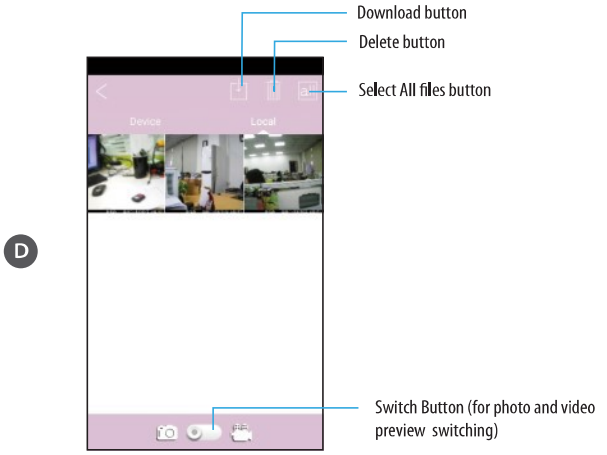
D. Click file management.



D

7.4.4. Exit WiFi

1. Press WiFi button in the camera or OFF button in the remote controller to exit WiFi, then the camera will automatically return to SETUP mode or ON mode.

2. Click the "off WiFi" in APP to disconnect WiFi , then the camera will also automatically return to SETUP mode or ON mode.

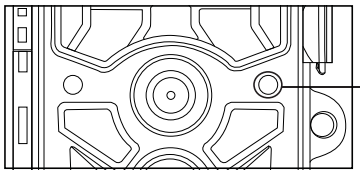
3. When the phone is far from the camera more than 15m, then the WiFi hotspot in the phone will disconnect automatically, after "Auto WiFi Off" time, the camera will automatically exit WiFi function, and return to SETUP mode or ON mode.

7.5. 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. 1-2 m 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.



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.

In order to prevent incorrect signals and unnecessary photos, we recommend not using the camera at sunny points and check that no branches are in the active area of the sensor. Optimum alignment is in North or South direction. The detection range of the sensors is approx. 100° to 120°, the detection range of the lens is approx. 80°.

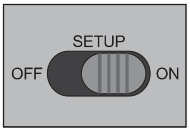
Also check that the camera is set to the correct height in line with the point to be observed. Where necessary, point the camera down for optimum alignment.

Note:

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

7.6. 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 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.

Where 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)

In order 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.

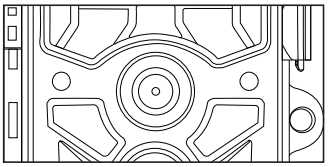
Where wild animals do, however, move past the camera swiftly, it is possible that the photo only shows the rear part of the body or possibly nothing at all. The Wildlife Camera solves this problem due to the unique design of the lateral PIR sensor zone. The combination of the two lateral sensor zones and central sensor zone produces a 100°-120° induction angle, by far exceeding the angle of an individual sensor.

Where 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 0.4 seconds. Where 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 the 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 des not move rapidly, the photo (based on the standard reaction time of one second) will probably capture the entire body of the animal.

7.7. Night recording



During night recording the infrared LEDs (IR LEDs) at the front of the Wildlife Camera provide the light required for taking photos.

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 3 m to 20 m, 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.

7.8. 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 extension "JPG"(Example: "IM_00001.JPG"), 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.

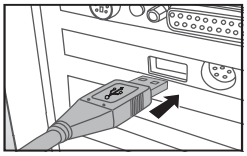
8. Connecting to computer

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
■ 1GB available hard disk space	■ 1GB available hard disk space
■ Screen resolution 1.024 x 768 or higher	■ Screen resolution 1.024 x 768 or higher
■ 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 "Removable storage device".



4. Double click on the device to detect the folder "DCIM".
5. The photos and videos are located in the sub folders 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.

Note:

- Mac computers show an "Unknown" drive on the desktop. When clicking on this drive, the program "iPhoto" is automatically started.

9. Technical specification

Image and Video	
Image sensor	3.0 Mega pixels, 1/3" CMOS sensor
Photo resolution	24M(5632 x 4224), 20M(5120 x 3840), 16M(4608 x 3456), 12M (4032 x 3024), 8M (3264 x 2448), 5M (2592 x 1944), 3M(2048 x 1536), 2M (1600 x 1200)
Screen	2.3" colour TFT LCD; 320 x 240 pixels
Lens	F=4.3; F/NO=2.0; FOV=80°; Auto IR filter
Triggering time	approx. 0.4 second; Pre boot 0.2 second
Video resolutions	1296P(1728 x 1296, 30fps), 1080P (1920 x 1080, 30fps), 720P (1080 x 720, 30fps), 480P(848 x 480, 30fps), 360P(640×360,30fps)
Effectiveness	Daytime: 1 m – infinitive; Night time: 3 m – 20 m
Storage formats	Photo: JPEG; Video: MPEG-4 (H.264)

Audio	
Microphone	48 dB high sensitivity sound collection
Speaker	0.8W, 85dB

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

Data Storage	
Recording medium	Supports SD/SDHC memory cards up to 32 GB (optional)

Night vision	
Day / Night Mode	Day/night, Auto Switching
IR-CUT	Built-in
IR flash	36pcs 850nm infrared LEDs range 20m

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

Power Supply and Power Consumpton	
Power supply	8x batteries type LR6 (AA); 8x NiMH batteries type LR6 (AA) with low self discharge; external 6V power supply, at least 2.0A (not supplied)
Standby time	approx. 6 months (with 8 batteries)

Others	
Spray water protected	Yes (IP protection class66)
Connections	Mini USB 2.0
Dimensions	approx. 135 (H) x 101 (B) x 76 (T) mm

Note: Design and technical specification are subject to change.

10. Simple Trouble Shooting

The camera will not turn on	• Please check the batteries if they are installed in proper way. • 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 5%. If so, try to change new batteries for outdoor using or connect AC adaptor for indoor using.
It shows "SD card Error"	• Please ensure that SD card is with class 10 standard or higher level. • Please use the camera to format SD card at 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 using. • Please ensure that the lens is not dirty.

The camera does not take images of record videos	• If the memory of 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.
Camera can not turn off	• Once such malfunction occurs, remove all the batteries to reset the camera.
Forget the password	• Please enter the words “OPEN”, in case that you forget the password to start the machine.
The phone couldn’t connect WiFi	• Check Wifi password is correct.
Forget the WiFi password	• Default setting the camera, then the password is “12345678”.
The remote control Couldn’t open the WiFi hotpot	• Check the mena ”Remote” is “ON”.
LED indicator of remote control not flash	• If the battery is low, please change a new one.

11. System information, Maintenance and Disposal

Trademark information

- 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.

Other names and products can be trademarks or registered trademarks of the respective owners.

11.1. 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.

11.2. 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.

11.3. Disposal

For disposal, separate packaging into different types and dispose of in line with environmental regulations in supplied collection containers. Batteries and storage batteries may not be disposed of in 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 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 your dealer you purchased the product from. This prevents potentially harmful effects on the environment and health as a result of incorrect disposal. For further information contact the respective department of your local council.