CAMOUFLAGE

Digital Wildlife Camera
EZ60

Wi-Fi

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Introduction

Thank you for purchasing the EZ60 Camouflage Digital Wildlife Camera.

This product is a digital camera for recording and observing wildlife. To make our product easy to use and have a general understanding, we have made this manual specifically for you. This manual explains how to use this camera systematically. Read this manual carefully before use, so that you quickly and correctly master the method.

The contents of this manual are for reference only and use the latest information available at the time of writing. The screen displays, illustrations, etc. used in this manual are for a more detailed and intuitive explanation of camera operation. Due to differences in technology development and production batches, they may differ slightly from the camera you actually use.

If you have any questions while using this product, please contact us. We will be happy to serve you.

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1. Package Contents

Carefully unpack the camera and check that all of the following components are contained in the box:

1. The Camouflage Digital Wildlife Camera

2. Fastening strap

3. USB cable

4. Instruction manual

Note:

- Remove the protective foil from the camera lens by pulling the protruding tab.
- Caution! Keep plastic foils away from babies and small children as there is a risk of suffocation.

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2. Hazard, safety, and warning notices

Improper use of the camera and accessories can be dangerous to you and others and can damage the camera. We, therefore, ask you to read the following danger, safety, and warning instructions and to strictly observe them.

Intended Use

- This camera is intended for taking digital photos and video clips. The camera is designed for private use and is not suitable for commercial purposes.

Dangers for children and persons with limited ability to operate electronic equipment

The camera, accessory, and packaging are not toys for children. These should therefore always be kept away from children. There is a danger of electrocution, poisoning, and suffocation.
The camera and accessory may not be used by children and persons with limited abilities. The camera may only be operated by persons physically and mentally able to operate it safely.

Electrical hazard

- Turn the camera off and remove the batteries if a foreign object or liquid has entered the camera. Let all parts dry thoroughly. Otherwise, there is a risk of fire or electrocution
- Turn the camera off and remove the batteries if the camera has been dropped or the case has been damaged. Otherwise, there is a risk of fire and electrocution.
- The camera must not be disassembled, modified, or repaired. Otherwise, there is a risk of fire and electrocution.

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- Only use a power adapter (not included) with an output voltage of 6V (check the type plate). Otherwise, there is a risk of fire or electrocution.
- Disconnect the power by unplugging the power adapter from the wall outlet.
- A connected power adapter (not included) can continue to use power and is therefore a source of danger.

Heat damage - fire hazard

- Do not leave the camera in places subject to significant temperature rises (for example, a car). The housing and internal parts may be damaged, which in turn may cause a fire.
- Do not wrap the camera or place it on textiles. This can cause a build-up of heat inside the camera that can cause deformation of the housing and create a fire hazard.

Injuries and material damage

- Only place the camera on a solid surface. Otherwise, the camera could fall or tip over, causing damage or injury.
- Do not use the camera while running or driving. You can fall or cause a traffic accident.
- Only use a mains adapter (not supplied) for the camera, with an output voltage of 6V (indicated on the type plate). We accept no liability for damage caused by the use of an incorrect mains adaptor.
- The 230V socket used for the mains adapter (not included) must not be covered and must always be accessible so that the mains adapter can be quickly disconnected from the mains if necessary.
- Provide adequate ventilation and do not cover the AC adapter (not supplied) to prevent overheating.
- Place naked flame sources, such as lighted candles, on or near the device.
- Do not subject the LCD monitor to shock or pressure. This may damage the glass of the monitor or cause the liquid to leak from the inside.

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- In case of contact with eyes or skin, rinse immediately with clear water.
- In case of contact with eyes, seek medical advice immediately.
- Damage to the electronics, the monitor, or the lens caused by external influences such as bumps, drops, or others is not covered by the warranty. Repairs for this are not free.
- Do not drop or hit the camera. Always handle it with care, otherwise, the camera may be damaged.

3. Introduction

The Wildlife Camera is a wildlife and surveillance camera with a 3-zone infrared sensor. The sensor can detect sudden changes in ambient temperature within an evaluation range. The signals from the highly sensitive infrared sensor (PIR, passive infrared sensor) turn on the camera and activate the image or video mode.

Features of the Wild Camera:

- 30 Megapixel photo and 4K Full HD video.
- 2.4-2.5GHz 802.11 b/g/n WiFi high speed up to 150Mbps.
- 2.4 GHz ISM frequency Bluetooth.
- WiFi function, you can preview, download, and directly delete the photos and videos taken, take photos and videos, change settings, and view the battery and memory capacity through the APP.
- Low consumption 5.0 Bluetooth to activate the WiFi hotspot.
- The unique sensor design provides a 120° wide detection angle and improves camera response time.
- Sharp and clear color images during the day and crisp black and white images at night.
- Impressively fast trigger time of 0.3 seconds, pre-boot in 0.2 seconds.
- Protected against spray water according to standard IP66.

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- Lockable and password protected.
- Date, time, temperature, battery percentage, and moon phase can be displayed on the images.
- With the "Camera Name" function, locations are tagged on photos. If multiple cameras are used, this feature makes it easier to identify locations when viewing photos.
- Operation is possible under extreme temperatures from -20 °C to 60 °C.
- Extremely low power consumption in standby mode and therefore extremely long operating times (in standby mode for up to 6 months with 8 AA batteries).

Application areas

- Camera trap for hunting.
- Observation of animals or incidents.
- Motion-controlled security camera for home, office, or public.
- Any internal and external supervision, where proof of a breach must be provided.

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4. Your camera

4.1. Front view

LED infrared light

Locking bracket

Light sensor

Lens

Central sensor zone

Side sensor zones

Motion indicator
blue/red LED

Locking bracket

Microphone

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4.2. Inside view

Screen

WiFi/UP

Menu button

OK button

Replay button

Speaker

Shot/zoom in button

Video/zoom out button

Mode switch
OFF/SETUP/ON

Memory card slot   Mini USB connection
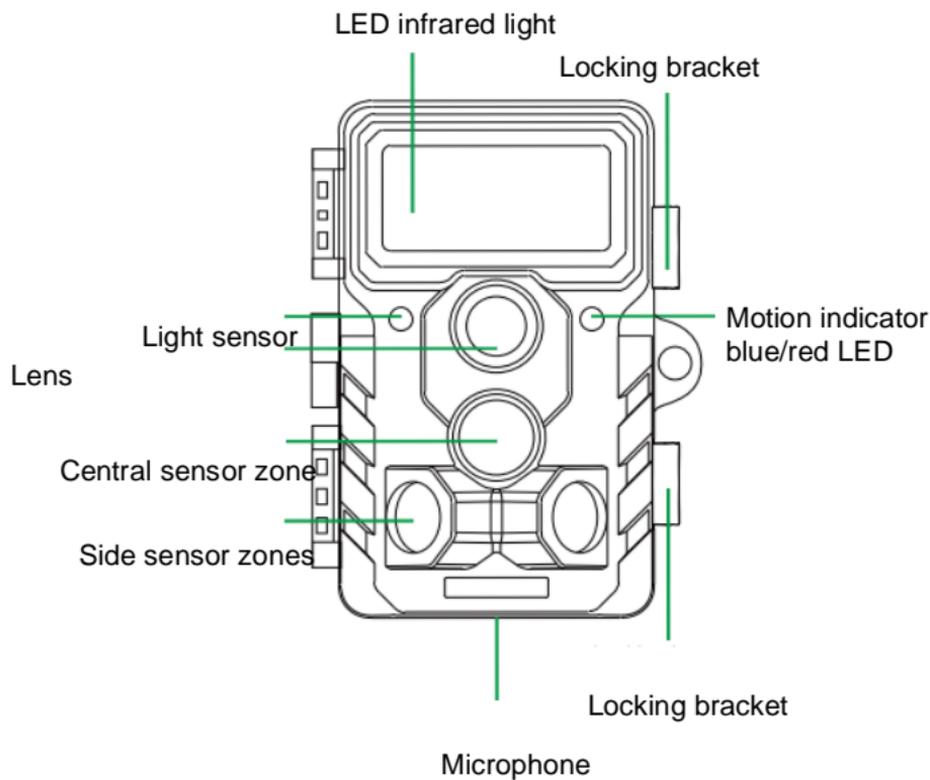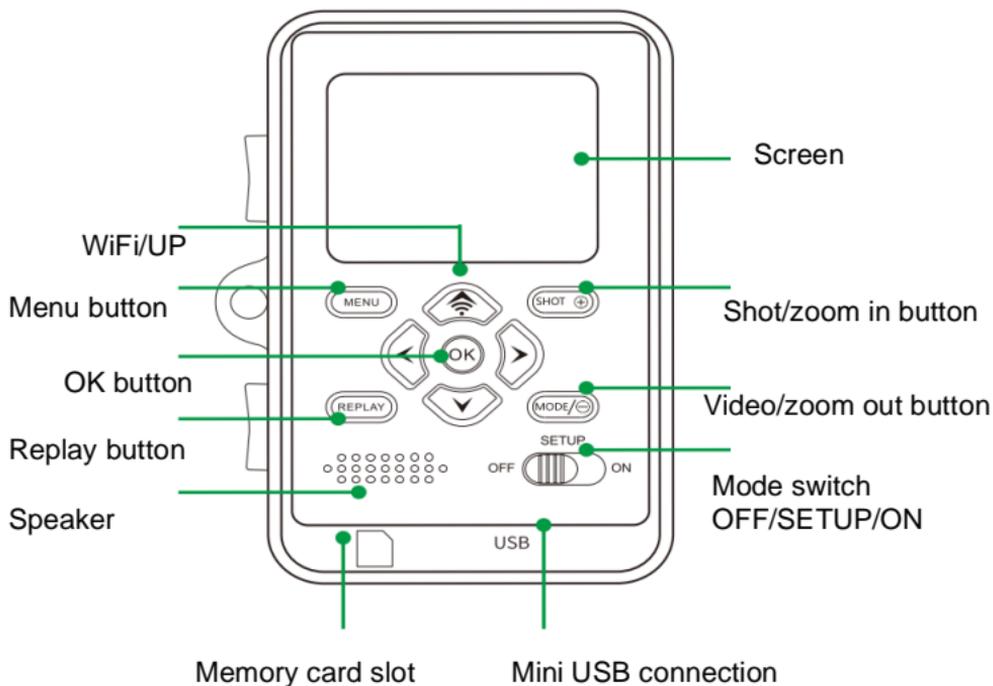
- The monitor is only enabled in SETUP mode for changing menu settings or viewing existing photos.
- An SD or SDHC memory stick must be inserted in the memory card slot to store photos.
- The camera can be connected to a computer using a mini-USB connection (USB 2.0).
- With the mode switch, the three operating modes OFF, SETUP, and ON can be selected

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Seal ring

Battery compartment

DC connection

1/4 inch tripod thread
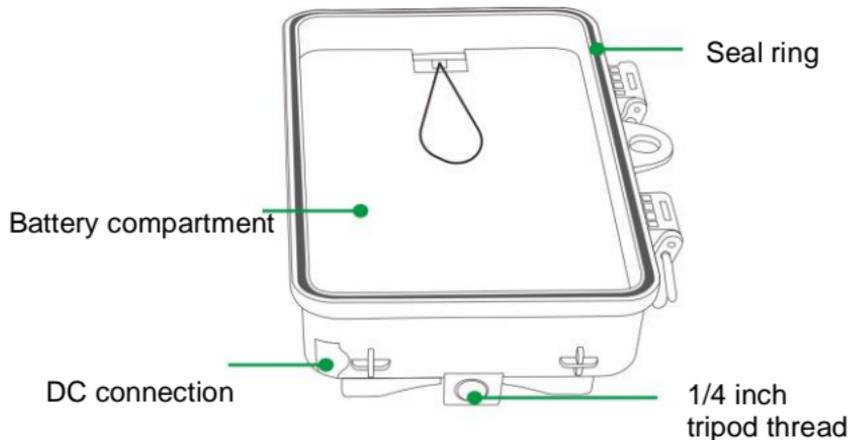
5. Preparing the camera

5.1. Opening and closing the camera

The control buttons, connections, and batteries are located inside the Wildlife Camera.


Fig. 1.

Fig. 2.

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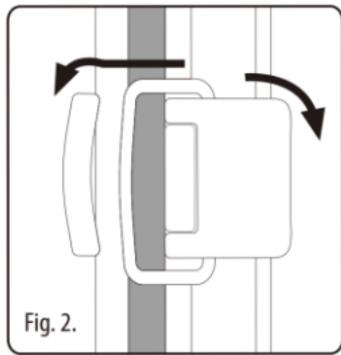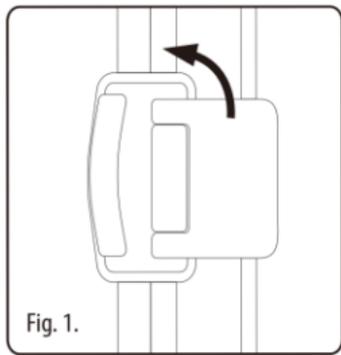
A padlock attachment is fitted between the two locking brackets to securely lock the camera.

5.2. Inserting the batteries
Open the camera as described in section 5.1 to insert the batteries. The battery compartment is located on the right back of the camera. Open the protective cover of the battery compartment by slightly pulling in the clip on the top before lifting the cover off.

First, remove any installed batteries from the battery compartment. Insert 8 fully charged batteries as shown in the picture below. When inserting the batteries, pay attention to the correct position as indicated for each battery in the battery compartment.
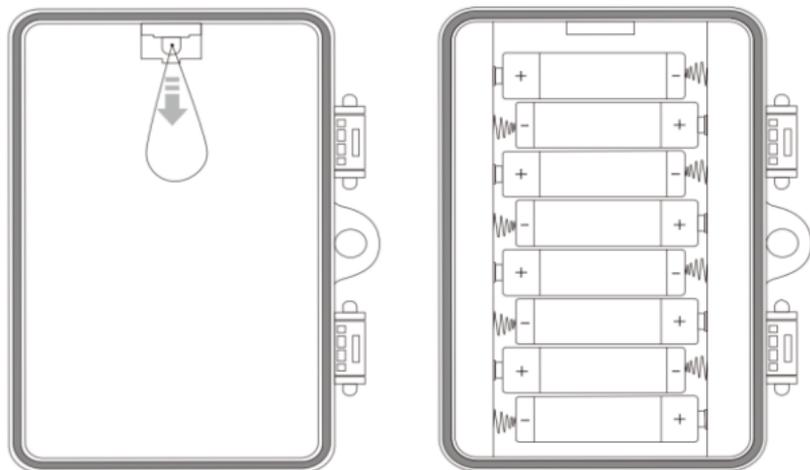

Note:

We recommend using 8xAA alkaline batteries to ensure the normal operation of the camera. **Don't use rechargeable batteries.**

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5.3. Inserting the memory card

A memory card must be inserted to save photos and videos.
Insert an SD/SDHC memory card into the memory card slot before turning on the camera.
Turn off the camera and open it as described in section 5.1.
Before inserting the memory card, make sure that the write protection on the memory card is not activated (see image).

Write Protection unlocked   Write Protection locked
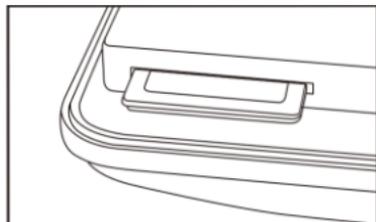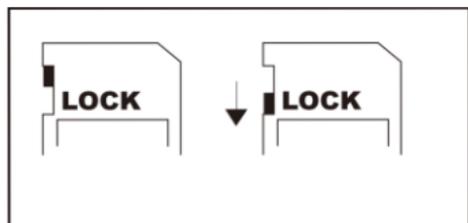
If the camera displays "Card protected", remove the memory card and reposition the write protect.
Insert the memory card as shown in the image above. Push the memory card into the memory card slot until it clicks.
To remove the memory card, push the card back in until it partially ejects.

Note:

- SD/SDHC memory cards up to 256GB in capacity are supported.
- Use an SD/SDHC memory card for U1 CLASS 10 or higher.

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5.4. External power supply

The camera can be operated using an external power supply.
A 6V power supply, minimum 2.0A, is required with a connector with a 3.5mm external and 1.35mm internal diameter (internal positive pole, external negative pole).
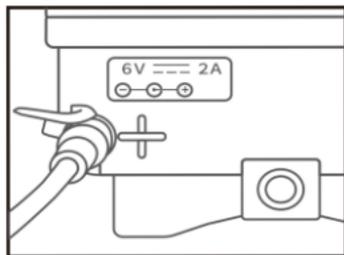
5.5. Assembly with the strap

Use the supplied mounting strap to attach the Wildlife Camera to a tree or other object. The images below show how to fasten the retaining strap.
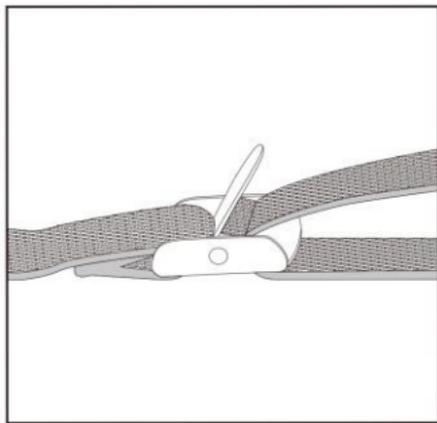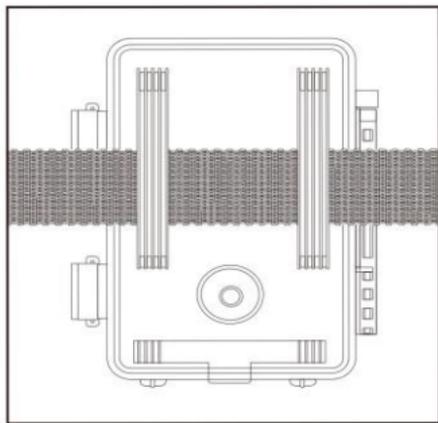

Position the Wildlife Camera as desired and pull the loose end of the mounting strap tight until the camera is firmly fastened.
To release the mounting strap, pull the tab of the mounting strap.

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5.6. Getting your new camera ready for use

Open the locking brackets and the battery compartment cover - insert batteries - insert memory card - go to SETUP - enter the system menu by pressing the MENU button - select reset to factory settings.

The power supply must not be used during a thunderstorm. Otherwise, there is a danger of electrocution.
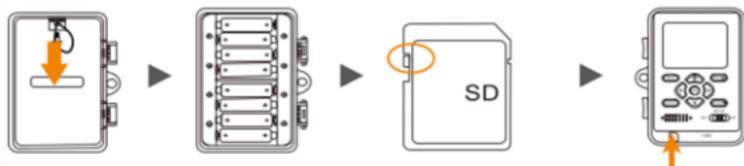
Open the battery cover.	Insert 8 pieces of batteries. Battery Model: AA LR6	Make sure that the write protection on the memory card is not activated.	Insert a U1 class 10 or higher SD/SDHC memory card into the memory card slot before switching on the camera and select SETUP mode to adjust
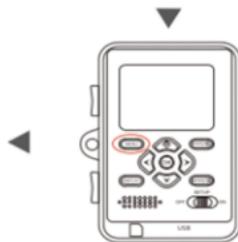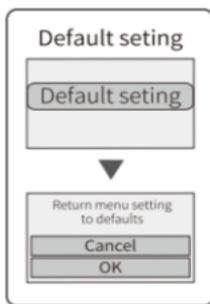
Press "MENU" to enter the system settings menu.

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6. Using the camera

Before setting up the camera for surveillance, it must be set up for the respective purpose. A setting mode is available for this. In this mode, you can not only change settings but also take photos and videos and view existing photos.

6.1. Mode switch

Open the camera as described in section 5.1. The mode switch is located at the bottom left inside. Three operating modes can be selected:

OFF: The camera is completely turned off in OFF mode.

SETUP: Select SETUP to adjust settings and play photos and videos.

ON: The camera is enabled to take pictures automatically (Live mode).
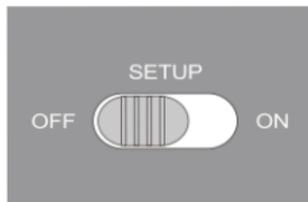
6.2. Operating buttons

Set the mode switch to SETUP and the camera and monitor will turn on. Using the operating buttons, various functions can now be activated and settings can be changed. The following operating buttons are provided on the display for this purpose:

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Functions of the operating buttons in standby mode

The operating buttons are described below in the recording mode with the non-activated menu.

MENU	Open the Settings menu using the MENU button.
REPLAY	Press this button to start replay mode.
MODE/⊖	Change the working mode.
SHOT/⊕	Take a photo or video, or stop recording.
🛜	Switch the WiFi hotspot On/Off.
OK	No function (in standby mode).
◀	No function (in standby mode).
▶	No function (in standby mode).
▼	No function (in standby mode).

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Functions of the operating buttons in replay mode

The following describes the operating buttons in the replay mode with the non-activated menu.

MENU	Enter into deleting or protecting video or photo files.
REPLAY	Enter into or exit replay mode.
⌃	View existing pictures/videos backward and drag them upwards to view the photo.
⌄	View existing pictures/videos forwards and drag downwards to view photos.
⟩	Drag right to view photos or zoom in and skip ahead to the video.
⟨	Drag left to view photos or zoom in and skip back the video.
OK	Start and pause the replay of videos.
MODE/⊖	Zoom out the photos.
SHOT/⊕	Zoom in on the photos.

Functions of operating buttons in MENU setting

Below, the operating buttons are described in the replay mode with an activated menu (Recording and Replay mode).

MENU	Close the Main menu or any sub menu by pressing the MENU button.
⌃	Move up one menu point or increment the value by 1.
⌄	Move down one menu point or decrease the value by 1.
❯	Move forward to the data setting.
❮	Move backward to the data setting.
OK	Open selected options or accept selected settings. Confirm each change to a setting by pressing **OK**. If the change is not confirmed by pressing the **OK** button, the new setting is lost when leaving the menu.
REPLAY	No function (in MENU mode).
MODE/⊖	No function (in MENU mode).
SHOT/⊕	No function (in MENU mode).

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6.3. Settings

Before using the Wildlife Camera, change the settings as required. Slide the mode switch of the Camera to the SETUP position to start the setup mode. In the Photo or Video mode press the MENU button to call up the menu. All menu options for the Camera and possible setting values for the recording mode are listed below. The standard setting is always highlighted in bold.

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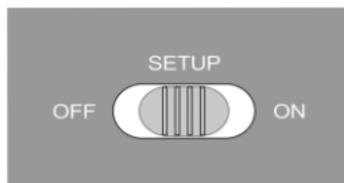
- **Mode: Photo,** Video, Photo + Video
Select whether photos or videos should be taken when motion is detected. When in the "Photo + Video" mode, the camera first takes a set number of photos before recording a video.

- **PIR Interval:** Defaulted 30 seconds, optional from 5 seconds ~ 60 minutes.
Select the shortest setup period for the camera to wait before it reacts to the successive triggering of the main sensor after an animal has first been detected. The camera does not record any images or videos during the selected interval. This prevents the memory card from being filled with unnecessary shots.

Note:
The interval time is short, the camera shooting frequency would be high, and there would be a high consumption of batteries. It would affect the usage days of the batteries. If it is just the opposite, and the interval time is long, there would be a lower consumption of batteries to guarantee a long time usage.

- **PIR Sensitivity:** High/**Medium**/Low

- **Time-lapse: Off**/On
When "on" has been selected, the camera would automatically take photos/ videos in the selected time interval, irrespective of whether or not the PIR sensor has detected a motion or not. This is useful for observing cold-blooded animals e.g. snakes or plants opening up, etc. As soon as the "On" setting has been confirmed by pressing the **OK** button, you can enter the interval time after which photos/ videos are to be taken.

In this mode, the PIR function would stop working, and the camera would take photos/ videos in the setting interval time.

- **IR LED: Auto**/Economy/Off
  Set the infrared LEDs brightness.

- **Low Bat Night Shot: No IR Led/**No Shutting
  No IR Led: The camera takes photos and videos without opening IR LEDs at night when the battery is quite low.
  No Shutting: The camera doesn't take photos and videos at night when the battery is quite low.

- **Monitoring Period: Off**/On
  Set the timer to "On" if the camera should only be active within a certain time.
  Once "On" has been confirmed with the OK button, the start and end time can be set.
  If the start time is, for instance, set to 18:35 hrs. and the end time to 8:25 hrs., the camera will be operational from 6:35 pm of the current day until 8:25 am of the following day. The camera will not be triggered and will not take any photos or videos outside of this period.

- **Side PIR Setup:** Off**/On**
  The two side PIR sensor zones provide a wide detection angle and detect more potential triggers.
  Sometimes you only wish to observe a certain point.
  Too many irrelevant triggers from the side sensor zones outside of this point continuously switch the camera on and off, considerably affecting battery life. In some situations, it may be difficult to remove interfering branches or avoid sunlight. In these situations, you can switch off the side sensor zones.

- **Image size:** 30M:6320x4736; 24M (6544x3680), 20M (5888x3312), 16M (5376x3024), 12M (4608x2592), 8M (3840x2160), **5M (2960x1664),** 3M (2400x1344), 2M (1920x1088).
  Select the desired resolution for photos. We recommend the resolution 5M. A higher resolution produces a somewhat better photo quality but results in larger files requiring more space on the memory card. 30M, 24M, 20M, 16M, 12M, and 8M resolutions are generated by interpolation which can also affect quality.

- **Picture NO.: 1P**, 2P, 3P, 4P, 5P, 6P, 7P, 8P, 9P, 10P.
  Select the number of photos to be taken in succession when the camera is triggered in the Photo mode. Please also observe the parameter Interval!

- **Shutter speed:** 1/15, 1/20, **1/30**

⚙ 🔘 🎥 ✿

- **Resolution: 4K(3840 x 2160 30fps);** 2K(2560 x 1440 30fps); 1296P (1728x1296, 30fps), 1080P (1920x1080, 30fps), 720P (1280x720, 30fps), 480 (848x480, 30fps), 360 (640x360,30fps).
  Select the required video resolution.
  A higher resolution produces higher-quality videos but results in larger files requiring more space on the memory card.

- **Video length: Defaulted 10 seconds,** optional 5 seconds ~ 180 seconds

Specify the duration of a video recording when the camera is triggered automatically. The recording period for videos is not limited in the SETUP mode.

- **Record Audio:** Off**/On**

- **Language:** Select the desired menu language
  The following languages are available: **English**, German, French, Spanish, Chinese, etc.

- **Default setting(Reset to factory): Cancel**/OK
  Press "OK" to reset the camera settings to the default values and confirm the selection by pressing the **OK** button.

- **Format: Cancel**/OK
  All files are deleted by formatting the memory card. Press the **OK** button and confirm formatting by selecting "OK".
  We recommend formatting the memory card if it has already been used on other devices or if it is a new card.
  Caution: Ensure that files still required have been backed up before formatting!

- **Date / Time:** Set date and time

- **Time Format:** 12hour/**24hour**

- **Date Stamp: On**/Off
  Select "ON" to print the date, time, temperature, battery percentage, and moon phase on each photo or video. Otherwise, select "Off".

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- **Password Setting: Off**/On
  After selecting "On" enter a four-digit password to protect your camera against unauthorized access.
  This password must be entered each time the camera is switched on in the SETUP mode before the camera can be used.

  Note:

If you forgot your password, please unlock the camera with the password "OPEN".

- **Bluetooth:** Off/**On**

- **WiFi SSID:** 4K WIFI CAM****
You can use a combination of 10 digits and 26 letters to document the location of the photos and videos. When using several cameras this makes it easier to identify the location when viewing photos and videos.

- **WIFI   Password:**   Default   12345678

- **Auto WIFI Off: 1 minute,** 2 minutes, 3 minutes
  If the camera turns on the WiFi hotspot, but the phone doesn't connect to the WiFi hotspot successfully within the selected time, then the WiFi hotspot will disconnect automatically and the camera will return to SETUP   mode   or   ON   mode.

- **Auto Power Off: 3 min**/5 min/10 min/Off
- If there is no operation more than the selected time, then the camera will   turn   off   automatically   in   SETUP   mode.
  Beep Sound: On/Off

- **Camera name:** 4K WIFI CAM****
  You can use a combination of 10 digits and 26 letters to document the location of the photos and videos.

- **Backlight: 1 Minute**, 3 Minutes, 5 Minutes, Off
  The LCD monitor would automatically turn off after the set time.

- **Version:** You can check the software version.

- **Mcu FW Update**

- In replay mode, the option Delete and protect are available in the menu.

  - **Delete:** Select the "Delete" option to remove individual or all photos and videos from the memory card thus making storage room for new photos and videos.

  - **Delete All:** Select the option "All" to delete all photos and videos on your memory card. To confirm the deletion of all your photos and videos, select Yes" and press the OK button. Select "No" to interrupt the deletion operation.

  - **Delete Current:** Using this option you can delete individual photos and videos. After selecting the option by pressing the OK button, the photo and video to be deleted are shown. Confirm the deletion by selecting "Yes" and confirming the selection by pressing the OK button. To end the deletion process, select "No" and confirm by pressing OK.

  - **Protect:** Lock Current/ Unlock Current/ Lock All/ Unlock All.

6.4. WiFi APP connection

Before using the WiFi function, please install the APP application on the smartphone device. Scan the QR code inside the battery compartment inside the camera.

6.4.1. Connect the Bluetooth

Slide the mode switch of the camera to the TEST or ON position, and

then turn on the mobile phone, click the APP , and enter STEP1 as shown in the following figure.
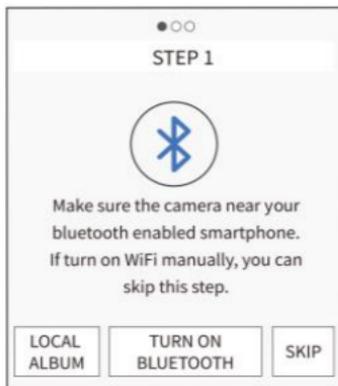
1. Click to enter "LOCAL ALBUM", users can view, share, and edit the pictures or videos which they download before.

2. Click "TURN ON BLUETOOTH", and turn on the Bluetooth accordingly to the prompt of the APP. The APP will enter "STEP2" and automatically search Bluetooth devices by itself, as shown in the figure below:

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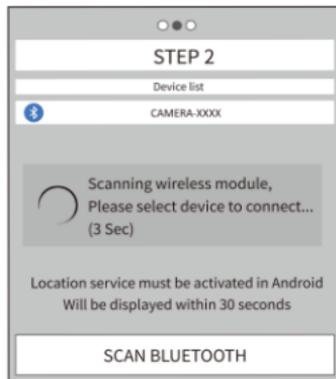
3. The searched Bluetooth devices will permutation displayed under the "device list", as shown below:
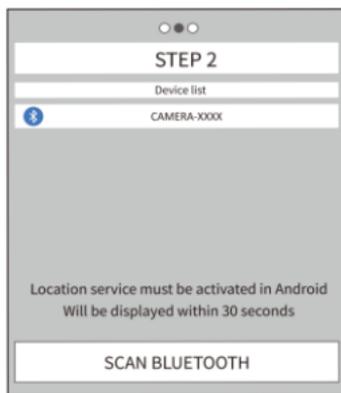
4. Click the appropriate Bluetooth device, APP would connect with the camera Bluetooth. The mobile phone will pop up the window "Connecting...*** please wait...". After a successful connection, the

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APP would enter into the "STEP3", and then the camera Bluetooth matched successfully with the mobile phone Bluetooth.
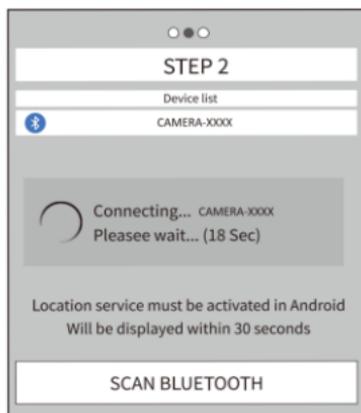
Note:

In SETUP mode, the user can directly connect with the APP when the user doesn't want to use the Bluetooth function, just directly press the 🛜 button on the camera to open the WiFi hotspot. And press "Skip" in the APP to enter the WiFi interface.

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6.4.2. WiFi connection

When the Bluetooth connection is successful, the APP would enter
"STEP 3" as shown in the below diagram.

1. Click "RENAME BLUETOOTH", the user could modify the Bluetooth
   device name accordingly to his own needs, after the modification, click
   the "OK" button and save it. See the details in the below-shown
   diagram:

CAMOUFLAGE
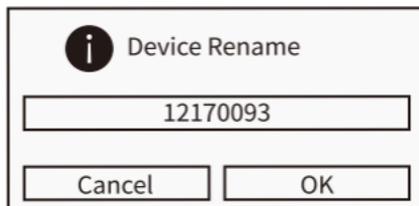
2. Click "TURN ON WiFi", after 5s countdown, it would jump to the interface of "WiFi SETTING", details as below shown diagram:

STEP 3

Set the WiFi on.

| RENAME BLUETOOTH | TURN ON WiFi |

1. Click the 'WiFi setting' below
2. Select the right hotspot to connect
3. Return to the APP
4. Click the '+' to connect with camera

WiFi SETTING

Android

1. Please switch from the app to the wifi setting on the phone
2. Select the right hotspot to connect
3. Return to the APP
4. click the '+' to connect with camera

iOS

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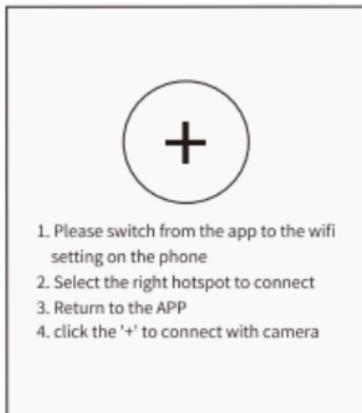
When the camera receives the command to turn on WiFi, the hotspot would be turned on as below shown.

AP mode

SSID: 4K WiFi CAM f7a01f2aee74

PWD: 12345678

Operate steps 1~4 following the interface.

a. Open the WLAN on the phone.

WLAN

Advanced settings

Choose network

4K WIFI CAM****
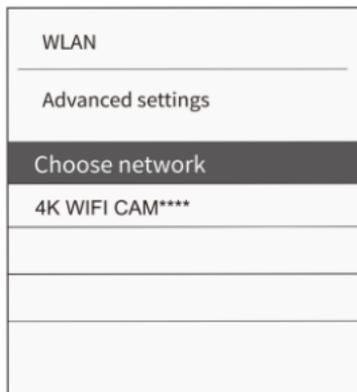
b. Connect with the correct WiFi hotspot, the initial password is 12345678.

WLAN	🔵
Advanced settings	>
Choose network	
4K WIFI CAM**** Connected(no internet access)	📶
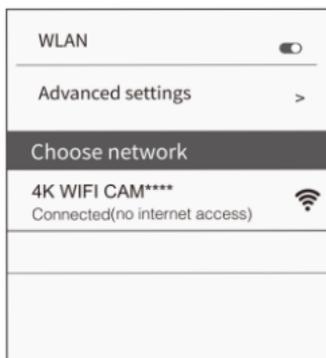
After a successful connection, the interface display in the camera as below shown:

WiFi Connected
Mac: d8c7714fffc9
Press UP to Disconnect

C. When the phone is far from the camera more than 15m, then the WiFi hotspot in the phone will disconnect automatically, after "Auto WiFi Off" time, the camera will automatically exit the WiFi function, and return to SETUP mode or ON mode.

Return to the APP after the WiFi successful connection, and then APP would automatically connect with the camera or click "+" to manually connect.

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When the APP and camera connect successfully, the interface is as below shown:
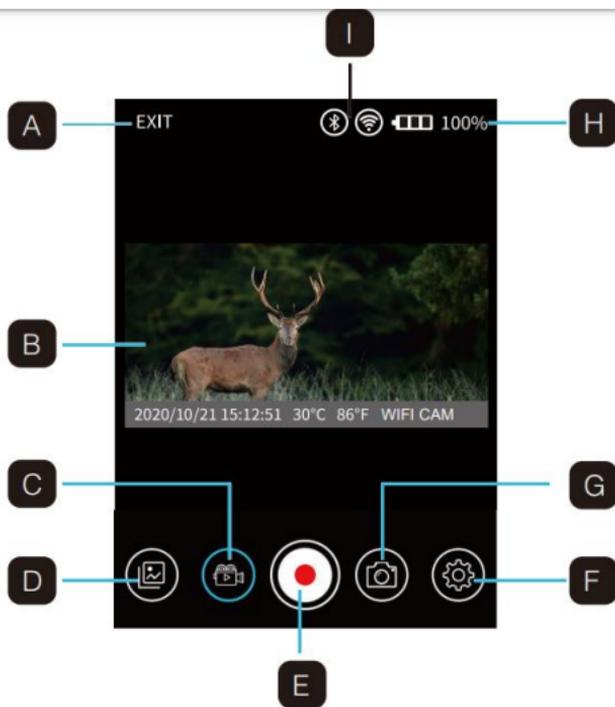
A. Exit the APP
B. Live image
C. Video mode
D. Review picture or video
E. Release button

F. Settings
G. Photo mode
H. Trail camera battery level
I. WiFi and Bluetooth

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Instruction Video WIFI:

If you want to see the instruction video for wifi setup, go to:
youtube.com/watch?v=mnGqVif-VpY

or scan:

6.5. Aligning the camera

The Test mode is advantageous for determining the best possible detection angle and range of the movement sensor. For this purpose attach the camera at approx. 1-2m height to a tree and align the camera with a desired direction.
Move slowly from one side of the observed area to the other. Move parallel to the camera. Try out different angles and distances.

- The blue LED on the front of the camera indicates that you were detected by a side sensor zone.
- The red LED on the front of the camera indicates that you were detected by a central sensor zone.

Blue/Red LED

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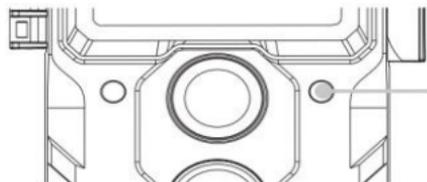
In this way, you can determine the best position for aligning the camera.

The LED only lights up in the SETUP mode as soon as one of the sensors has detected movement. The LEDs do not light up when in Live mode.

To prevent incorrect signals and unnecessary photos, we recommend not using the camera at sunny points and checking that no branches are in the active area of the sensor. The optimum alignment is in the North or South direction. The detection range of the sensors is approx. 120°.

Also, check that the camera is set to the correct height in line with the point to be observed. Where necessary, point the camera down for optimum alignment.

Note:

Wildlife Camera corresponds to protection class IP 66. The camera is protected against dust and sprayed water and can thus be used in any weather condition.

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6.6. Setting up the Live mode

The standard application of the Wildlife Camera is the Live mode. When in this mode, photos are either triggered by movement sensors or at intervals according to the respective setting.

To set up the Live mode, switch mode switch to the ON position.

The red status LED flashes for approx. 5 seconds after which the camera operates automatically and enters the Standby mode.
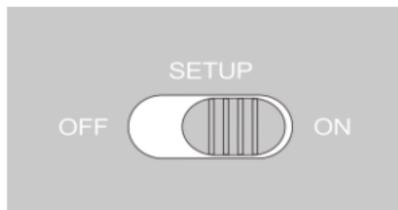
As soon as wild animals or other objects directly enter the detection area of the central sensor zone, the camera starts to record photos and videos. Where wild animals enter the detection range of the side sensors, the sensors detect the movement and activate the camera. As soon as the wild animals move further into the detection range of the central sensor zone, the camera starts to take photos/videos.

When after movement has been detected by the side sensors no further movement is detected for five minutes, the camera returns to its Standby mode.

Advantages of PIR sensors (Passive Infrared Sensors)

To save on battery power, an infrared camera is normally in Standby mode in which only the main sensor is active. As soon as the central sensor zone detects wild animals, the camera is switched on and starts taking photos.

The time between the activation and the start of shooting is referred to as triggering time.

Where wild animals do, however, move past the camera swiftly, it is possible that the photo only shows the rear part of the body or possibly nothing at all.

The Wildlife Camera solves this problem due to the unique design of the lateral PIR sensor zone. The combination of the two lateral sensor zones and central sensor zone produces a 120° induction angle, by far exceeding the angle of an individual sensor.

When wild animals first pass through the detection range of the side PIR sensor zone, the camera is activated and is ready to start shooting after 0.3 seconds.

When the wild animal then slowly enters the detection range of the central sensor, the camera starts shooting and thus records the entire body of the animal. This process takes approx. 0.2 seconds. Where the wild animal remains only within the detection range of the side sensor zones, the system is designed as follows to prevent the permanent supply of power to the camera:

Where the wild animal does not enter the detection range of the central sensor zone and thus does not trigger the sensor, the camera returns to Standby mode after 5 minutes.

Where triggering incidents occur twice in succession only within the detection range of the side sensor zone, the camera is not activated by the side sensor zone but only by the central sensor zone. At a later stage when the wild animal finally enters the detection range of the central sensor zone and does not move rapidly, the photo (based on the standard reaction time of one second) will probably capture the entire body of the animal.

6.7. Night recording

During night recording the infrared LEDs (IR LEDs) at the front of the Wildlife Camera provide the light required for taking photos. The Wildlife Camera uses IR LEDs with a long wavelength, to keep red light to a minimum.
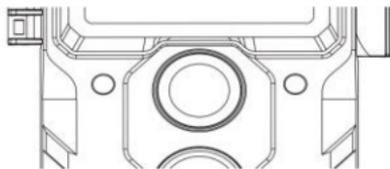
The provided number of IR LEDs generates a high deflection angle thus allowing night recording at a distance of 3m to 20m, without overexposing the object. Reflecting objects can, however, also cause overexposure within this range (e.g. road signs).

Please note that night recording using IR LEDs produces black-and-white Images.

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6.8. File format

The Wildlife Camera stores photos and videos on the memory card in the folder "\DCIM\ MOVIE&PHOTO".

Photos are given a file name with the extension "JPG" (Example: "IM_00001.JPG"), and videos, are given the extension ".MP4" (Example: "VD_00002.MP4").

When in SETUP and OFF mode, use the enclosed USB cable to transfer files onto the computer. Alternatively, you can insert the memory card in a card reader on the computer.

The video file can be played with most standard programs, such as Windows Media Player, QuickTime, etc.

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7. Connecting to computer

The Wildlife Camera can be connected to a computer using the supplied USB cables to View existing photos/videos.

System requirements

Windows	Macintosh
Pentium III or higher	PowerPC G3/G4/G5
Windows? XP/Vista/7/8	OS 10.3.9 or newer system
512 MB RAM	512 MB RAM
1 GB available hard disk space	1 GB available hard disk space
Screen resolution 1024x768 or	Screen resolution 1024x768 or
Available USB connection	Available USB connection

1. Connect the camera to your computer using the USB cable.
2. The camera switches on automatically in the USB mode, irrespective of the selection on the mode switch.
3. The camera installs itself on the computer as an additional drive under the name "Remova-ble storage device".
4. Double-click on the device to detect the folder "DCIM".
5. The photos and videos are located in the subfolders of the "DCIM" folder.
6. You can copy or move photo and video files on the computer. Alternatively, you can insert the memory card in a card reader on the computer.
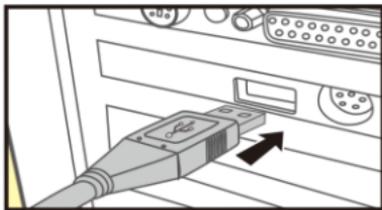
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Mac computers show an "Unknown" drive on the desktop. When clicking on this drive, the program "iPhoto' is automatically started.

8. Technical specifications

Image and video	
Photo resolution	30M(6320x4736); 24M(6544x3680), 20M(5888x3312), 16M(5376x3024), 12M(4608x2592), 8M(3840x2160), 5M(2960x1664), 3M(2400x1344),
Screen	2,4" IPS 320×240(RGB) DOT TFT-LCD
Lens	F=4,3; F/NO=2,0; FOV=88°; Auto IR-filter
Triggering time	Approx. 0,3 second; Pre-boot 0,2 second
Video resolutions	3840 x 2160P 30fps;2560 x 1440P 30fps; 2304 x 1296P 30fps;1920 x 1080p 30fps; 1280 x 720P 30fps; 848 x 480p 30fps; 640 x 360P 30fps
Effectiveness	Daytime: 1m - infinitive; Night time: 3m - 20m
Storage formats	Photo: JPEG; Video: MPEG - 4 (H.264)

Audio	
Microphone	-42dB high sensitivity sound collection
Speaker	1W, 85dB

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WiFi and Bluetooth	
WiFi	2,4 ~ 2,5GHz 802.11 b/g/n (high-speed up to 150 Mbps)
Bluetooth 5.0 Frequency	2.4GHz ISM frequency

Trigger Alarm	
Detection angle of the sensors	Central sensor zone: 60°; Side sensor zone: each 30°; Total sensor angle zone: 120°
Trigger distance	Up to 20 meters
PIR Sensitivity	High/Medium/Low

Data Storage	
Recording medium	Supports SD/SDHC memory cards up to 256GB (optional)

Night Vision	
Day/Night mode	Day/night, Auto-Switching
IR-CUT	Built-in
IR flash	40pcs 850nm infrared LED; range 20m

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APP	
System Requirements	iOS 9.0 or Android 5.1 or above.
Real-time Video Preview	Only supports AP mode, Direct Video Connection, easy to install and test.
APP Function	Installation target, parameter setting, time synchro-nization, shooting test, power warning, SD/SDHC card warning, PIR test,
Quick Parameter Setting	Supported.
Online Data Management	Video, Photos, Events: Support online Viewing, Deletion, and Download.

Power Supply and Power Consumption	
Power supply	8x batteries type LR6 (AA); External 6V power supply, at least 2A (not supplied)
Standby time	Approx. 6 months (with 8 batteries)

Others	
Spray water protected	Yes IP protection class 66 (spray water)
Connections	Mini USB 2.0
Dimensions	Approx. 135 (H)x103 (W)x76 (D) mm

Note:

Design and technical specifications are subject to change.

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9. Simple Trouble Shooting

The camera will not turn on	• Please check the batteries if they are installed properly. • Check if the battery capacity is low or exhausted. If so, please replace them with new batteries.
The camera turns off automatically	• Please check whether the battery capacity is less than 1%. If so, try to change with new batteries for outdoor use or connect the AC adaptor for indoor use.
It shows "SD card Error"	• Please ensure that the SD card is with class 10 standard or higher level. • Please use the camera to format the SD card for the first time.
Videos are choppy or jumpy when played on a computer	• Ensure that the computer system requirements are met. • Ensure MP4 format Video clip can be played on your computer.
The image is not clear	• Please ensure that you removed the protective films on IR LEDs and lens before usage. • Please ensure that the lens is not dirty.
The camera does not take images or record videos	• If the memory of the SD card is full, transfer images or videos to your computer or delete some files in the Replay Mode. • The memory card is not formatted properly. Format the SD card again or use a new card.

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The camera can not turn off	• Once such malfunction occurs, remove all the batteries to reset the camera.
Forgot the password	• Please enter the words "OPEN", in case you forget the password to start the machine.
The phone couldn't connect WiFi	• Check if the WiFi password is correct.
Forgot the WiFi password	• The default setting is the camera, then the password is "12345678".
The Bluetooth couldn't open the WiFi hotspot	• Check in the menu if "Bluetooth" is "ON".

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10.System information, maintenance, and disposal

- Microsoft® and Windows® are trademarks of Microsoft Corporation registered in the US.
- Pentium® is a registered trademark of Intel Corporation. Macintosh is a trademark of Apple Computer Inc.
- SD™ is a trademark.

10.1. Care

Do not use any corrosive cleaners, such as methylated spirits, thinners, etc. to clean the camera housing and supplied accessory. When required, the clean system components with a soft dry cloth.

10.2. Storage

Always remove the battery from the housing if the camera is not being used for some time and store the battery separately. On a day-to-day basis and over longer periods the batteries can be kept at a dry location out of the reach of children.

10.3. Disposal

For disposal, separate packaging into different types and dispose of it in line with environmental regulations in supplied collection containers Batteries and storage batteries may not be disposed of in the domestic waste. Consumers are obliged by law to return used batteries to communal collection points or dealers selling batteries. Storage batteries and batteries do therefore contain the adjacent symbol.

Correct disposal of the product:
The adjacent symbol indicates that electrical and electronic equipment may not be disposed of in domestic waste in the EU. Please use the returns and collection points of your local council or contact the deal

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