Trail Camera

User Manual

Model: HC-801A
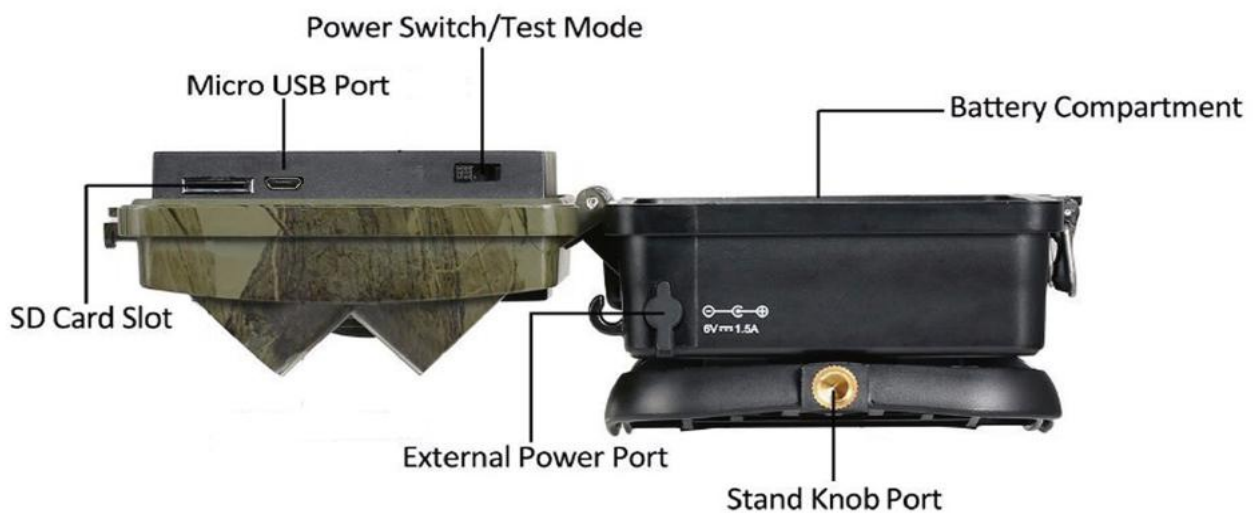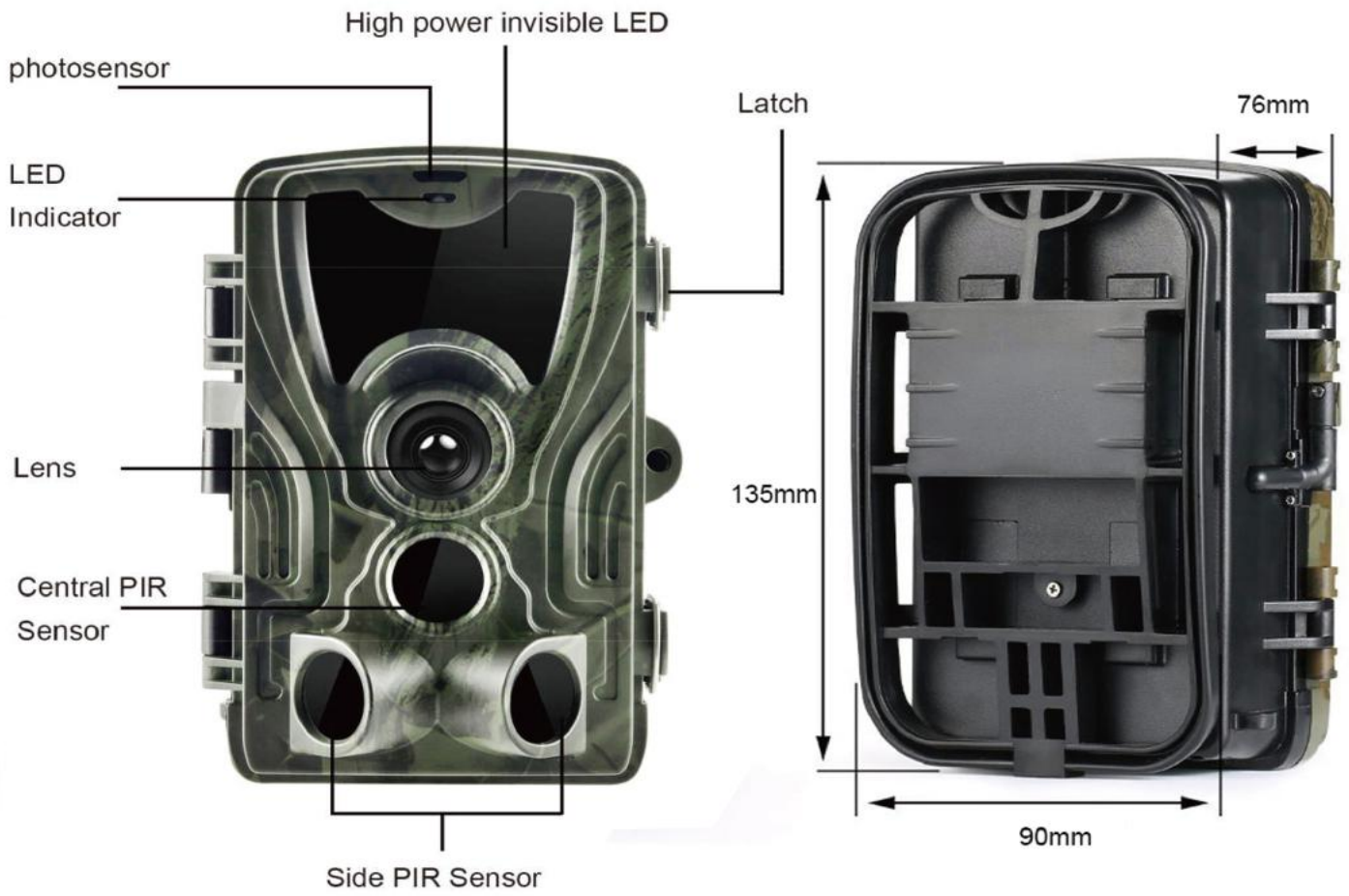
Product Introduction

Some Tips Before Everything

◆ **If you observe a red flash when you take photos, please turn the switch from "TEST" to "ON".**

◆ **After you turn the switch from "TEST" to "ON", you will observe a countdown from 15s to 1s, then the screen will shut down. This is completely normal. You can walk in front of the camera to check if it takes photos and videos.**

◆ Do not dip the camera in the water.

◆ The camera can work under 160°F but please keep the camera far enough from fire to protect batteries.

◆ Alkaline batteries are recommended because alkaline batteries are able to provide strong and stable power to the camera.

◆ Please do not mix old batteries and new batteries.

◆ If an DC 6V power adapter is used to supply the camera, please make sure there are no batteries in the camera in order to prevent the overcharge.

1. Structure

High power invisible LED

photosensor

LED Indicator

Latch

76mm

Lens

135mm

Central PIR Sensor

Side PIR Sensor

90mm

Power Switch/Test Mode

Micro USB Port

Battery Compartment

SD Card Slot

6V⎓1.5A

External Power Port

Stand Knob Port

Color Dispaly Screen

8AA Batteries Depot

Setup Buttons

MENU

SHOT

REPLAY

OK

6V=== 1.5A

Mode Switch

USB Port

Micro SD Card Slot

Stand Knob Port

External Power Port

◄ **Mounting Strap**

USB Cable ►

2. Parameter

Photo Resolution	24/20/16/12/8/5/3/1 MP
Video Resolution	2.7k/1080P/720P/480P/240P
Detection Angle	Up to 120°
Detection Distance	80ft (day), 65ft (night)
Fill Light LED Wavelength	940nm (No Glow)
Trigger Time	0.2s - 0.5s
Waterproof Level	IP66
Working Temperature	-4°F - 160°F
Memory Card Type	Up to 32G TF Card (Class 10)
Power Supply Type	Battery/External
Battery Type	AA Battery
Working Voltage	6V
External Power Supply	DC 6V
Standby Time	Up to 6 Months
Photo Format	JPEG
Video Format	AVI
Screen Size	2.0 Inches
Size	135x 90x76 MM
Weight	0.38 kG

3. Function

Mode	You could choose the working mode	Photos (default) Videos Photos & Videos
Photo Resolution	You can choose different photo resolution	24MP 20MP 16MP 12MP 8MP 5MP 3MP 1MP
Photo Series	You can set the photo quantity when the camera is activated	1 photo (default) 2 photos in series 3 photos in series 10 photos in series
Video Resolution	You can choose different video resolution	2704*1520P 1920*1080P 1280*720P 848*480P 720*480P 640*480P 320*240P
Video length	You can choose the length of video	3 seconds to 10 min.
Audio Recording	You can decide if you want the camera to record sounds	On (default) Off
Shot Lag	The time interval between each trigger[1]	5 seconds (default) to 60 minutes max.

Side Motion Sensors	You can turn On / Off Side Motion Sensors	On / Off
Sensitivity Motion Sensors	You can adjust the sensitivity of the motion detection sensor.	Low Middle (default) High
Target Recording Time[2]	You can set the camera to record between a certain period	On (to set the period) Off (default)
Time Lapse	Set up time lapse mode and the length of the lapse.	On / Off (default)
Language	To set different language	English (defalut), Deutsch, Dansk, Suomi, Svenska, Español, Français, Italiano, Nederlands, Portugués, 简体中文 繁體中文 日本語
Endless Capture	If Endless Capture mode is on, the camera won't stop recording when the memory card is full but will delete the oldest videos or photos to keep recording continuously	On Off (default)
Time & Date	To set time and date. You can also choose the time format (24h or 12h) and choose the date format (dd/mm/yyyy, yyyy/mm/dd or mm/dd/yyyy)	Set Time & Date Time Format Date Format

Photo Stamp	To choose if there will be time and date on the photo.	Time & Date (Default) Date Off
Password Protection	Set up password to secure your camera	On Off (default)
Format Memory Card	Decision with caution! You will lose all of the data in the memory card if you decide to format it	Yes No (default)
Serial NO	To set up the serial number of the camera[3]	On Off (default)
Reset Settings	Reset all the settings to the original settings	Yes No (default)
Version	Version of the system	

(1) For example, we set the 1 minute video length and 30 seconds shot lag. When the camera detect an animal, it will start to record a 1-minute video. However, the camera will not detect continuously. When the video is done, the camera will not detect immediately. It will detect again 30 seconds after the video in order to save the battery.

(2) "Target Recording Time" is equivalent to Timer. The camera only works within the set time period.

(3) If you use several cameras at the same time and you want to recognize which camera took which photos and videos, set up a serial number could help you. The serial number will show on the bottom right of the photos or videos.

QA

1. I can't turn on my camera!
✓   Please check if the batteries is full power;
✓   Please check if battery polarity is correct;
✓   Please re-install the batteries.

2. My camera is not taking photos or recording videos!
✓   Check if the TF card is Class 10;
✓   Check if the TF card works normally on other devices;
✓   Format the TF card.

3. The camera doesn't detect anything!
✓   Please make sure that the camera is not behind the glass;
✓   Please check the setting in the menu to adjust the **detection distance** and the **detection sensibility** of the camera then try again.

4.Why doesn't the camera record during the night but it works well during day time?
✓   Please check the battery level of the camera. If the battery is low (1/3 of the full battery), the night vision function will automatically shut down. Please change the batteries then the night vision function will restore.

5. My "Target Recording Time" function doesn't work!
✓   Please check if you have also turned on the "Time Lapse" function and set the lapse length.