

TRAIL CAMERA



HC550A

USER MANUAL



24MP/2.7K

0.5s

Fast trigger time

120°

Detection angle



Rugged waterproof

C. When using the memory card for the first time , please format the memory card in the camera menu
D. When the camera is put in the battery or connected to the power supply in the test mode, use the USB cable to connect to the computer, and the camera will enter the USB mode. In this case, the memory card will be recognized as a removable disk.

1.4 Key Features

- 2.0" TFT color screen to review photos and videos on camera
- 24 PCS IR LEDES for night vision range Up to 65FT
- Programmable 24 / 20 / 16 / 12 / 8 / 5 / 3 / 1 Megapixel high-quality resolution still photo
- Color pictures during daylight ; black and white at night
- Adjustable PIR sensitivity : HIGH , MID , LOW
- Impressive quick trigger time : 0.2-0.5s
- Multi-shot pictures : 3 , 6 , 9 , 10
- Adjustable delay between motions : 1/ 5 / 10 / 30 seconds /minutes
- Adjustable video length : 10 / 30 / 60 / 90 seconds
- With 8 pcs AA alkaline batteries , the longest standby time is up to 6 months
- Available operation temperature : -20°C to 70°C
- With specified time,camera can be programmed to work only during preset time period every day
- Stamp the date , time , temperature information picture on each picture
- Sound Recording

1 .INTRODUCTION

Thank you for choosing HC-550A highly qualified hunting camera with excellent technical features and respective accessory. Please read this manual before using the camera and keep the manual for future reference

1.1 Application

Instant surveillance camera for home , office , construction site , and warehouse , etc;

Motion-triggered infrared night vision surveillance;
Animal observation and hunting;

1.2 Power Supply

A. 1.5V AA Alkaline batteries

This camera works with 8* AA 1.5V alkaline batteries . Due to voltage difference , 1.2V rechargeable batteries are not compatible with this camera.

B. Solar Panel

For better using experience , our engineers designed this camera to Work with most standard DC 9-12V lithium battery build-in solar panels.

C. Power Adapter

This camera can also be powered with external 9-12V DC adapter .

1.3 Note

- Please insert a Micro-SD card before testing the camera .
- Please do not insert or fake out the Micro SD card when the power switch is on ON position.

2 .WHOLE VIEW AND DETAILS OF CAMERA

2.1 Front View of Ccamera



3. QUICK START

3.1 Load Battery



04

TEST Mode:

In this mode , the screen will light up.

- 1 . You can access setup menu and change configuration according to your own need and working conditions
- 2 . You can also press the "shot" button to manually take a photo or record video
- 3 . You can press the "OK" button on the remote control to enter the camera and view photos and videos from micro SD card in the camera.

NOTICE :

This mode is mainly used to change settings and function test, and also trigger PIR sensor. When the camera is triggered in test mode, the camera will flash a green indicator.

ON Mode :

In this mode , the screen is off , and all button operation is not available , the PIR sensor is in standby and ready to be triggered to take a photo or record video. Basically you can switch the camera to TEST , and use the remote control to change setting like time date , the switch it to ON and leave it in the wild field , and it will be triggered by passing animals and record any movement for you

NOTICE :

The camera should to be switched from OFF to TEST then ON. Please don' t slide the power switch from OFF to ON directly

06

NOTE :

- 1 . the voltage of rechargeable AA batteries (1 . 2V) is insufficient to power this camera
- 2 . Make sure the batteries are installed correctly , mind the polarity . the battery should be installed according to the mark .

3.2 Power on and Mode Selection



OFF - TEST - ON

You can use the Power / Mode switch to turn on the camera and select working mode .

There are three positions for the power switch : ON / TEST / OFF . They stand for different mode and status .

OFF Mode:

The camera is completely off . in this mode , you can load the batteries , insert and take out the memory card . switch : ON / TEST / OFF . They stand for different mode and status

05

3.3 Main Screen Information Display

The camera should to be switched from OFF to TEST then NO. Please don' t slide the power switch from OFF to ON directly.



3.4 Setup Menu

Clicks 'Mode', Users can change specific settings for Photo Mode and Video Mode setting



07

3.5 Camera Menu Description:

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.

08

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 (default), 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	To choose if there will be time	Time & Date

09

Stamp	and date on the photo.	(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	9135

4.Packaging



10

5.Specification

Image Sensor	24 Mega Pixels Color CMOS
Memory	Micro SD Card up to 32GB
Lens	F = 3.1 : FOV = 90
Size	145mm * 80mm * 55mm
LCD Screen	2.0 inch
IR LED	24 PCS Low glow IR LED
Motion detection	High / Medium / Low Sensitivity
Max Night Vision Range	65ft / 20 meters
Trigger Speed	0.3*0.5second
Triggering Interval	5 / 10 / 30sec 1 / 5 / 10 / 30 min
Image Resolution	24/16/12/8/5/3/1MP
Multiple Photo on one detection	1 / 2 / 3 / 10
Video Resolution	2.7K / 1080P / 720P / VGA
File Format	JPEG / AVI
Date Time Stamp	Yes
Temperature Stamp	Yes
Stand-by Current	0.2mA
Stand-by time	6 Months
Power Supply	8x AA batteries
Water proof	IP65
Language	ENFR / DE / ES / RU / DK / NL / PL / PT / SE / IT / FI

11

1 . I can't turn on my camera

- ✓ Please check if the batteries is fullpower
- ✓ 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 again.

4 . Why the camera doesn't 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 " unction and have chosen the time lapse mode then set up the lapse length .