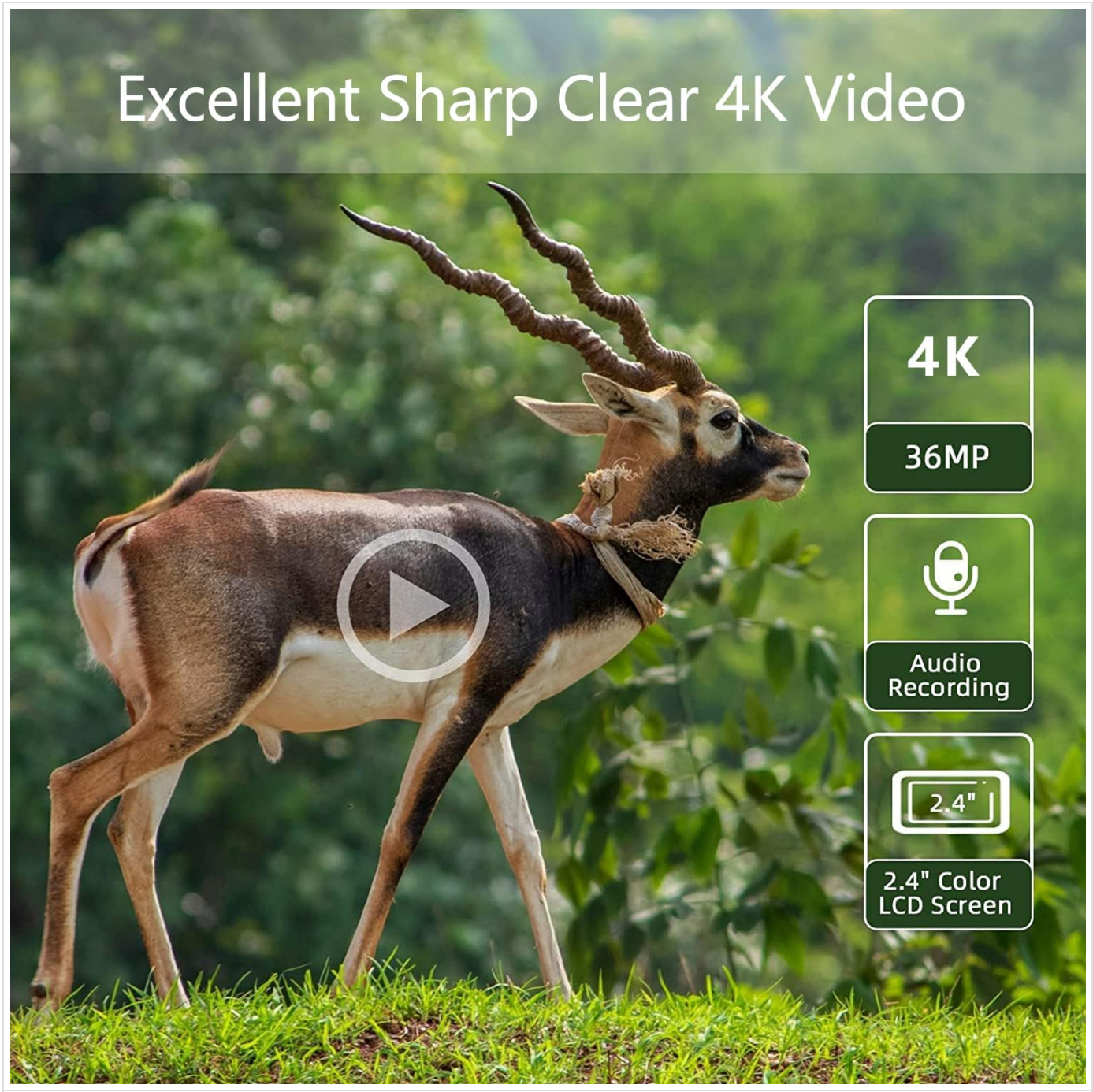


Image: Highlights the camera's capabilities for excellent sharp and clear 4K video recording, 36MP photo resolution, audio recording, and a 2.4-inch color LCD screen.

Menu Settings

Access the menu in TEST mode to customize camera behavior.

- **Mode:** Select Photo, Video, or Photo+Video.
- **Photo Resolution:** Choose from various resolutions up to 50MP.
- **Video Resolution:** Select video quality, including 4K.
- **PIR Sensitivity:** Adjust detection sensitivity (Low, Medium, High). "High" is recommended if the camera is not taking pictures.
- **PIR Interval:** Set the delay between detections (e.g., 1-3 seconds, 10 seconds).
- **IR LED Brightness:** Control the intensity of infrared illumination for night vision.
- **Time Stamp:** Enable/disable date, time, temperature, and serial number display on photos/videos.

- **Password Protection:** Set a password to prevent unauthorized access.
- **Target Recording Time:** Schedule specific times for the camera to be active.
- **Continuous Recording:** Enable continuous video recording.
- **Audio Recording:** Enable/disable audio capture with video.



Image: An exploded view of the camera's lens system, emphasizing its optical design for clear images, alongside a visual comparison of 36MP and 24MP photo quality.

Media Playback and Transfer

Viewing on Camera

In TEST mode, press the **REPLAY** button to view captured photos and videos on the LCD screen. Use navigation buttons to browse.

Transferring to Computer

- Connect the camera to your computer using the provided USB cable. The camera will appear as a removable disk.
- Alternatively, remove the SD card from the camera and insert it into a card reader connected to your computer.
- Access the DCIM folder on the SD card to retrieve your media files.



Image: A collection of sample images captured by the SuntekCam Trail Camera, showcasing its ability to record diverse wildlife in various lighting conditions, including day and night.

Official Product Videos

[redacted]

Video: "SUNTEKCAM HC-812A Hunting Camera Ultra HD Video Shooting". This video demonstrates the camera's Ultra HD video capabilities, capturing wildlife in their natural habitat.

[redacted]

Video: "SUNTEKCAM WIFI940 shooting video". This video showcases the camera's general shooting performance, including its ability to capture clear footage of animals.

Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the camera lens and body. Avoid abrasive cleaners.
- **Battery Care:** Remove batteries if the camera will not be used for an extended period to prevent leakage.
- **Storage:** Store the camera in a cool, dry place away from direct sunlight and extreme temperatures.
- **SD Card:** Regularly format the SD card to maintain optimal performance and prevent data corruption.

Troubleshooting

Problem	Possible Cause / Solution
Camera not powering on	Check battery polarity. Ensure batteries are fully charged. Try new batteries.

Problem	Possible Cause / Solution
Camera not taking pictures/videos	Ensure the camera is in ON mode. Increase PIR Sensitivity to "High". Check SD card for sufficient space or format it. Ensure PIR sensors are not obstructed.
Poor night vision images	Check battery level (low power affects IR performance). Ensure no reflective objects are too close to the camera. Adjust IR LED brightness setting.
Water inside camera	Ensure battery compartment and all ports are securely sealed. If water ingress occurs, dry immediately and contact support.
Excessive false triggers	Decrease PIR Sensitivity (e.g., to "Medium" or "Low"). Clear any moving branches or tall grass in front of the camera. Adjust PIR Interval to a longer duration.

Specifications

Feature	Detail
Photo Resolution	Up to 50 Megapixels
Video Resolution	4K (20fps), AVI format
Trigger Speed	0.2 seconds
Detection Angle	120 Degrees
Night Vision Range	Up to 65 feet (20 meters) with 850nm IR LEDs
Waterproof Rating	IP66
Display Screen	2.4-inch Color LCD
Storage	SD Card (up to 256GB, Class 10 recommended)
Power Source	8x AA Batteries (6V DC)
Operating Temperature	(Not explicitly stated, but typical for outdoor cameras) -20°C to 60°C (approx.)
Dimensions	6.54 x 4.92 x 4.29 inches (Package)
Weight	1.18 pounds

Warranty and Support

SuntekCam products are designed for reliability and performance. For warranty information, technical support, or service inquiries, please refer to the contact details provided with your purchase or visit the official SuntekCam website. Keep your purchase receipt as proof of purchase for warranty claims.
You can also visit the SuntekCam Store on Amazon for more information and product updates.

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