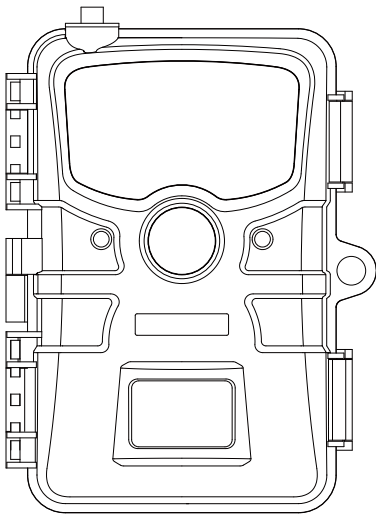


Instruction Manual

CELLULAR TRAIL CAMERA



4G

24.0

24 Megapixel

IP66

Waterproof

2.4"

IPS TFT-LCD

0.4S

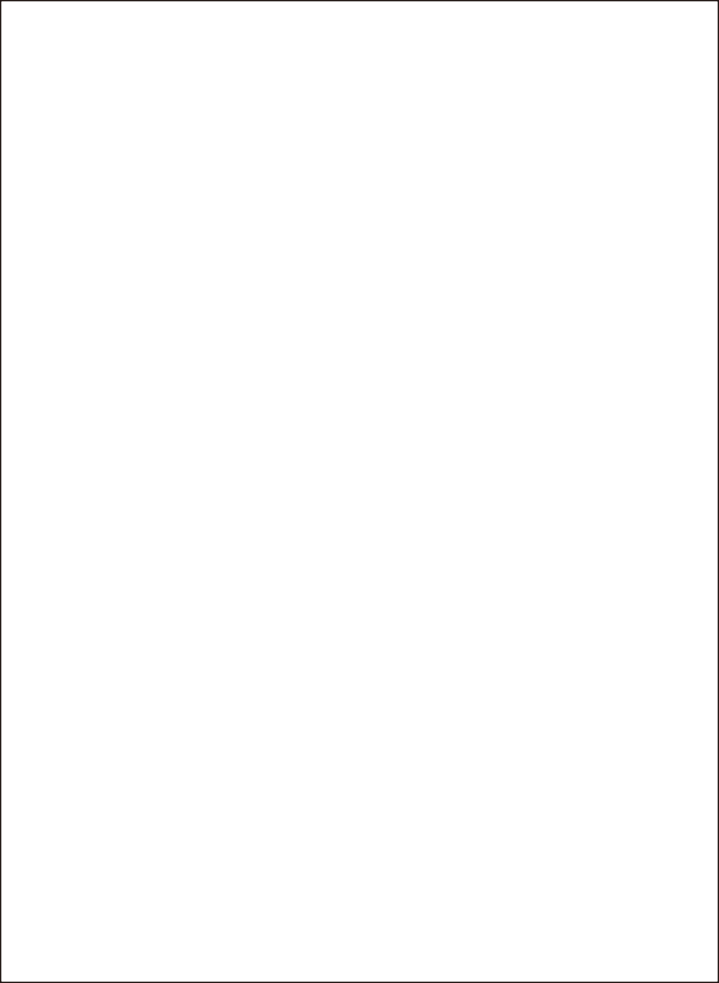
Trigger time



60° total
PIR angle



1080P HD
Video function



Dear customer, congratulations on purchasing a high quality product.

You have purchased a Wildlife Camera with excellent technical features and respective accessory that is particularly easy to operate. Please study all notices carefully and diligently. Please study this information in detail observing, in particular, the safety instructions.

1. CONTENTS OF BOX

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

- | | | |
|-----------------------|------------------|--------------|
| 1. Wildlife Camera | 2. Mounting belt | 3. USB cable |
| 4. Instruction manual | | |



Note:

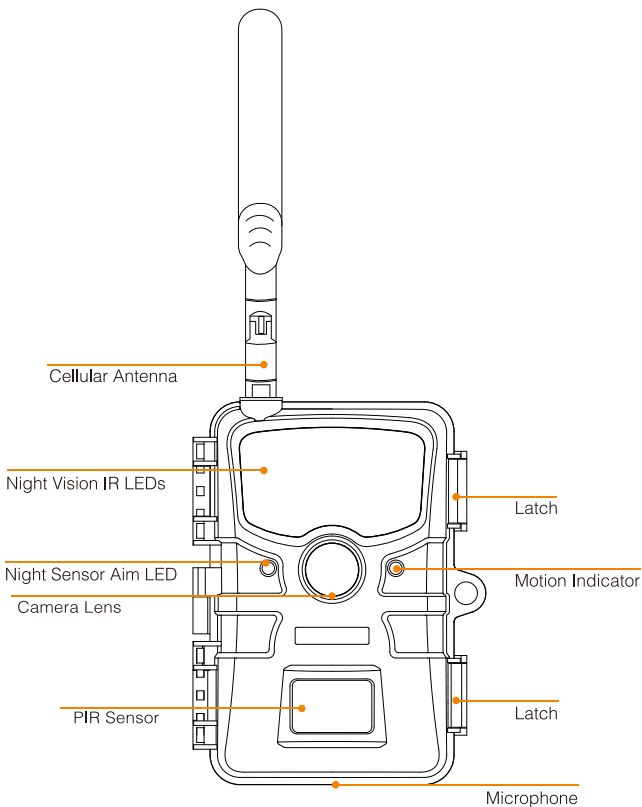
- Remove the protective foil from the camera lens.
- Caution! Keep plastic foil and bags away from babies and small children, as otherwise danger of suffocation.

2. CONTENTS

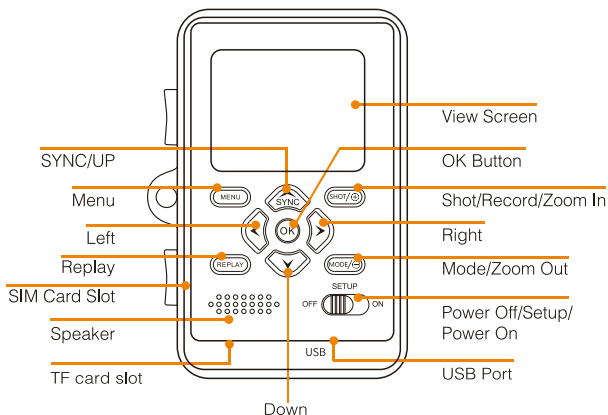
1. CONTENTS OF BOX	1
2. CONTENTS	2
3. CAMERA DIAGRAM	3
3.1. Front view	3
3.2. Inside view	4
3.3. Viewscreen Indicators	5
4. QUICK START GUIDE	6
5. PREPARING THE CAMERA	7
5.1. Inserting the batteries	7
5.2. TF Card and Sim Card Installation	8
5.3. Antenna Installation	8
5.4. Power On and Check Status	8
5.5. Mobile apps	9
5.6. Account set up	9
5.7. Camera set up	10
5.8. APP function	11
6. USE YOUR CAMERA	12
6.1. Camera setting information	12
6.2. Mounting and positioning your camera	19
6.3. Using an external power source (optional, user provided)	20
6.4. Antenna guide	20
7. CONNECTING TO COMPUTER	21
8. TECHNICAL SPECIFICATIONS	22
9. TROUBLESHOOTING	23
10. CAMERA FAQs	27
11. SYSTEM INFORMATION, MAINTENANCE AND DISPOSAL	29
11.1. Care	29
11.2. Storage	29
11.3. Disposal	29

3. CAMERA DIAGRAM

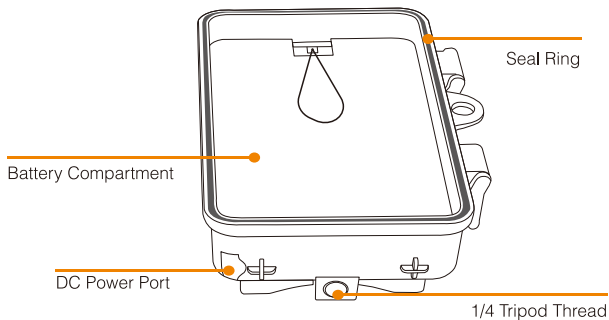
3.1. Front view



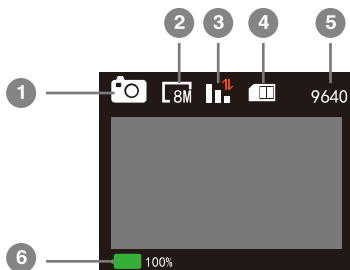
3.2. Inside view



- The monitor is **only** switched on in the SETUP mode for changing menu settings or viewing existing photos.
- An TF memory card must have been inserted into the memory card slot in order to save photos.
- Using the mini USB connection (USB 2.0), the camera can be connected to a computer.
- Using the mode switch the three operating modes OFF, SETUP and ON can be selected.



3.3. Viewscreen Indicators



1. Current Mode
2. Current Image Resolution
3. Camera Signal
4. Sim Card Status
5. Image Capacity left
6. Battery life

4. QUICK START GUIDE



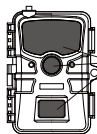
1. Download the free trail camera APP on your smartphone from the APP Store or Google Play.



2. Open the APP, then sign in or create a new account.



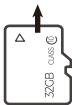
3. Log in and click the Camera icon at the bottom of the screen, then click "+" to add a new camera. Scan the QR code on the view screen of the camera or manually or enter its serial # to associate this camera with your account.



4. Remove the protective plastic covers from the camera lens, and PIR sensor.



5. Install 8 AA batteries (EnergizerR lithium batteries are recommended. Alkaline batteries may be used but battery life will be shorter. Rechargeable batteries are not recommended.) Be sure to position the batteries for correct polarity (+/_) when installing.



6. Install a new TF card, up to 32GB. High speed cards (class 6 or above) are recommended if you plan to record video clips. The new TF card are recommended to format with the camera before usage.



7. At the location where you will place the camera, move the power switch to the On position. The camera's default settings were chosen for typical usage as a scouting camera for hunters. Photo mode at 8MP resolution, with a 30 second interval between photos, and "Medium" PIR sensitivity. These settings may be easily changed to suit your individual preferences or application (for example, if you would rather capture videos, or photos at a different resolution, spaced further apart), using the app on your smartphone or menu in the camera. (moving the power switch to the "SETUP" position)



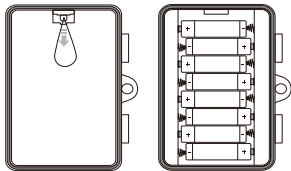
8. Prior to closing the camera, ensure the camera has acquired cellular signal. Lower signal strength can cause interruptions in service and shorten battery life. Mount the camera using the provided tree strap or 1/4"-20 mounting socket.

Your 4G camera is now ready to use. You can now utilize the mobile application to view images, change camera settings, monitor battery life and other functions of the camera.

5. PREPARING THE CAMERA

5.1. Inserting the batteries

Open camera and lift out battery tray. With the tray removed, insert 8 new AA batteries, being careful to match orientation marked on tray. After batteries are inserted, align metal contacts and reinsert battery try into camera. If you are using an external power source, ensure that it is 12V. Other voltage levels could damage your camera.



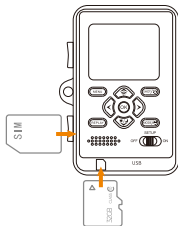
Note:

- Do not mix new and old batteries or alkaline and lithium batteries.

5.2. TF Card and Sim Card Installation

The TF card slot is located on the bottom left side of your camera. A class 6 or above TF card is recommended, use of a different card may result in unexpected results.

The Sim card slot is located on the lower part of the left side of the camera. Insert sim card with label facing you, as shown in below diagram. When insert sim card you should only feel minimal resistance and a click when the card is fully inserted.








5.3. Antenna Installation

Screw on device antenna until it is hand-tight. The antenna must be screwed tight to ensure the camera is sealed from water. Be careful that the antenna is not overtightened.

5.4. Power On and Check Status

Press the mode swift button to SET UP, the camera would be power on and camera would automatically begin SYNC. Please refer to below diagram to make sure your camera SYNC is complete.

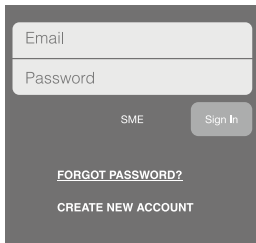
	Indicates Sim card on the state of self-checking.
	Indicates failure of sim card self-checking, it causes maybe not sim card or sim card damaged.
	Indicates sim card reading successfully.
	Indicates signal and network are both in good status.
	Indicates network has been disconnected, the traffic is insufficient or the SM card has been shut down.

5.5. Mobile apps

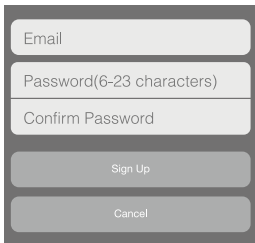
The camera will work with a mobile APP that is compatible with IOS and android devices. Simple download the free “**Camera Trap Wireless**” app from the APP store or Google Play. The app allows you full control of all camera settings as well as the ability to view pictures and video clips uploaded by your cameras.

5.6. Account set up

In order to start transmitting pictures from the camera, you will need to do a quick account set up. Just simply follow the on screen menu to create a user account as below.



A screenshot of a mobile application's sign-in screen. It features a dark grey background with two white input fields at the top labeled "Email" and "Password". Below the password field is a small "SME" label and a rounded "Sign In" button. At the bottom, there are two links: "FORGOT PASSWORD?" and "CREATE NEW ACCOUNT".



A screenshot of a mobile application's sign-up screen. It features a dark grey background with three white input fields: "Email", "Password(6-23 characters)", and "Confirm Password". Below these fields are two rounded buttons: "Sign Up" and "Cancel".



Note:

- The defaulted sever path of the system is SME type. please do not change it during registration in case that app could not receive the server push information.
- Please activate the account by click the mail “please click here”, this mail is sent by **do-not-reply@sino-mos.com. tw** after you finish the account information registration.

5.7. Camera set up

Power on your camera and press the Mode switch to the “SETUP” mode. Press the MENU button. The camera setup menu will appear. Press the RIGHT arrow key until the menu option “Cellular modem” appears. And then use the Down button arrow go to the option of “Status QR Code” and confirm it. A QR code will appear on the camera display screen as below.



Open the “Camera Trap Wireless” app on your mobile device and log in to your account. On the starting page click the Camera icon “+” on the top of the screen (1st from right) and then A QR code scanner will appear on your screen. Scan the QR code displayed on the camera screen with your mobile device. And then you would be successful to get your camera connection with APP. (like below Fig.1)

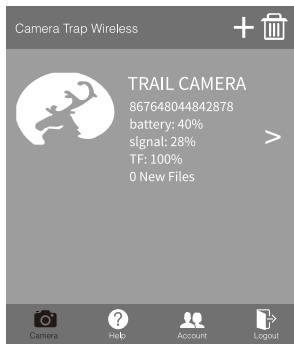


Fig.1

5.8. APP FUNCTION

Upon opening the mobile app you will be at the Main Page. On the Main Page(Fig.1) all the apps functions can be accessed. Use the guide below to learn how to navigate the Camera Trap Wireless app. There are several functions that can be performed to pictures and videos with your account. you can select any of the thumbnails you would like to perform the follow functions to:



“√” SELECT: Click this thumbnail you could select one signal picture or all the pictures.

Favorite: On the top right side of each picture has a “heart” thumbnail, you could press it and choice the favorite pictures or videos you like. And the pictures and videos would be automatically sorted to favorite files.

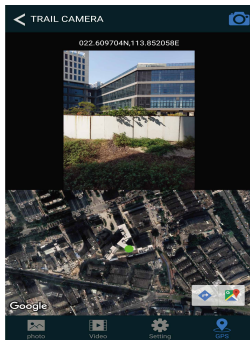
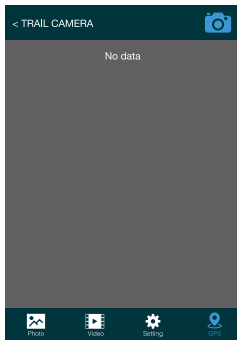
Share: Using the Share function allows you to share what your camera has captured. (Remark: This does not delete the images and videos from the TF card in the camera.)

Setting: Using the Setting function allows you for the functions data settings based on your requirement. After change the data setting, please press the “SYNC” thumbnail to save this change to cloud.

(Remark: These changes will not go into effect until this camera next scheduled upload time.)

	SYNC Button: Sync the data changes to cloud.
	Reset Button: reset the settings to the default parameters by confirm button.

GPS: this function allows you to update image metadata with geolocation tags by planning and zooming in a map window and then clicking on the location where a photo was taken. It would help you to track and recall the camera location.



Note:

- In some conditions, the GPS positioning would be inaccurate, this relates to your mobile phone GPS function.
- You could check the battery power in the window interface of the APP. When the battery power is lower than 35%, the system will turn off the 4G upload function and the night time shooting would be stopped when the power lower than 30%, but the daytime shooting can still be carried out. In view of this condition, please replace the new batteries in time.

6. USE YOUR CAMERA

6.1. Camera setting information



- **Mode:** Selects the format your camera will record in.
Photo: For photos only.
Video: For videos only.
Photo+Video: A photo followed by a video clip will be captured for each PIR trigger event.

- **Interval:** Defaulted 30seconds, optional from 5seconds ~60minutes
Select the shorsetup 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 high consumption of batteries. It would effect the usage days of the batteries. It is just on the opposite ,the interval time is long, would be a lower consumption of batteries to guarantee a long time usage.
- **Time lapse: Off/On**
When “on” has been selected, the camera would automatically takes 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.



Note:

- In this mode, the PIR function would stop working, and the camera would take photos/ videos in the setting interval time.
- **Periodic Interval Set:** OFF. This function is to set up the PIR interval time and not recommended to use. When Periodic Interval Set function open, the PIR function would be disabled.
- **PIR Sensitivity:** High/ **Medium**/ Low
High: Recommended when air temperature is above 70° or when maximum range is desired.
Medium: Recommended when air temperature is 45~70° or when range is up to 70'.
Low: Recommended when air temperature is below 45° or when range is up to 40'.

- **FLASH LIGHT:** Auto/ High/ Low

Auto: Use this option on trails where game will be traveling fast for great shots, low glow infrared flash.

High: This option has a flash range of 20meters and uses a low glow infrared flash.

Low: This mode works well for short distance shots and in which game is within 10meters of the camera.

- **Timer:** Allows you to capture images without requiring a trigger during a specified time period and interval. For instance, it will take picture every 5 minutes between 7am and 4pm if that is your desired time period.

On: Allows you to select two time period within a 24-hour period and the interval.

Off: The recommended default.



- **Photo Size:** 24M,16M,8M,4M,2M. (Defaulted 8M)



Note:

- Larger sizes mean higher image resolutions that take up more space on the TF card, 8M is the recommended default for good resolution and smaller size.
- **Picture NO.:** 1P~9P. Selects how many photos are taken in sequence per trigger, This setting affects photos taken in camera and Monitoring Period Mode.



- **Video Size:** Selects video resolution.

1920 x 1080: Maximum resolution, the recommended default resolution.

1280 x 720: Clear resolution without filling up your TF too fast.

848 x 480: Lowest resolution. Good for videos when resolution is not critical.



Note:

- we recommend SandDisk TF class 10 or higher.

- **Cellular Setting:** Selects video resolution for the 4G transmission.

Video Length: Set length per video clip. 10 seconds is the recommended default. Press OK to see other options. Maximum length is 180seconds.



Note:

- Nighttime limit of 30seconds maximum for the video clips. If the video clip is shorter than the setting time, please check the batteries power are low or not.
 - Battery life would be shorter if the settings are set to take long time video clip.
- **Volume Rec. : OFF/ ON**
On: Record the video clips with voice.
Off: The video clips is in silent mode.



- **Cellular Modem: ON/ OFF**

This setting allows you to turn the cellular function of the camera on or off. Leave the setting in the “ON” setting to enable cellular communication. When in the “OFF” , no photos will be sent on your cellular data plan.

- **Connection Status**

This menu displays the LET connection condition, IMEI and cellular signal strength. (IMEI: This number is used to reference your physical camera)

- **Status QR Code**

This menu displays the QR code for help you associate this camera with your APP account.



Note:

- This setting has a large effect on your Data and Battery usage.

- **Upload Frequency**

This setting allows you to decide the photo or video resolution for upload.

Once Per Day: Camera will upload photos once per day, based on upload time. This is the most efficient option.

Twice Per Day: Camera will upload twice per day, based on upload time.

Hourly: Camera will upload photos every hour.

Instant Group: Similar to instant, if motion is detected within 10sec. Of original photo, camera will continue to takes photos until motion ceases before uploading.

Instant: As soon as your sensor detects motion it will take a photo and upload.

- **Upload Photo Resolution**

Large 1280 x 720, Middle 640 x 360 and Small 480 x 270

- **Upload Video Resolution**

Large: 848 x 480, Middle: 640 x 360 and Small: 320 x 180



Note:

- When you in the photo and photo +video mode, the menu only show the photo resolution, and in the video mode, the video resolution would be show in the menu.

- **Time Zone**

This setting allows you to set your camera to different time zones.



- **Date & Time:** Sets the year, month, and date.

- **Time Format:** 12hr and 24hr format.

- **Camera Name**

Allows you to enter a name for your camera that will appear on the image time stamp. Press the OK button to choose "input" and go to the name input screen. If necessary, select the arrow in the upper right of the keyboard to erase the current camera name, then enter the new name using the arrow buttons and keyboard. Press the OK button to select a letter. Press MENU to save the name to memory.

- **Time Stamp: On/ Off**

Select "ON" to print the data, time, temperature and battery percentage on each photo or video. Otherwise select "OFF".

- **Temperature: Fahrenheit/ Celsius**

The temperature units can be displayed in Image Data Strip in either Fahrenheit or Celsius.

- **Password Setting: Off/On**

After selecting "On" enter a four digit password to protect your camera against unauthorised access.

This password must be entered each time the camera is switched on in the SETUP mode before the camera can be used.



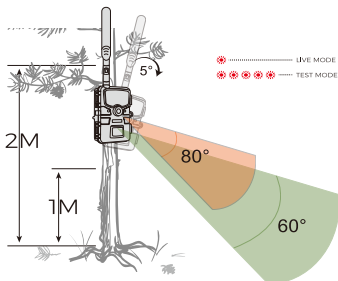
Note:

- If you forgot your password, please unlock the camera with password "OPEN".
- **Beep Sound: On/Off**

- **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.
- **Backlight Time:** **1Minute**, 3Minutes, 5Minutes, Off
The LCD monitor would automatically turn off after the setting time.
- **Language:** Select the desired language in the meu list.
- **Format: No/ Yes**
Deletes all files stored on a card to prepare it for reuse. Always format a card that has been previously used in other devices. Caution! Make sure you have download and backed up any files you want to preserver first! Press OK to execute, press MENU (or select NO then press OK) to exit without formatting.
- **TF Detection: No/ Yes**
Select "Yes" and press OK to test your TF card speed. If it shows "Test passed" meant your TF card is high speed and qualified to use by the camera. If "TF Speed too low" show, you need change another high TF card at least Class6 or higher.
- **Reset to Factory: No/ Yes**
Select "Yes" and press OK to restore all parameters to the original factory default settings. IF the camera is behaving oddly and you think you may have changed the setting for something accidentally(but aren't sure which one), this will reset all parameters to their most commonly used or "generic" settings.
- **System:** FW Update/FW Version
 - **FW Update:** No/Yes. Allows users to update the FW when the updated FW in the TF card.
 - FW Version:** Displays firmware version.

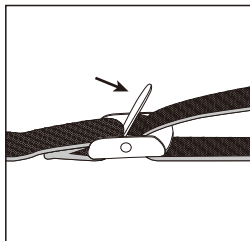
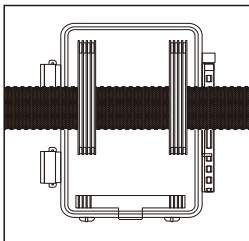
6.2. Mounting and positioning your camera

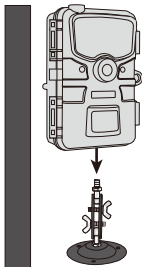
After you've set up the camera's parameters to your personal preferences, you're ready to take it outside start capturing images. When setting up the camera for scouting game or other outdoor applications, you must be sure to mount it in place correctly and securely. We recommend mounting the camera on a sturdy tree with a diameter of about 6 in. (15cm).



To get the optimal picture quality, the tree should be about 16-17ft. (5 meters) away from the place to be monitored, with the camera placed at a height of 3.5-5 ft. (1~1.5 m). Also, keep in mind that you will get the best results at night when the subject is within the ideal flash range, no farther than 80' (24m) and no closer than 10' (3m) from the camera. There are two ways to mount the camera:

- Using the provided adjustable web belt: Push one end of the belt through the two slots on the back of the camera. Thread the end of the strap through the buckle. Fasten the belt securely around the tree trunk by pulling the end of the strap firmly so there is no slack left.





- Using the tripod socket: The camera is equipped with a socket at the back (below the strap brackets) to enable mounting on a tripod or other camera mounting accessories that have a standard 1/4"-20 thread.

To verify whether the camera can effectively monitor the area you choose, you should check the sensing angle and monitoring distance of the camera. An ideal way to do this is by use of the "Direct Connect" feature in the smartphone app, which allows you to view the "live" image from the camera's lens at a distance of up to 70-100 ft. via the Camera Trap Wireless app for iPhone and Android (it can also be used for remote viewing from a tree stand, etc.)

6.3. Using an external power source (optional, user provided)

Optionally, you can connect the Accessory Solar Panel RD20 to the "DC In" jack at the bottom of the camera (other external power supplies should not be used, as the camera and/or display may not function correctly). If the solar panel is connected and AA batteries are installed, the camera will be powered by the solar panel's rechargeable lith-ion battery, as long as it provides adequate voltage (if not, the camera will switch to battery power). The solar panel's battery will power the camera at night.

6.4. Antenna guide

For optimal network reception with your camera, use the following antenna placement guide:

1. Mount camera away from any type of metal.
2. Antenna should be vertical from the camera.
3. As much as possible, antenna should be away from obstructions.
4. Ensure antenna is screwed in tight so a proper connection is made.

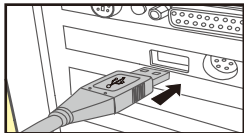
7. CONNECTING TO COMPUTER

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

System requirements

Windows	Macintosh
<ul style="list-style-type: none">■ Pentium?III or higher■ Windows?XP/Vista/7/8■ 512 MB RAM■ 1GB available hard disk space■ Screen resolution 1.024 x 768 or higher■ Available USB connection	<ul style="list-style-type: none">■ PowerPC G3/G4/G5■ OS 10.3.9 or newer system■ 512 MB RAM■ 1GB available hard disk space■ Screen resolution 1.024 x 768 or higher■ 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.

8. TECHNICAL SPECIFICATIONS

Lens	f=4.3mm F /NO= 2.0; FOV=80°;
Picture Size	24M: 6528 x 3672; 16M: 5376 x 3024; 8M: 3840 x 2160; 4M: 2688 x 1512; 2M: 1920 x 1080
Picture Size (4G Upload)	1280x720; 640x360; 480x270
Video Size	1920x1080P 30fps, 1280x720P 30fps or 848x480p 30fps
Video Size (4G Upload)	848x480(30fps); 640x360(30fps); 320x180P (30fps)
Display Screen	2.4" color TFT LCD
IR Flash	36pcs infrared LEDs rang 20m
Waterproof	IP66
Triggering distance	up to 20m
Triggering time	approx. 0.4 second
Detection Angle of PIR	60degree
PIR Sensitivity 3 settings	Low/Normal/High
Storage Formats	Photo:JPEG; Video: AVI(MJPG)
Time Stamp	Support
Memory Card	Supports TF Card, Maximum capacity 32GB (Class 6 or above)
Connections	Mini USB 2.0

Power Supply	8 x AA batteries, lithium (recommended) or alkaline; external 12V power supply, at least 1A. (not supplied)
Stand-by Current	< 0.2mA
Average Battery Life	approx. 3 months at 30 images per day average (15 day, 15 night w/LEDs)
Operating Temperature	-20 - 60°C (Storage temperature: -30 - 70°C)
Operating Humidity	5% - 90%
Dimensions	approx. 141(L)*103(W)*70(H) (without the antenna)
Weight	315g (with the antenna and without batteries)

9. TROUBLESHOOTING

Camera takes continuous images of no subject

A camera has what is known as a “false trigger” if the PIR sensor thinks that there is motion and heat in front of the camera lens when there is no subject in the image. These “False Triggers” are the result of placing the camera in an environment where there is motion associated with tree branches creating motion in front of the camera or an area where there is high heat in the foreground and any motion from wind could set off the camera. Setting a camera up over water is also a potential cause for this issue. To remedy this situation:

- Try moving the camera to an area that does not have any of these issues or try changing the sensor level on the menu settings.
- If the camera continues to take images when there is no subject in them, try placing the camera in an inside environment and aiming at a location where there is no motion.
- If the camera continues to show issues, then there is probably an electronic component issue. If this is the case, please contact our customer service to send the camera back for repair.

Battery life is shorter than expected

- The setting you select for “Upload Video Resolution” in the Setup Menu will have a significant impact on battery life. Batteries will last much longer if images are uploaded as a single daily batch (select “ONCE PER DAY” option), as opposed to choosing to uploading/transmitting each image immediately after it is captured (“INSTANT” option). The time the camera draws full power will be about 1 second or less per image when sending all new saved images just once per day, vs. 12-14 seconds of power per image if they are uploaded immediately.
- Battery life will vary with operating temperature and the number of images taken over time. Typically, the Camera will be able to capture several hundred images before the batteries die.
- Check to make sure you have used new alkaline or lithium batteries. We recommend using Energizer Lithium AA batteries (full set of 8) in your camera to obtain maximum battery life.
- Make sure that you are using a good quality name brand TF card in your camera. We recommend SanDisk brand TF Cards up to 32GB. Our experience indicates that poor quality TF cards can sometimes reduce your camera battery life.

Camera stops taking images or won't take images

- Please make sure that the TF card is not full. If the card is full, the camera will stop taking images.
- Check the batteries to make sure that they are new alkaline or lithium AA batteries. See previous notes about short battery life.
- Make sure that you are using a good quality TF card in your camera. We recommend SanDisk TF Cards up to 32GB. If the TF card has its write protect switch in the lock position, the camera will not take images.
- If you have used an TF card in another device before inserting it in our camera, you might want to try formatting the card by using our camera. In some cases, other devices may change the formatting of the TF card so that it will not work properly with our camera.

Camera won't power up

- Make sure that you have installed **all** eight batteries in the battery compartment, filling **all** eight battery spaces with no “gaps”. We recommend using Energizer Lithium AA batteries in our camera.
- Make sure that the batteries are installed correctly, observing proper polarity. Always place the negative (flat) end of each battery in contact with the spring side of its slot inside the camera.

Still photo and/or video quality problems

1. Night photos or videos appear too dark.

- Check the battery indicator icon to see if battery power is full. The flash will stop operating near the end of the battery life.
- You will get the best results when the subject is within the ideal flash range, no farther than 15meters from the camera. Subjects may appear too dark at greater distances.
- Make sure “LED” in the PHOTO menu is set to “HIGH” to ensure maximum output.

2. Daytime photos or videos appear too dark

- Make sure that the camera is not aimed directly at the sun or other light sources during the day, as this may cause the camera's auto exposure to produce darker results.

3. Night photos or videos appear too bright.

- If the subject is close to the camera (less than10ft/3m), change the LED Control parameter in the Setup Menu to “AUTO” or “LOW”.

4. Daytime photos or videos appear too bright.

- Make sure that the camera is not aimed near an extremely dark area during the day. The auto exposure may “overcompensate” by lightening the image too much.

5. Photos with streaked subject.

- In some cases with low lighting conditions and fast moving subjects, the 8MP or 24MP resolution settings may not perform as well as the 4MP or 2MP settings.
- If you have multiple images where fast moving subjects produce streaks on the photo, try the 4MP setting instead.
- Under certain lighting conditions, the sensor can become confused resulting in poor color images.
- If this is seen on a consistent basis, then the sensor may need servicing. Please contact customer service.

6. Short video clips—not recording to the length set.

- Check to make sure that the TF card is not full.
- Make sure that the camera has good batteries in it. Near the end of the battery life, the camera may choose to record shorter video clips to conserve power.

Date/time stamp not appearing on images

- Make sure that the “TIME STAMP” option in the PHOTO menu is set to “ON”.

Photos do not capture subject of interest

- Check the “PIR SENSITIVITY” parameter setting (SETUP menu). For warm temperature conditions, set this to “HIGH” and for cold weather use, set the PIR sensitivity to “LOW”. For variable weather, use “MEDIUM”.
- Try to set your camera up in an area where there is not a heat source in the camera's line of sight.
- In some cases, setting the camera near water will make the camera take images with no subject in them. Try aiming the camera over ground.
- Try to avoid setting the camera up on small trees that are prone to being moved by strong winds.
- Remove any limbs which are right in front of the camera lens.

PIR sensor led flashes/doesn't flash

- When the camera is in the “Setup” mode, a special LED on the front of the camera will flash when it senses motion. This is for setup purposes only and will help the user aim the camera.
- During use, the LED will not visibly flash when the camera takes an image. The LED array uses infrared light to help keep the camera hidden from game.

Display screen comes on but then powers off

- The display automatically turns off if no control keys are pressed for 30 seconds, to conserve battery power.

Camera won't retain settings

- Make sure that you have been saving the changes to any settings that you made while in the menu system, by pressing “OK” after changing the setting. If you don't save your new setting after changing it, the camera will continue to use the original default setting for that parameter.

10. CAMERA FAQs

Q: DO I NEED TO HAVE MY PHONE NEXT TO MY CAMERA WHILE IT SYNCs?

A: No, you can sync your camera remotely from your phone. However, we recommend syncing in proximity of your phone to verify sync was successful.

Q: WHY DOES MY CAMERA SOMETIMES TRANSMIT AN IMAGE LATER THAN WHEN THE IMAGE WAS CAPTURED?

A: Due to network conditions, sometimes transmissions can be delayed. This can be due to a temporary decrease in signal strength, weather conditions, or simply the amount of traffic on the network. The camera has a built in troubleshooting mechanism to attempt to resend images at a later time that weren't successfully transmitted previously, likely at the next trigger or daily check-in.

Q: MY CAMERA SHOWED THAT IS SYNCED SUCCESSFULLY, WHY DO I NOT SEE IT ON MY APP?

A: In order to connect to our app, your cell phone will need to have 4G/LTE reception or a Wi-Fi connection. If you are in a remote location, there is likely not enough data coverage to properly use our app.

Q: DO I NEED TO PAY FOR THE SMART PHONE APP?

A: No, the App is a free download for iPhone/Android.

Q: I HAVE A NEW PHONE. IS IT NECESSARY TO RE-SYNC THE CAMERA OR WILL IT STILL BE DISPLAYED ONCE I DOWNLOAD THE APP?

A: It is not necessary to re-sync your camera to your new device. Your camera will be displayed on your account once you download the app and log in with your credentials.

Q: WHAT IF I LOSE WIRELESS SIGNAL ON THE CAMERA—WILL IT CONTINUE TO TAKE IMAGES?

A: If you lose connectivity to the network, the camera will continue to take images like a normal trail cam and save them to the TF card.

Q: CAN I MIX BATTERIES TOGETHER?

A: No, you should never mix batteries. After your camera batteries die, always install brand new batteries in your camera.

Q: CAN I USE RECHARGEABLE BATTERIES IN THE CAMERA?

A: Rechargeable batteries will cause incorrect battery percentage for the camera in the APP. We do not recommend using rechargeable batteries.

11. 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.

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.

