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Suntek HC-801Plus

Suntek HC-801Plus 30 MP 4G Trail Camera User Manual

Model: HC-801Plus | Brand: Suntek

Introduction

Welcome to the user manual for your Suntek HC-801Plus 30 MP 4G Trail Camera. This advanced camera is designed for reliable wildlife monitoring, outdoor surveillance, and security applications. It offers high-resolution images and video with 4G connectivity, allowing for remote access and real-time alerts. This manual provides essential information for setting up, operating, and maintaining your device to ensure optimal performance and longevity.

Product Overview

Package Contents

Please verify that all items listed below are included in your package:

- Suntek HC-801 PRO Trail Camera (Note: Model may also be referred to as HC-801Plus or HC-801LTE)
- Antenna
- USB Cable
- Mounting Strap
- User Manual (English printed, German on CD)



Image showing the Suntek HC-801Plus trail camera, an antenna, a USB cable, and a mounting strap, which are included in the package.

Camera Components

Familiarize yourself with the external and internal components of your trail camera:



The front of the Suntek HC-801Plus trail camera, featuring the main lens, PIR sensors, and invisible IR LEDs, housed in a camouflage casing.



Side view of the Suntek HC-801Plus trail camera, showing the robust latches for securing the casing.



An open view of the Suntek HC-801Plus trail camera, highlighting the color display screen, setup buttons, SIM card slot, USB port, Micro SD card slot, mode switch, 8xAA battery compartment, and external power port.

Setup Guide

1. Battery Installation

1. Open the camera's casing by unlatching the side clips.
2. Locate the battery compartment.
3. Insert 8 AA batteries (not included) according to the polarity markings (+/-). Ensure they are correctly oriented.
4. Close the battery compartment securely.

2. SIM Card and Micro SD Card Installation

1. With the camera open, locate the SIM card slot and Micro SD card slot.
2. Insert a compatible 4G SIM card (not included) into the SIM card slot. Ensure it is correctly seated.
3. Insert a Micro SD card (up to 256GB, not included) into the Micro SD card slot. The camera requires a Micro SD card to store photos and videos.

4. Close the camera casing and secure the latches.

3. Mounting the Camera

The camera can be mounted using the provided strap or a standard tripod:

- **Strap Mounting:** Thread the mounting strap through the slots on the back of the camera and secure it around a tree or pole at the desired height and angle.
- **Tripod Mounting:** Use the tripod socket located at the bottom of the camera to attach it to a tripod for more precise positioning.

4. App Installation and Connection

To utilize the 4G features and remote control, install the Suntekcam application on your smartphone:

1. Scan the QR code provided in the image below or visit the direct download link to install the "Suntekcam" app for iOS or Android.
2. Follow the in-app instructions to register an account and add your camera device. This typically involves scanning a QR code on the camera or entering its serial number.
3. Once connected, you can manage camera settings, view live previews, and access captured media remotely.



Diagram illustrating how to download the Suntekcam app by scanning a QR code, connecting to the app, and managing the trail camera with cloud service for photos and videos. The QR code links to http://app.appurl.me/79814428341.

Direct App Download Link: Download Suntekcam App

Operating Instructions

Basic Operation

- **Power On/Off:** Use the mode switch inside the camera to turn the device ON or OFF.
- **Mode Selection:** The camera typically has different modes (e.g., Photo, Video, Photo+Video). Select the desired mode using the internal controls.
- **Password Protection:** Set a 4-digit PIN code for security to prevent unauthorized access to your camera settings and captured media.

Camera Settings via App

The Suntekcam app provides comprehensive control over your camera:

- **Live Preview:** View a real-time feed from your camera.
- **Remote Control:** Send commands to the camera to take photos or record videos.
- **Media Management:** Download photos and videos directly to your phone or access them from the cloud service.
- **Status Monitoring:** Check the camera's status, including battery level, memory card capacity, and signal strength.
- **Parameter Modification:** Adjust various camera settings such as resolution, trigger interval, and operating modes remotely through the app.
- **Notifications:** Receive instant messages on the app when motion is detected by the camera.

Photo and Video Capture

- **High Resolution:** Capture still images at up to 36 MP and videos in 4K, 2K, 1080P, or 720P resolutions.
- **Fast Trigger Speed:** The camera features a rapid 0.3-second trigger speed to capture fast-moving subjects.
- **Wide Angle View:** A 120-degree field of view ensures a broad coverage area.
- **Multi-Shot:** Configure the camera to take 1, 3, 6, or 9 photos per detection.
- **Interval & Timelapse:** Utilize periodic shot settings (1 second to 24 hours) for interval shooting or timelapse sequences.



An image demonstrating the camera's 0.3-second trigger speed and 120-degree wide-angle field of view, capturing a herd of bison

in a field.

Night Vision

The camera is equipped with 42 invisible IR LEDs, providing clear night vision without disturbing wildlife or alerting intruders. The maximum night vision illumination distance is 25 meters (65 feet).

Maintenance

- **Cleaning:** Regularly clean the camera lens and PIR sensors with a soft, dry cloth to ensure clear images and proper detection. Avoid abrasive cleaners.
- **Battery Replacement:** Replace all 8 AA batteries simultaneously when the battery level is low to maintain consistent power. Consider using high-quality alkaline or rechargeable batteries.
- **SD Card Management:** Periodically format the Micro SD card to prevent data corruption and ensure optimal recording performance. Back up important files before formatting.
- **Storage:** When not in use for extended periods, remove batteries and store the camera in a cool, dry place away from direct sunlight and extreme temperatures.
- **Firmware Updates:** Check the Suntek website or app for any available firmware updates to improve camera performance and features.

Troubleshooting

- **Camera Not Powering On:**
  - Ensure batteries are inserted correctly with proper polarity.
  - Check if batteries are fully charged or replace them with new ones.
  - Verify the mode switch is in the ON position.
- **No Images/Videos Captured:**
  - Confirm the Micro SD card is inserted correctly and has sufficient free space.
  - Check PIR sensor sensitivity settings; increase if necessary.
  - Ensure the camera is in the correct operating mode (Photo, Video, or Photo+Video).
  - Verify that the PIR interval is not set too long.
- **Poor Image Quality at Night:**
  - Ensure the camera lens and IR LEDs are clean and free from obstructions.
  - Check battery level; low batteries can affect IR illumination.
  - Ensure the camera is within the effective night vision range (up to 25 meters).
- **App Connectivity Issues:**
  - Verify that the SIM card has an active 4G data plan.
  - Check the camera's signal strength via the app or internal display.
  - Restart both the camera and your smartphone.
  - Ensure the Suntekcam app is updated to the latest version.
- **Live Image Not Transmitted:**
  - This feature may be dependent on network conditions and specific camera firmware. Ensure strong 4G signal. If the issue persists, consult Suntek customer support.

Technical Specifications



An image highlighting the camera's IP66 waterproof rating and operating temperature range of -30 to 70 degrees Celsius, ideal for various outdoor conditions.

Feature	Value
Image Sensor	5 Megapixel Color CMOS
Memory	Micro SD Card up to 256GB
Lens	F=3.1; FOV=120°
Dimensions (L x W x H)	135mm x 90mm x 86mm
IR Filter	Full Automatic IR Filter
TFT Display Screen	2.0 inch
IR LEDs	42 LEDs (Invisible Black)

PIR Sensor Angle	120°
PIR Sensing Distance	65 feet (20 meters)
Night Vision Illumination Distance	65 feet / 25 meters
Trigger Speed	0.3 seconds
PIR Interval	1 second ~ 30 minutes (Default 1 sec)
Selectable Image Resolution	36MP
Multiple Photo per Detection	1/3/6/9
Video Resolution	4K/2K/1080P/720P
File Format	JPEG / AVI
Date Time Imprint	Yes
Moon Phase Imprint	Yes
Exposure	Auto
Password Security	4 Digital PIN codes
Periodic Shot	1 second ~ 24 hours
Stand-by Current	0.2mA
Stand-by Time	6 Months
Interface	USB; Micro SD Card Holder; 9-12V DC External; SIM Card Slot
Fix Method	Strap, Tripod
Operating Temperature	-30 ~ +70°C / -22 ~ +158°F
Power Supply	8x AA Batteries (not included) or 9-12V DC external power
Waterproof Rating	IP66
4G/LTE Frequency Bands	FDD-LTE: B1/B3/B5/B7/B8/B20; TDD-LTE: B38/B40/B41
WCDMA Bands	B1/B5/B8
GSM Bands	900/1800
Material	Plastic
Recommended Product Use	Game & Trail, Security Surveillance

Warranty and Support

For warranty information, technical assistance, or customer support, please refer to the specific documentation included with

your product purchase. You may also visit the official Suntek website or contact their customer service department directly for further assistance.

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