

Suntek HC-801LTE

Suntek HC-800LTE 4G Trail Camera User Manual

Model: HC-801LTE

INTRODUCTION

This user manual provides comprehensive instructions for the setup, operation, maintenance, and troubleshooting of your Suntek HC-800LTE 4G Trail Camera. Please read this manual carefully before using the device to ensure proper functionality and longevity.

PACKAGE CONTENTS

Upon opening the package, please verify that all the following items are included:

- 1 x HC-801LTE Hunting Camera
- 1 x Antenna
- 1 x USB Cable
- 1 x Fixing Strap
- 1 x Printed User Manual (English)
- 1 x Mini CD with User Manual (German, English, French, Italian, Spanish)

Note: SIM card and AA batteries are not included and must be purchased separately.



Image: The complete package contents, showing the HC-800LTE camera, its antenna, a USB cable, and a mounting strap.

SETUP

1. Battery Installation

The HC-800LTE camera requires 8 x 1.5V AA batteries for operation (not included). Alternatively, it can be powered by a 6V external power source.

1. Open the camera casing by unlatching the side clips.
2. Locate the battery compartment.
3. Insert 8 AA batteries, ensuring correct polarity (+/-) as indicated inside the compartment.
4. Close the battery compartment cover securely.

2. SIM Card and Micro SD Card Installation

A Micro SD card (up to 64GB, not included) is required to store photos and videos. A SIM card (not included) is necessary for 4G/3G/2G network functions like sending photos/videos via MMS/SMTP.

1. With the camera casing open, locate the Micro SD card slot and the SIM card slot.
2. Insert the Micro SD card into its designated slot until it clicks into place.
3. Insert the SIM card into its designated slot, ensuring correct orientation.
4. Close the camera casing and secure the side clips.



Image: The internal layout of the camera, highlighting the battery compartment for 8 AA batteries and the slot for a Micro SD card.

3. Antenna Attachment

Attach the provided 4G antenna to the antenna port located at the top of the camera. Screw it on clockwise until it is finger-tight.



Image: The Suntek HC-800LTE camera shown with its 4G antenna properly attached to the top.

4. Mounting the Camera

The camera can be mounted using the included fixing strap or by utilizing a tripod nail (not included) via the stand knob port at the bottom.

- Thread the fixing strap through the designated slots on the back of the camera.
- Secure the camera to a tree or pole at the desired height and angle.
- Ensure the camera is stable and has a clear view of the area you wish to monitor.

OPERATING INSTRUCTIONS

Camera Components Overview



Image: A detailed diagram illustrating the various components of the camera, including the color display screen, setup buttons, mode switch, USB port, Micro SD card slot, 8AA batteries depot, external power port, and stand knob port.

- **Color Display Screen:** For viewing settings, captured media, and live feed.
- **Setup Buttons:** Navigation and selection buttons (Menu, Replay, Up, Down, Left, Right, OK, Shot).
- **Mode Switch:** To switch between OFF, SETUP, and ON modes.
- **USB Port:** For connecting to a computer.
- **Micro SD Card Slot:** For memory card insertion.
- **External Power Port:** For connecting an external 6V power supply.
- **Stand Knob Port:** For tripod mounting.

Basic Operation

1. **Powering On:** Switch the Mode Switch to 'SETUP' to access the menu and configure settings.
2. **Configuring Settings:** Use the setup buttons to navigate the menu. Adjust parameters such as image resolution (24MP/20MP/16MP), video resolution (1080P/720P/VGA), trigger interval, number of photos per detection (1/3/6/9), time-lapse, and password protection.
3. **Activating Camera:** Once settings are configured, switch the Mode Switch to 'ON'. The camera will enter monitoring mode and begin capturing based on its PIR sensor detection.

Photo and Video Capture

The HC-800LTE features a 0.3-second trigger speed and a 120-degree PIR sensor for wide detection. It captures high-quality images and videos even in low light conditions.

- **Image Resolution:** Selectable from 24MP, 20MP, or 16MP.
- **Video Resolution:** 1080P, 720P, or VGA.
- **Trigger Speed:** Approximately 0.3 seconds.
- **PIR Detection Distance:** Up to 65 feet (20 meters).
- **Night Vision:** Equipped with 42 invisible black IR LEDs, providing illumination up to 65 feet (20 meters) without visible flash.



Image: This visual highlights the camera's rapid 0.3-second trigger time, showcasing its ability to capture fast-moving wildlife effectively.

4G Connectivity and Remote Functions

The camera supports 4G/3G/2G networks, allowing for remote transmission of captured media.

- **MMS/SMTP Transmission:** Configure the camera to send photos and videos to up to 4 phone numbers via MMS or 4 email addresses via SMTP.
- **SMS Remote Control:** Control certain camera functions remotely via SMS commands.
- **GPRS Function:** Enables email sending via MMC.

Special Functions

The camera includes various advanced features for versatile monitoring:

- **Multiple Recording:** Capture multiple images per trigger.
- **Interval Shooting:** Set specific time intervals for photo capture.
- **Time-Lapse:** Capture images over extended periods to create time-lapse sequences.
- **Timer:** Schedule specific operating times for the camera.
- **Password Protection:** Secure your camera settings with a numeric PIN.
- **Timestamp:** Imprint date and time on captured media.

- **Low Battery Alarm:** Receive alerts when battery levels are low.
- **Local Recording:** All captured media is stored on the Micro SD card.

MAINTENANCE

Cleaning

Regular cleaning helps maintain optimal performance and image quality.

- Gently wipe the camera lens and PIR sensors with a soft, lint-free cloth.
- Do not use abrasive cleaners or solvents.
- Ensure the camera casing is free from dirt, dust, and debris, especially around seals, to maintain its IP66 waterproof rating.

Battery Replacement

Replace all 8 AA batteries when the low battery alarm is triggered or when performance degrades. Always use fresh, high-quality batteries.

SD Card Management

Periodically check the Micro SD card for storage capacity. It is recommended to format the SD card within the camera's menu settings before first use and after transferring files to a computer, to ensure optimal performance and prevent data corruption.

TROUBLESHOOTING

If you encounter issues with your HC-800LTE camera, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Camera does not power on	Low or dead batteries; incorrect battery polarity; external power issue.	Replace all 8 AA batteries with new ones, ensuring correct polarity. Check external power connection if used.
No images/videos captured	SD card full or corrupted; PIR sensor blocked or sensitivity too low; incorrect trigger interval settings.	Format or replace the Micro SD card. Adjust PIR sensitivity. Check trigger interval settings. Ensure no obstructions in front of the PIR sensor.
Connectivity issues (MMS/Email)	No SIM card or incorrect installation; poor network coverage; incorrect APN/SMTP settings.	Ensure SIM card is correctly inserted and activated. Check network signal strength. Verify APN, SMTP, and recipient settings in the camera menu.
Poor image/video quality	Dirty lens; low light conditions; incorrect resolution settings.	Clean the camera lens. Ensure adequate lighting or rely on night vision. Adjust image/video resolution settings to higher quality.

Problem	Possible Cause	Solution
Issues saving images to SD card	SD card slot damage; incompatible or faulty SD card.	Try a different, known-good Micro SD card. Ensure the card is inserted correctly and fully.

SPECIFICATIONS

Feature	Detail
Brand	Suntek
Model Number	HC-801LTE
Image Sensor	5 Megapixel Color CMOS
Image Resolution	24MP / 20MP / 16MP (selectable)
Video Resolution	1080P / 720P / VGA
Trigger Speed	0.3 seconds
PIR Detection Angle	120 degrees
PIR Detection Distance	65ft (20 meters)
Night Vision Range	65ft (20 meters) with 42 invisible black IR LEDs
Memory	Micro SD Card up to 64GB (not included)
Display Screen	2.0 inch TFT
Connectivity	4G / 3G / 2G GSM / MMS / SMTP / SMS (Wired, Wireless)
Power Supply	8 x AA Batteries (not included) or 6V External DC
Voltage	9 Volts
Standby Time	Up to 6 months
Water Resistance Level	IP66 (Waterproof)
Dimensions (L x W x H)	13.5 x 9 x 8.6 cm
Weight	540 grams

Feature	Detail
Recommended Uses	Game and Trail, Security
Special Features	Local Recording, Multiple Recording, Interval, Time-Lapse, Timer, Password Protection, Timestamp, Low Battery Alarm

WARRANTY AND SUPPORT

Warranty Information



Specific warranty details for the Suntek HC-800LTE camera are not provided in this manual. Please refer to the warranty information provided by your retailer at the time of purchase or contact Suntek directly for warranty terms and conditions.





Customer Support

For further assistance or technical support, please refer to the comprehensive user manual provided on the included Mini CD. If you require additional support, please contact Suntek customer service through their official website or the contact information provided with your product documentation.

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Related Documents - HC-801LTE

	<p>Suntek HC-810Pro 4G Trail Camera User Manual and Specifications</p> <p>Comprehensive guide to the Suntek HC-810Pro 4G Trail Camera, covering specifications, installation, setup, app binding, troubleshooting, and operating instructions. Learn about photo and video recording capabilities, memory storage, power sources, and detection systems.</p>
	<p>4G Trail Camera HC-900Pro User Manual</p> <p>User manual for the 4G Trail Camera HC-900Pro, detailing specifications, installation, and app binding. Includes instructions in English, Czech, Slovak, Hungarian, and German.</p>

 <p>TRAIL CAMERA HC-810A USER MANUAL 0.3s 120° Fast trigger time Wide detection angle IP67 Waterproof</p>	<p>Suntek HC-810A Trail Camera User Manual</p> <p>User manual for the Suntek HC-810A trail camera, covering product introduction, parameters, functions, and troubleshooting.</p>
 <p>4G Trail Camera Model: HC-810Pro HC-810Pro 4G 4G LTE Cat. 4 20Mbps DL 20Mbps UL 5MP 4K 1080P 3.2s</p>	<p>Suntek HC-810Pro 4G Trail Camera User Manual and Specifications</p> <p>Comprehensive guide for the Suntek HC-810Pro 4G Trail Camera, covering installation, setup, app binding, troubleshooting, and technical specifications. Learn how to use its advanced features for wildlife monitoring.</p>
 <p>VEVOR TOUGH TOOLS. HALF PRICE. Technical Support and 24-Hour Service Available: support@vevor.com GRAIN GRINDER USER MANUAL MODEL: HC-150 HC-300 HC-550 HC-750 HC-300Y HC-500Y HC-750Y HC-1000Y HC-2000Y HC-2500Y HC-150Y HC-1800Y HC-1800Y HC-1800Y</p>	<p>VEVOR Grain Grinder User Manual - HC Series Models</p> <p>User manual for VEVOR Grain Grinder models HC-150, HC-300, HC-550, HC-750, HC-300Y, HC-500Y, HC-750Y, HC-1000Y, HC-2000Y, HC-2500Y. Includes operating instructions, safety precautions, troubleshooting, and maintenance information.</p>
 <p>Wildlife Digital Infrared Trail Camera User's Manual HC-300</p>	<p>SUNTEK HC-300 Wildlife Digital Infrared Trail Camera User's Manual</p> <p>This user's manual provides detailed instructions for operating the SUNTEK HC-300 Wildlife Digital Infrared Trail Camera, covering setup, basic and advanced operations, settings, and technical specifications.</p>



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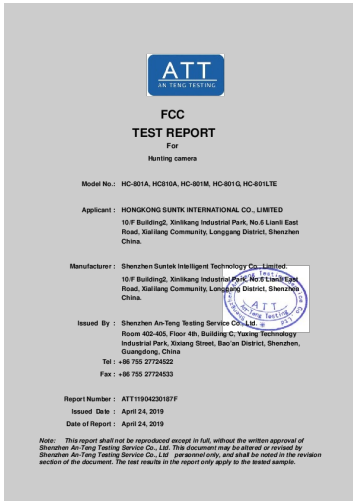
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[pdf] Declaration of Conformity Test Report

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Certificate of Conformity Certification No. : ATT11904230187F Applicant : HONGKONG SUNTEK INTERNA ... on Marking : FCC Product Description : Hunting camera Model : HC-801A, HC810A, HC-801M, HC-801G, **HC-801LTE** Trademark : N/A Sufficient samples of the product have been tested and found to be in c...
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FCC TEST REPORT For Hunting camera Model No.: HC-801A, HC810A, HC-801M, HC-801G, **HC-801LTE** Applicant : HONGKONG SUNTK INTERNATIONAL CO., LIMITED 10/F Building2, Xinlikang Industrial Park, No.6 Lianli East Road, Xialilang Community, Longgang District, Shenzhen China. Manufacturer : Shenzhen Suntek In...

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[pdf] User Manual Specifications

HC 801LTE User Manual nicol suntekcamera gr 2020 07 TRAIL CAMERA HC801 LTE 4G USER MANUAL CAD 0 3s 120° HD 1080P full hd Fast Cellular Wireless Frequency Photo recording resolution File fotopascesuntek sk 2023 05 trigger Detection angle Rugged waterproof time PACKING INCLUDES Camera Suntek HC810LTE HC900M Fotopasce SUNTEK SPECIFICATIONS File format Time lapse mode Multi shot Stamp photos and video Capture Video Sequence lenght Audio Sound automatically recorded in Memory storage Support FDD TDD 3G WCDMA 2G GSM 16 MP JPG 5min 30min 1 h Up to 9 per Ochranný box 900 |||

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