

TRAIL CAMERA

HC801A/HC801B



USER MANUAL



1080P full hd

0.3s

Fast trigger time

120°

Detection angle



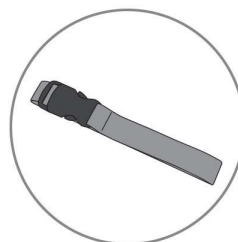
Rugged waterproof

PACKING INCLUDES



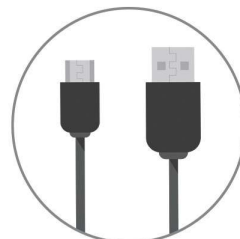
◀ Camera

Manual ▶



◀ Mounting Strap

USB Cable ▶



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SPECIFICATIONS

Photo recording

| | |
|--------------------------|--|
| Photo resolution | 20 MP |
| File format | JPG |
| Time lapse mode | 5min/30min/60min |
| Multi-shot mode | Up to 9 photos per detection |
| Stamp (photos and video) | Date, time, temperature (°C/°F) and moon phase |
| Capture mode | Color by day, black and white by night |

Video recording

| | |
|------------------|--|
| Video resolution | 1920 x 1080/30fps (FHD) |
| File format | AVI/H.264 |
| Sequence length | Adjustable from 10 to 90 s |
| Capture mode | Color by day, black and white by night |

Audio

| | |
|--|-----|
| Sound recording (automatically recorded in video mode) | N/A |
|--|-----|

Memory storage

| | |
|---------|--|
| Support | <ul style="list-style-type: none"> •Internal memory: none •External memory : Micro SD card (HC801A, up to 32GB HC801B, up to 64GB) |
|---------|--|

Viewing

| | |
|-----------------|------------------------------|
| Built-in screen | TFT 2.0"(HC801A) (HC801B) |
|-----------------|------------------------------|

Power source

| | |
|-------------------------------|------------------------------------|
| Alkaline or lithium batteries | 4xAA or 8xAA |
| Lithium battery pack | Rechargeable battery pack(LIT-801) |
| External (3.5X1.5mm Jack) | DC6V 1000mA ,(6V~12V) |

Detection system

| | |
|------------------------------|-----------------------------------|
| Motion sensor | 3xPIR |
| Detection angle | 120° |
| Detection range | Adjustable from 1 to 80 ft |
| Trigger speed | 0.3 sec |
| Delay between each detection | Adjustable from Instant to 30 min |

Night time illumination system

| | |
|-------------|-------------------------------------|
| LEDs | 36 LEDs |
| Flash range | < 90 ft |
| Exposure | Automatic infrared level adjustment |

Optical field of view

120°

Dimensions

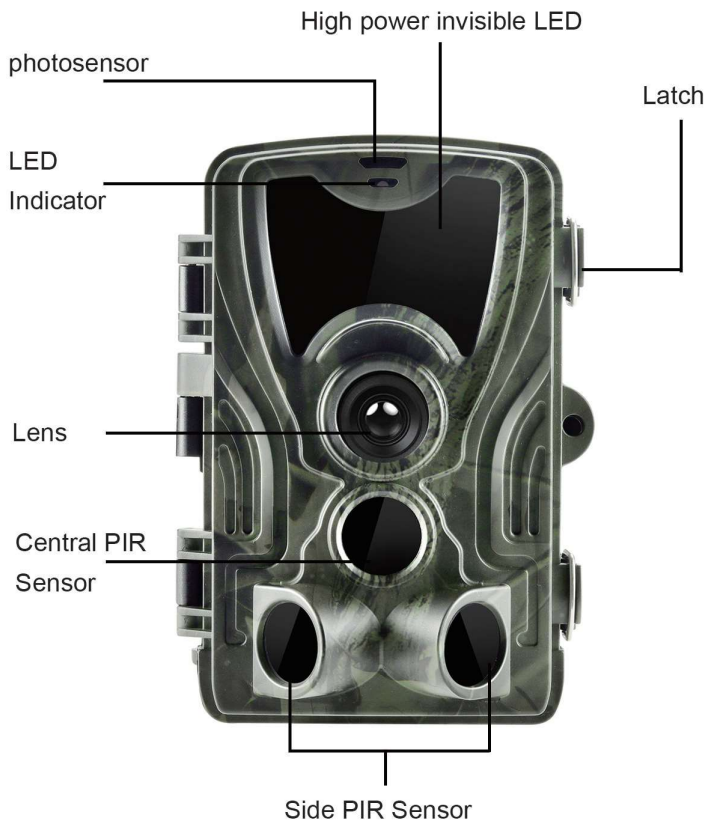
135m X 90m X 76mm

Recommendations

| | |
|-----------------------|---------------------------------------|
| Operating temperature | (-20 °C to +70 °C) (-4 °F to +158 °F) |
| Storage temperature | (-20 °C to +70 °C) (-4 °F to +158 °F) |

waterproof level

IP 65



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INSTALLING BATTERIES



IF USING AA - ALKALINE BATTERIES

1. Pull the gap lightly and open battery compartment.
2. Reference the battery icons located on the inside of the battery compartment. Insert the batteries according to the positive and negative battery icons.
3. Close the battery compartment to resist water and dust.

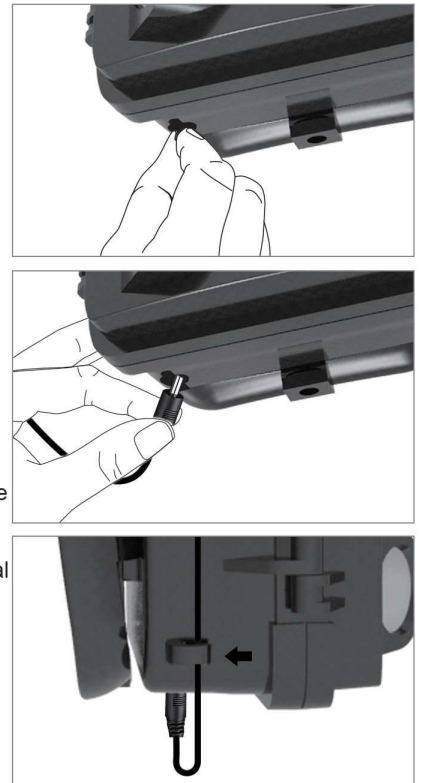
NOTE: Installing any of the 8-AA batteries in the wrong direction may cause the batteries to leak acid and could possibly explode, causing camera failure and damage to the battery compartment.

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BATTERIES CONT.....

IF USING 6V DC POWER SOURCE

1. Remove the rubber port cap at the bottom of the camera. Using a universal 6V DC cord, plug in to the bottom port option.
2. Run the cord to the side of the camera where there is a hook provided behind the hinge of the camera door. This will support the power cord and take pressure off of the connection point.
3. When not in use, replace the rubber port cap at the bottom of the camera to protect the 6V DC universal plug-in port.



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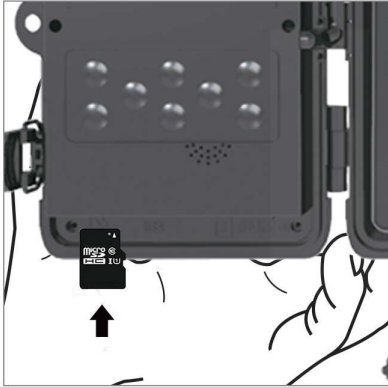
MEMORY CARD INSTALL

INSTALL MICRO-SD CARD

1. Insert the Micro SD card with the contacts facing away. The Micro SD card should slide in freely with little resistance. Continue pressing the card inward until you hear a click. This means the Micro SD card is locked in place and ready for use.



2. To remove Micro SD card, press the card inwards to release.

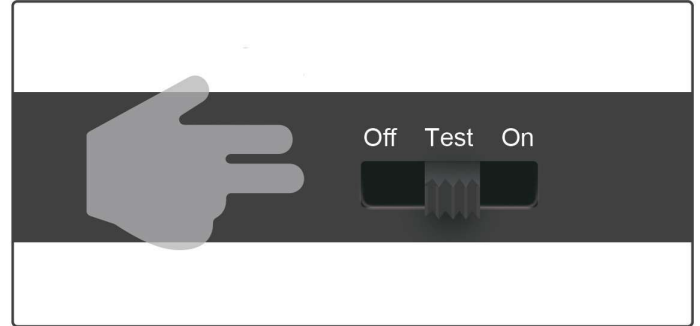


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QUICK START

Enter to TEST mode

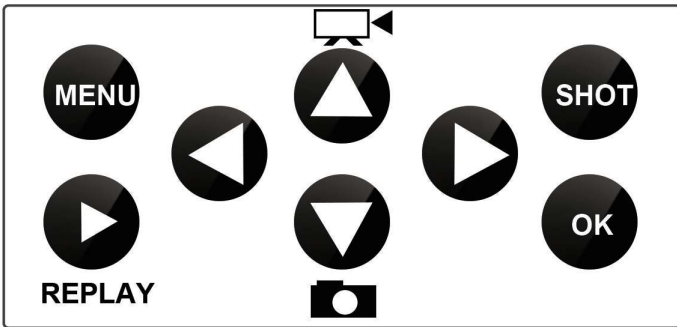
Slide the mode switch from OFF to TEST position to activate the camera and view the user setup screen.



There is a control panel with 8 keys when you open the camera.


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OPERATING BUTTONS



MENU: Open the Settings menu using the MENU button

REPLAY: Press this button to start the replay mode

 : Change to the manual recording mode for video recordings

 : Change to the manual recording mode for taking photos

SHOT: Manually take a video or photo depending on the set recording mode. Video recordings are ended by pressing the SHOT button

 : Press it to start the video, press it again to stop

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Generally, it is recommended to place the camera at the height of 3 to 6 feet (1 to 2 meters) to the ground.

Enter to ON Mode

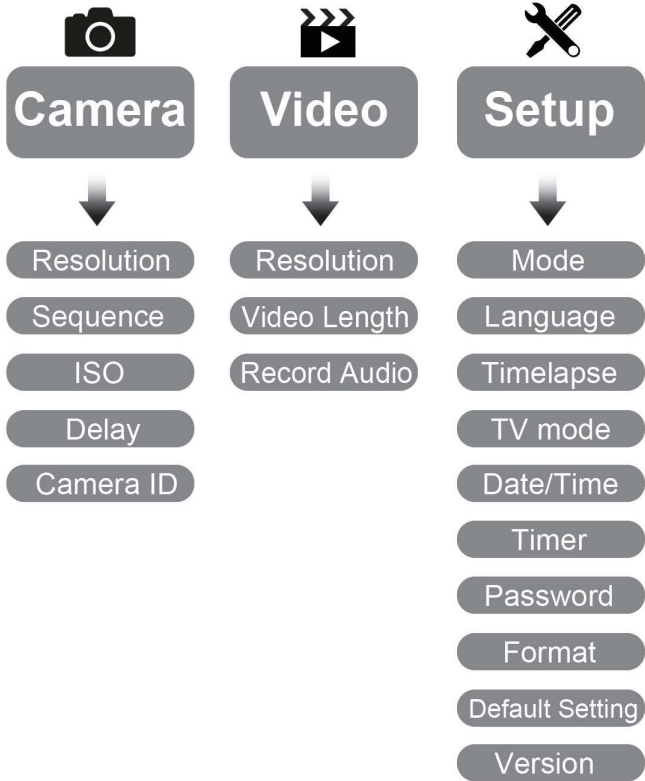
After you complete all the setting, slide power switch to ON to enter to auto working mode. The motion indicator will flash red for about 5 seconds and the camera starts working after that. It will immediately take pictures or record videos when person or animal enters into the area of the PIR sensor.

- **Cautions:** To avoid potential false triggers due to temperature and motion disturbances, please do not aim the camera at a heat source (e.g.: the sun, heated stone or metal) or nearby tree branches and twigs. The ideal direction to aim at is the north and the open place without heat source. Also, remove any twigs close to the front of the camera.

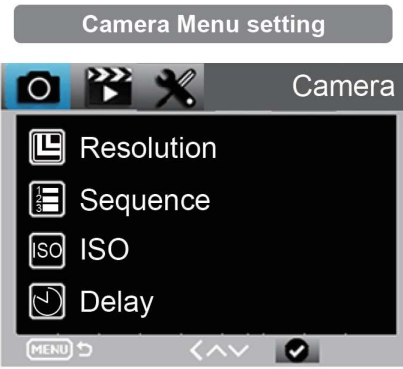
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Advanced Setting

Menu list

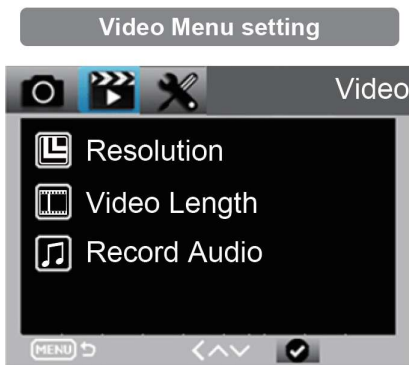


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| Camera | Sub menu | Description |
|-------------------|---------------------|-----------------------------------|
| Resolution | 20MP, 16MP, 12MP | Photo Size |
| Sequence | 1/3/6/9 | Number of photos taken every time |
| ISO | Auto, 100, 200, 400 | The camera exposure level |
| Delay | 1/5/10/30 sec/min | Waiting time from the last taking |
| Camera ID | 0-0-0 0-0-0 | Camera ID |

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| Video | Sub menu | Description |
|---------------------|--------------------|--------------------------------|
| Resolution | 1080P, 720P, VGA | Video size |
| Video Length | 10S, 30S, 60S, 90S | The time length of video |
| Record Audio | On, Off | If On, Video sound is recorded |

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| Setup | Sub menu | Description |
|---------------------------|---|--|
| Mode | Camera, video, camera& video, Timelapse | Taking picture, video, picture and video, taking picture regular |
| Language | English, Francais, Deutsch and so on | Camera Menu language |
| Timelapse interval | 5/30/60 Min | Taking picture or video every 5/30/60 minutes constantly |
| TV Mode | NTSC, PAL | TV play mode |

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| Setup | Sub menu | Description |
|------------------------|---------------------------------|--|
| Date/Time | 2018-09-03 16:37:25 | Year-Month-Date Hour: Minute:Second |
| Timer | ON, OFF | If On, the camera only works in the period |
| Password | **** | 4 digital numbers(1314 Universal password) |
| Format | SD Card | All files of memory card will be deleted |
| Default Setting | return menu setting to defaults | Cancel/OK |
| Version | 03/09/2018 16:37:25 | Camera version |

- At night, motion detector may detect beyond range of the IR illumination, reduce distance setting by adjusting sensor sensitivity.
- Rising sun or sunset can trigger sensor. Camera should be reoriented.
- If person/animal moves quickly, it may move out of the camera's field of view before photo is taken. Move camera further back or redirect camera.

Camera Stop Taking Images

- Please make sure that the memory card has enough memory storage. If the card is full, camera will stop taking images.
- Check batteries to make sure that alkaline, NIMH or lithium AA batteries left power is enough for camera to work
- Make sure that the camera power switch is at the "On" position and not at the "Off" or "Test" modes.
- Please format the memory card when you first time to use it or change to use another memory card

Camera to ON Mode

When you complete all the setting, slide switch to "ON" mode, after Red flash for 5 seconds, then the camera will start to work.

- **Cautions:** camera display and control panel will be useless when camera at "ON" mode, you need to slide switch back to "TEST" mode to preview the pics.

TROUBLE SHOOTING

Camera Doesn't Capture Subject of Interest

- Check the PIR sensitivity. For warm environmental conditions, set the Sensor Level to "Low" and for cold weather use, set the sensor for "High".
- Try to set your camera up in an area where no heat resources are in the camera's field of view.
- In some cases, set the camera near to water will make the camera take images with no subject in them.
- Try to aim the camera over ground.
- Try to set camera on stable and immovable objects, i.e.: large trees.

Night Vision Flash Range Doesn't Meet Expectation

- 4pcs AA batteries is not able to support camera night vision ability, please install 8 pcs AA batteries for better battery life
- make sure that batteries are fully charged or left power is enough.
- High-quality 1.5V NIMH or Lithium rechargeable AA batteries can offer much better Infra flash range than alkaline batteries.
- To ensure accuracy and quality of night image, please try to mount camera on dark environment without obvious light sources.
- To ensure accuracy and quality of night time image, please mount camera to dark environment without any obvious light sources.
- Certain surroundings (like trees, walls, ground, etc.) within flash range can get you better night time images; please do not aim camera to total open field where there is nothing within IR flash range to reflect flash back, it's like shining a flashlight into sky in night, you just can't see anything, same does camera.

WARRANTY

With great pride and full confidence in products, we always keep our words which are given to our customers as specified warranty terms and services below. Based on a strict QC system, we initially offer all our customers one-year long time limited warranty.

Our products are warranted against defects in materials and workmanship for a period of one year from the date of original purchase. If a defect exists, we will, at our option and to extent permitted by law will

- (1) repair the product at no charge using new or refurbished parts;
- (2) exchange the product with a functionally equivalent product that is new or refurbished.

This warranty excludes damage from abuse, accident, modifications or others that are not defects in materials and workmanship. This warranty only covers failures due to defects in materials or workmanship under normal usage. To obtain warranty service, please contact us to determine the nature of problem before return the product under this warranty (with a written description of the problem and print samples) for repairing or exchanging.