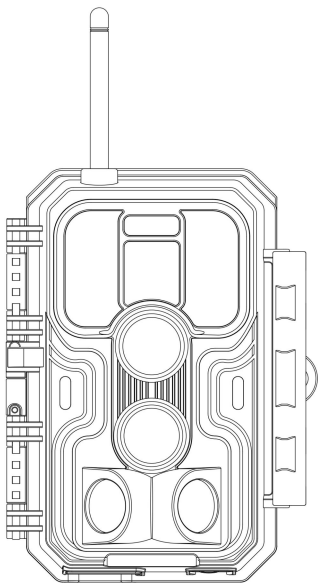


# **CELLULAR TRAIL CAMERA A390G**



## **INSTRUCTION MANUAL**

V1.0

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## **1. IN THE BOX**

1 x Camera, 1 x Mounting Strap, 1 x Antenna, 1 x SIM card,  
1 x Instruction Manual, 1 x Mini USB Cord

*Note: Memory card and batteries are not included (user supplied).*

## **2. IMPORTANT NOTE**

### ***2.1. About Batteries***

Require eight (8) 1.5V AA Alkaline or Lithium batteries. We recommend the use of Energizer AA Lithium batteries in this camera to obtain maximum battery life.

Do not mix old and new batteries. Do not mix battery type.

Rechargeable NiMH AA batteries can be used, but are NOT recommended as the lower voltage (generally 1.2V) they produce may cause night recording issues, and you may have to replace them frequently.

Remove batteries when the camera is NOT in use.

### ***2.2. About SD Card***

Require a standard-size SDHC/SDXC memory card (max capacity 512GB, Class 10). Recommend using SanDisk 32GB SDHC/Class10 memory cards in the camera to obtain the best cost-performance.

**Before use, please format your SD card in the camera.**

### ***2.3. About SIM Card***

**Your camera comes with a SIM card that only works with AT&T and T-Mobile cellular network.** Please make sure the

cellular signal is good where your camera is installed. Please don't remove the SIM card. If you have multiple cameras, please don't exchange SIM cards among them.

#### ***2.4. Remove Protective Films***

**Please gently remove the protective films** on the front of the camera to get the best performance, especially **the protective films attached on the PIR motion sensor may cause poor motion detection performance, even no capture.**

### **3. INTRODUCTION**

#### ***3.1. About the Camera***

The A390G is a new generation of 4G LTE cellular trail camera. The camera has a built-in cellular module, allows you remotely connect and operate the camera through a dedicated App ("TrailCam Mobile"). The camera will send pictures to cell phone according to the Transfer Schedule specified in the App. The camera also features the all-new innovative and ultra-clear imaging technology, encompasses smart night vision, blur reduction, and noise reduction technology to deliver high resolution image quality.

#### ***3.2. Main Features***

- Works with AT&T and T-Mobile cellular (SIM card included)
- Quick activation by App
- Offers affordable and flexible data plan
- Program your camera via App
- Send pictures to cell phone
- High quality pictures (32MP still photos), 1296P 20fps or 1080P 30fps H.264 video clips with audio

- Clear night vision, flash range 100ft, equipped with 36pcs high performance infrared no glow 940nm LEDs that function as a flash (invisible to eyes)
- Wide view angle - 70°
- Easy to use/program with well-designed operation buttons and built-in 2.4-inch color screen, easy to program, review pictures and videos on the screen
- Two working modes - Motion detection and Time lapse
- Fast trigger time approx. 0.1~0.6 second (pre-activated technology with 3 PIR sensors designed), Fast recovery time of less than 0.5 second, Long trigger distance up to 75ft
- Info strip on each capture: Date, Time, Temperature & Moon phase
- Operation Hours, Loop Recording, Time Lapse, Password Protected
- Built for any climate - IP66, Operation Temperature: -4~140°F
- Support SD/SDHC/SDXC memory card, max capacity 512GB (*user supplied*)

### **3.3. Applications**

The camera can be used as follows:

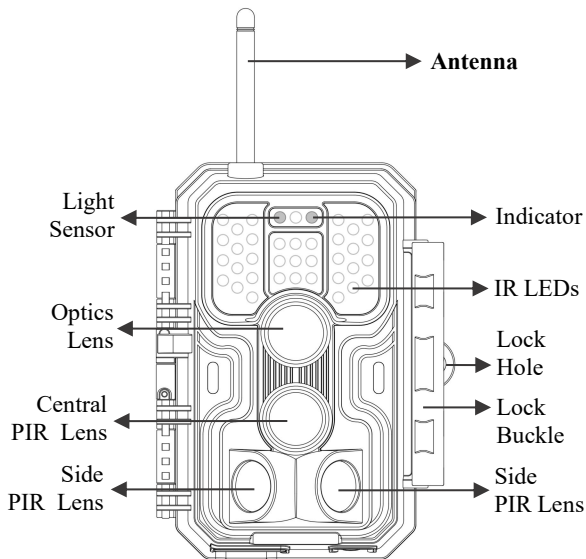
- For hunting and tracking animals' trace or habits
- For wildlife observing and researching, captures pictures and videos of wild animals
- As a motion-triggered security camera, for home, farm, office and community
- All other indoor & outdoor surveillance where invasion evidence needed

## **4. PARTS AND CONTROLS**

The camera is equipped with an antenna, 36pcs infrared LEDs, Indicator, Light Sensor, Optical Lens, PIR Sensors, Lock Holes

in front view (*Figure 1*).

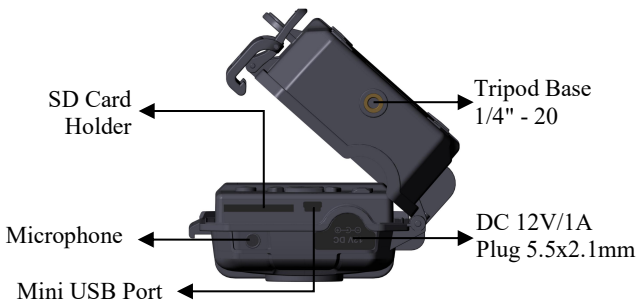
**TIP:** During use, the black PIR Lens may be dirty or have scratches, however it does not affect the performance due to the reliability design. If you must clean it, please try to blow it off or pick out the dirt very lightly. Please do not try to wipe it, which may cause more scratches.



*Figure 1: Front View*

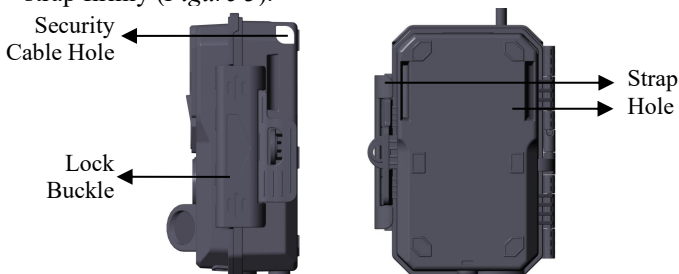
**Install the antenna:** The antenna is placed in the accessory slot of the package box. Please screw the antenna into the mounting base on the top of the camera and securely tighten it (*Figure 1*).

The camera provides the following connections for external devices: Mini USB port and SD card slot etc. (*Figure 2*).



*Figure 2: Bottom View*

The camera has one security cable hole and two strap holes on the back. The strap can be put through the strap holes and fastened securely around a tree trunk by pulling the end of the strap firmly (*Figure 3*).

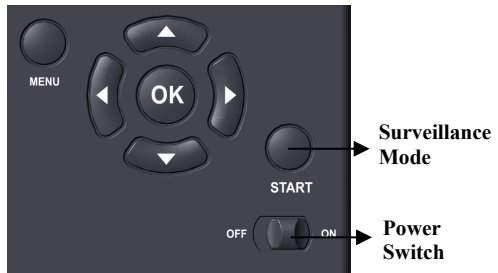


*Figure 3: Right / Back View*

The camera has a 2.4-inch built-in LCD screen, which can be used for reviewing pictures or videos and menu displaying, and exclusive keypad design for easy program and operation, 8 AA batteries slot supported (*Figure 4*).



*Figure 4: Inside View and Preinstalled SIM card*



*Figure 5: Operation Buttons*

A power switch is used to power on (**ON** mode) or off the camera (**OFF** mode). A **START** button is used to quickly make the camera into the surveillance mode (motion detection or time lapse per your settings) (*Figure 5*). When the camera is in the surveillance mode, press the **START** button to wake up the camera.



## 5. INSTALLING THE BATTERIES AND SD CARD

The Nano-SIM card is preinstalled, please don't remove it. Before you begin learning how to use your camera, you will first need to install 8 AA batteries and insert an SD card. Although that may only take you a minute, there are some important notes about batteries and SD cards you should be aware of, so please take the time to **read the following directions and cautions:**

### *5.1. Loading Batteries*

After opening the cover of the battery compartment, you will see that the camera has eight battery slots (*Figure 6*). A full eight batteries must be installed for the camera to operate. Be sure to insert each battery with correct polarity (negative or "flat" end against the long spring of each battery slot).

In **ON** mode when battery power level gets low, the message "**Low Battery**" will show on the screen, please replace the batteries. If the battery indicator shows in **RED**, the batteries are not good for night vision, however the batteries still work at daytime until "**Low Battery**". If you want to continue night vision, please replace the batteries.

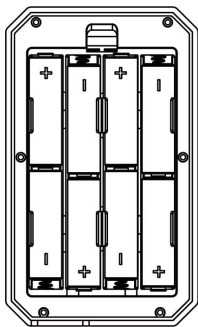


Figure 6: Loading the Batteries

## 5.2. Inserting the SD Card

Insert the SD card (with the camera powered off), before beginning to operate the camera. Don't insert or remove the SD card when the camera is powered on or in the surveillance mode. (Figure 7).



Figure 7: Inserting the SD Card

The following describes how to insert and remove the SD card:

- Insert the SD card into the card slot with its label side upwards. A "click" sound indicates that the card is installed successfully. If the wrong side of the card is facing up, you will not be able to insert it without force, there is only one correct way to insert cards. If the SD card is not installed correctly, the device will not display an SD card icon on the

screen in **ON** mode. **Formatting the SD card** by using the camera's "Format SD Card" menu option before first use is recommended, especially when a card has been used in other devices.

- To take out the SD card, just gently push in the card (do not try to pull it out without pushing in first). The card is released from the slot and ready to be removed when you hear the click. Be sure the camera's power is switched **OFF** before inserting or removing SD cards or batteries.

## 6. THE OFF, ON, AND SURVEILLANCE MODES

The camera has three basic operational modes:

- **OFF** mode: Power switch in the **OFF** position (The camera is powered off).
- **ON** mode: Power switch in the **ON** position (The camera is powered on and its screen is on).
- **SURVEILLANCE** mode: When the camera is powered on, press **START** button to enter the surveillance mode. When the screen is off, the camera enters standby and will perform according to your settings.

### *App & Cellular Connection:*

You can use the App to connect the camera when the camera is operating in the ON or SURVEILLANCE mode.

#### **6.1. OFF Mode**

The **OFF** mode is the "safe" mode when any actions must be taken, e.g., replacing the SD card or batteries, or transporting the device. And of course, when you are storing or not using the camera, you will switch it to **OFF**. Please note that in the **OFF** mode the camera still consumes a little power. It's a good

idea to take the batteries out of the battery compartment if the camera will not be used for a long time.

## **6.2. ON Mode**

In the **ON** mode you can check and change the settings of the camera with the help of its built-in screen. These settings, found in the menu by pressing **MENU** key, let you change the photo or video resolution, interval between photos, switch the time imprint on, etc. (See more in **Section 8 ADVANCED SETTINGS**).

On the screen display, you will see an information screen that shows how many images have been taken, the battery level, camera or video mode, etc.

***Attention please:** In the **ON** mode, the camera will automatically enter **SURVEILLANCE** mode if there is no operation (key pressing) within 3 minutes. Then the camera will perform as your settings in the menu.*

In the **ON** mode, you can connect the camera to a computer's USB port to download your images.

## **6.3. SURVEILLANCE Mode**

Any time after the batteries and SD card have been inserted, you can switch on the camera. When the **START** button is pressed, the camera will enter into the **SURVEILLANCE** mode. If the Mode in the settings is set as “Motion Detection”, the camera will count down a 30-second delay and then be ready to capture images. If the Mode is set as “Time Lapse”, there will be no 30-second counting down, and the camera will be ready to enter Time Lapse.

Once in the **SURVEILLANCE** mode, no manual controls are needed or possible (the control keys have no effect). The camera will take photos or videos automatically (according to its current parameter settings).

**TIP:** You can press the **START** button again to wake up the camera and reprogram your camera if required.

## 7. CELLULAR CONNECTION

We recommend that you take a few minutes to watch the videos to quickly learn how to use the camera, please visit [www.zopudt.com/tc/cell](http://www.zopudt.com/tc/cell)

### 7.1. Download TrailCam Mobile App

Before using the cellular functionality, please download the ‘TrailCam Mobile’ App.



#### **NOTES:**

The screenshots shown in this section are indicative only. The actual diagram on different versions of App, iOS and Android may differ.

During the use of the App, please grant the App access to storage, location, camera and local network (if iOS) of your device.

### 7.2. Add Your Camera

Open the App, tap the orange stripe on the top to add your camera.

### ***7.3. Select Camera Type***

Please tap Cellular Camera.

The App is an unified App, supports cellular camera and Wi-Fi camera (sold separately).

### ***7.4. Login Your Account***

Log in to your account to manage your cellular cameras, please tap Log in.

Please enter your account and password to log in.

If you are using a cellular camera for the first time and don't have an account, please tap Sign up to create a new account.

Input your email, read and accept the Privacy Agreement. Tap "Next", you will receive a verification code in your email in minutes, please check your email later, find the code and input it in the next dialog.

### ***7.5. Activate Camera***

After logged in your account, please make sure your camera is near to you and in the **ON** mode.

Please follow the "Quick Start" instructions (steps) shown on the App to configure the cellular network of your camera.

During setup, the App may ask access permission such as camera to scan QR code, please allow it to complete the process.

At the final step of Quick Start, go to the "Activation Code" in the camera MENU settings, scan the QR code with the App.

Once scanned, the camera starts activating the SIM card, you can press **MENU** to exit. The icons at the top of the camera

screen will change accordingly (Figure 8).

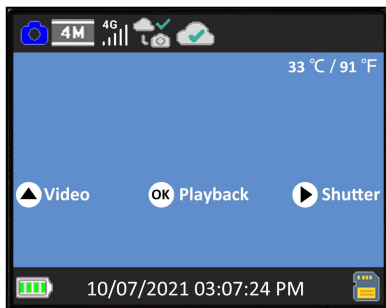


Figure 8: Icons at the top of the camera screen







Wait for the cellular is connected and device is activated (until the following icons shows on the top bar of camera screen).



During the activating, there are icons to indicate the cellular status (Table 1):

Table 1 - Camera network icons

Category	Icon	Description
Cellular Signal		No SIM card detected.
		The camera is discovering available cellular network.
		No cellular network service available.
		“4G” indicates the camera is using 4G cellular network, it may automatically change to “3G” or “2G” (according to

		local cellular network), and the white “signal bar” indicates signal strength. <i>Note: In 3G or 4G cellular network, the camera can send pictures or videos. In 2G cellular network, the camera can ONLY upload camera status.</i>
Cellular Connection		Cellular network is not connected.
		The camera is not within the cellular network service area.
		Cellular network is successfully connected.
Device Activation		The camera is not activated.
		The camera and the SIM card is unmatched (e.g. the camera has been bound with other SIM card).
		The camera has been activated successfully.

In the App, once device is activated, the orange bar on the App will turn into a green bar (Figure 9- 10).

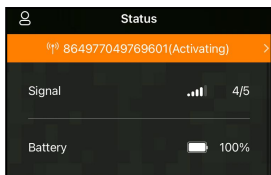


Figure 9: Activating

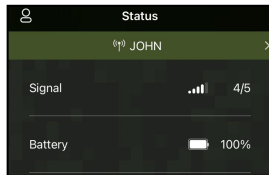


Figure 10: Activated

The ID “864977049769601” (cellular ID, just for example) will turn into your camera name (e.g. you have programmed your camera name as “JOHN”). Please note this ID may vary



from different camera and its SIM card.

## 7.6. App Navigation

Once the camera is fully activated, you can navigate the App. The App supplies 4 main tabs: Plan, Status, Settings and Gallery (*Table 2*). To get more detailed guide, please visit [www.zopudt.com/tc/cell](http://www.zopudt.com/tc/cell)

*Table 2 - App Navigation*

Tab	Description
Plan	List status of your current data plan, e.g. total remaining effective days and remaining the amount of data plan for this cycle. You can order a new plan or order HD photos and Videos on demand.
Status	Camera status, including battery level, SD Card capacity and used size, internal temperature of the camera, number of pictures and videos stored on the SD Card, modem ID, camera model, firmware version number, etc.
Settings	Display or program camera settings, such as mode, picture quality etc.
Gallery	Review or download the pictures or videos the camera has taken.

## 7.7. Get the First Picture

After you successfully activate the camera, you would like to get the first picture from the camera:

- Make sure the camera is powered on (screen is on) and has connected to cellular network (refer to the icon indicators in *Section 7.5*).
- Open the App, go to **Settings** Tab, toggle **Transfer on Each Capture** to ON.

- On the camera, Press **START** button, wait for the camera goes into surveillance mode.
- Walk through in front of the camera.
- Check the Gallery tab in the App, generally in several minutes you will get the picture sent from the camera.
- After you successfully get the first picture, please remind toggling **Transfer on Each Capture** to OFF to avoid consuming more data plan.

For more details please visit [www.zopudt.com/tc/cell](http://www.zopudt.com/tc/cell)

### **7.8. View Photo or Video**

Open the App Gallery tab to view, download, save or delete the photos or videos.

For more details please visit [www.zopudt.com/tc/cell](http://www.zopudt.com/tc/cell)

## **8. ADVANCED SETTINGS**

The trail camera comes with preset manufacturer settings. You can change the settings to meet your requirements. Once the camera screen is on, press **MENU** key to enter/exit the menu. Press the **UP/DOWN** key to move the marker, Press the **LEFT/RIGHT** key to change the setting, and press the **OK** key to confirm the change. Always remember to press the **OK** to save the change. Otherwise, you will lose your new setting.

Also you can program your camera in the App.

**Note:** All camera settings programmed through the App will not take effect until the next “Cellular Transfer” cycle. After the setting takes effect, the orange bar on the left of the modified settings will disappear. Considering cellular network transmission speed and power saving, the App will limit photo quality and size, video quality and length.

Parameter	Settings ( <b>Bold</b> = default)	Description
<b>Cellular</b>	<b>On</b> Off	Selecting On to enable cellular, you can use the App to connect the cellular network. Selecting Off to disable cellular, the camera will operate in stand-alone mode and save battery power.
<b>APN</b>		Only can be programmed in the camera. Reserved for future use. Please don't change it.
<b>Activation Code</b>		It is used for activating the camera. Scan it in the App during the setup.
<b>Cellular Info</b>		Details of cellular modem and network, such as Adapter, IMEI, Configure, Status, Signal, SIM, Network, Name, PIN, ICCID, IMSI, APN, PDP etc.
<b>Cellular Transfer</b>	<b>Transfer on Each Capture:</b> On/Off	Selecting <b>On</b> , the cellular network will send picture to phone after each capture by the camera. <b>IMPORTANT Note:</b> <i>Enabling it will significantly consume batteries power due to frequent uploads. Set it to Off in most cases.</i>
	<b>First Transfer time:</b> hh:mm	Selecting the first time that the cellular network sends picture to phone (if camera has taken photos).
	<b>Transfer Interval:</b> 00:30 -24:00 (1 day)	Selecting the transfer interval, e.g. 6, 12, 24 hours to conserve batteries power. <i>Note: Due to network reasons, the actual transfer time may be delayed few minutes from the specified time.</i>

<b>Cellular Photo Quality</b>	320 x 180, <b>640 x 360</b>	Select desired resolution for Cellular photos (preview photos in App Gallery).
<b>Mode</b>	<b>Motion Detection,</b> Time Lapse	In <b>Motion Detection</b> mode, the camera will take photos or videos once triggered. In <b>Time Lapse</b> mode, the camera will take photos or videos periodically according to your preset “Timelapse Interval” parameter.
<b>Photo or Video</b>	<b>Photo,</b> Video, Photo+ Video	Select whether still photos or video clips are taken.
<b>Photo Quality</b>	32MP 24MP 16MP 8MP <b>4MP</b>	Select desired resolution for still photos. Higher resolution produces better quality photos, but creates larger files that take more of the SD card capacity. Larger files require longer time to write to the SD card, which will slightly slow the shutter speed. Note: These options are only applicable for stand-alone camera.
<b>Photo Burst</b>	<b>01,</b> 02, 03	Select the number of photos taken in sequence per trigger.
<b>Video Quality</b>	1296P <b>1080P</b> 720P	Select video resolution (pixels per frame). Higher resolution produces better quality videos, but creates larger files that take more of the SD card capacity.
<b>Video Length</b>	<b>10</b> <b>seconds,</b> Optional from 3s to 5m	Select video recording length. <i>Note: It is highly recommended to set the night video length to less than 30 seconds as the IR LEDs will consume more battery power. <u>When the cellular is ON, the video</u></i>

		<u>length is limited to max. 10 seconds.</u>
<b>Video Sound</b>	<b>On</b> <b>Off</b>	Selecting <b>On</b> will record video with sound.
<b>Video Format</b>	<b>MP4</b> <b>MOV</b>	MP4 is the mainstream format in the video industry, more compatible with any player. Select MOV in case some legacy digital camera software must be working with videos in MOV format.
<b>Detection Delay</b>	<b>10 seconds,</b> optional from 3s to 60m	Select the shortest length of time that the camera will wait until it responds to any subsequent triggers from the PIR sensor after a game is first detected. During the selected interval, the camera will not take pictures/videos. This prevents the SD card from filling up with too many redundant images. <i>Note: This option is invalid if <b>Mode</b> is set as "Time Lapse".</i>
<b>PIR Sensitivity</b>	<b>High,</b> <b>Medium</b> <b>Low</b>	Select the sensitivity of the PIR sensor. Temperature affects the sensitivity. The High setting is suitable when you want to capture distant objects or capture more, and the Low setting is good for less false trigger. <i>Note: this option is invalid if <b>Mode</b> is set as "Time Lapse".</i>
<b>Side Motion Sensors</b>	<b>On</b> <b>Off</b>	Selecting <b>On</b> will activate the side motion sensors. It brings faster trigger speeds and helps capture fast moving animals. When any of the two side motion sensors detects a motion event, the camera will be pre-activated. While the animal enters the

		detection area of the center motion sensor, the camera will start taking photos or videos. Select <b>Off</b> to save batteries power.
<b>Motion Test</b>		This feature helps you aim the camera at your target area. Please refer to the details in <i>Section 9.2</i> .
<b>Timelapse Interval</b>	<b>1 hour</b> , optional from 3s to 24h	Setting time lapse interval. It takes effect <b>ONLY</b> when <b>Mode</b> is set as Time Lapse, the camera will automatically take photos/videos according to the set interval, regardless of whether the PIR sensor has detected any game. This is helpful when observing cold-blooded animals like snakes, or the process of flowering, etc. <i>Note: This option is invalid if <b>Mode</b> is set as "Motion Detection".</i>
<b>Date / Time</b>	M/D/Y hh:mm AM/PM	M – Month, D – Day, Y – Year hh – Hour, mm – Minute <i>Note: Use "<b>LEFT/RIGHT</b>" key to switch parameters, use "<b>UP/DOWN</b>" to set current date and time. Date input format may change. Please refer to "<b>Date Format</b>" parameter settings accordingly.</i>
<b>Date Format</b>	D/M/Y M/D/Y Y/M/D	Select date format which will be shown on the screen and each capture.
<b>Time Format</b>	<b>12h</b> 24h	Select time format which will be shown on the screen and each capture. 12h - AM/PM
<b>Camera Name</b>	<b>On</b> <b>Off</b>	Select <b>On</b> to assign a name, 4-character long, in the form of Capital A-Z, 0-9 to record the location in the photos (e.g.

		A123 for Yellow Stone Park). This helps multi-camera users identify the location when reviewing the photos.
<b>Info Strip</b>	<b>On</b> <b>Off</b>	Select <b>On</b> to show date, time, temperature, moon phase on each capture.
<b>Loop Recording</b>	<b>On</b> <b>Off</b>	Selecting <b>On</b> option will cause the oldest files to be overwritten with new captures when the SD card reaches its capacity. With <b>Off</b> option selected, the camera will stop capturing images once the SD card reaches capacity.
<b>Operation Hours</b>	<b>On</b> <b>Off</b>	Select <b>On</b> if you only want the camera to work within a specified time period every day. For instance, if the starting time is set at 18:35 and the ending time at 8:25, the camera will function from 18:35 the current day to 8:25 the next day. Outside the time period the camera will not be triggered or take photos/videos.
<b>Password</b>	<b>On</b> <b>Off</b>	Set up a 4-digit password to protect your camera from unauthorized users. If the code is lost, you can contact customer support to reset the password.
<b>Format SD Card</b>	<b>Yes</b> <b>No</b>	All files will be deleted after formatting the SD card. It's highly recommended that you format the SD card if it has been used previously in other devices. <b>Caution: make sure wanted files on the SD card have been backed up first!</b>
<b>Factory Reset</b>	<b>Yes</b> <b>No</b>	Selecting <b>Yes</b> will return all your previous settings back to the manufacturer default.
<b>Version</b>	Defined	Display the version of the camera.

## 9. MOUNTING AND POSITIONING

### 9.1. Mounting

After you've set up the camera's parameters to your personal preferences at home, you're ready to take it outside. 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 6in. (15cm). To get the optimal picture quality, the tree should be about 16-17ft. (5m) away from the place to be monitored, with the camera placed at a height of 2.5-3.5ft. (0.75-1m). 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 100ft. (30m) and no closer than 10ft. (3m) from the camera.

There are two ways to mount the camera: using the provided adjustable web belt, or the tripod socket.

**Using the adjustable strap:** In order to use the strap on the camera, push one end of the strap through the two brackets on the back of the camera. Thread the end of the strap through the buckle. Fasten the strap securely around the tree trunk by pulling the end of the strap firmly so there is no slack left (*Figure 11*).

**Using the tripod socket:** The camera is equipped with a socket at the bottom end to enable mounting on a tripod or other mounting accessories with a standard *UNC 1/4-20* thread screw (*user supplied*).





Figure 11: Mounting the Camera

## 9.2. Sensing Angle and Distance Test

In order to test whether the camera can effectively monitor the area you choose, this test is recommended to check the sensing angle and monitoring distance of the camera. To perform the test:

- Switch the camera to the ON mode.
- Press MENU button, go to “Motion Test”. The camera will count down a max 30-second delay and be ready to capture motion. *(Note: The delay time may be less than 30 seconds, depending on the actual time of the motion sensor to be activated. The delay time is 30 seconds minus the power-on time.)*
- Close the camera door.
- Make movements in front of the camera at several positions within the area where you expect the game or subjects to be. Try different distances and angles from the camera.
- If the motion indicator RED light blinks, it indicates that position can be sensed. If it does not blink, that position is outside of the sensing area.
- In these sensing tests, the camera will take pictures once motion is captured. When you open the camera, the screen shows the number of times triggered, you can review the

*pictures on the screen. (Note: The red light will blink only when the motion is within the sensing area of the central PIR sensor. The central sensor's sensing angle of view is 60°. Each of the side sensors has a 30° angle of view, which is only used to pre-activate the camera and accelerate the triggering speed, there is no RED light blinking whatever each of the side sensors detects motions.)*

The results of your testing will help you find the best placement when mounting and aiming the camera. The height above from the ground for placement of the device should vary with the size of animal you are hoping to see. In general, 3 to 6 feet is preferred.

You can avoid potential false triggers due to temperature and motion disturbances in front of the camera by not aiming it at a heat source or nearby tree branches or bush (especially on windy days).

Do NOT install the camera behind the glass window as that is not possible to sense any motion. Avoid aiming the camera toward to any glass objects.

### **9.3. Starting**

The camera supports two working modes, “Motion Detection” and “Time Lapse”, press **START** button to enter surveillance mode.

(1) If you set the camera’s working mode as “Motion detection” in the menu, the camera will count down a 30-second delay, and then will be ready to go into standby (surveillance) and capture. Any motion that is detected by it will trigger the capture of an image or video as programmed in the menu. Be sure you have read the descriptions of the Detection Delay, and PIR Sensitivity parameters.

(2) If you set the camera’s working mode as “Time Lapse” in the menu, the camera will be ready to go into “Time Lapse” mode

soon after the START button is pressed, and then will take images periodically according to your preset “Timelapse Interval” parameter, regardless of the settings “Detection Delay”.

## 10. REVIEW PHOTOS OR VIDEOS

After you have setup, mounted and activated your CAMERA, you will of course be eager to return later and review the images it has captured for you. The camera stores photos and videos in the folder \DCIM\100MEDIA in the SD card. Photos are saved with file names like DSCF0001.JPG and videos like DSCF0001.MP4. The MP4 video files can be played back on most popular media players, such as Windows Media Player, QuickTime, VLC etc.

There are different ways this can be done.

You can directly review the photos or videos on the camera screen.

Or when the camera is powered on, you can use the provided USB cable to download the files to a computer.

Or you can put the SD card into an SD card "reader" (*user supplied*), plug into a computer, and browse the files on the computer without downloading.

## 11. TECHNICAL SPECIFICATIONS

Element	Description
Cellular	LTE, ONLY works with AT&T and T-Mobile
App System Requirements	IOS 9.0 or later Android 7.0 or later
Working Mode	Motion detection or Time Lapse
Max. Pixel Size	32MP
Optics Lens	F=1.6, FOV=70°, Auto IR-Cut
IR Flash	100ft

<b>LCD Screen</b>	2.4" Color screen
<b>Memory</b>	SD, SDHC or SDXC standard memory card (Not included), max capacity 512GB
<b>Picture Resolution</b>	32MP, 24MP, 16MP, 8MP, 4MP
<b>Video Resolution</b>	2304 x 1296P@20fps (16:9), 1920 x 1080P@30fps (16:9), 1280 x 720P@30fps (16:9)
<b>Image Format</b>	Picture: JPEG, Video: H.264 MP4 / MOV
<b>PIR Sensitivity</b>	High/Normal/Low
<b>PIR Sensing Distance</b>	75ft (Below 77°F/25°C)
<b>PIR Sensing Angle</b>	Total 120° (while side motion sensors enabled) Central zone: 60°, Left side: 30°, Right side: 30°
<b>Trigger Time</b>	Approx. 0.1~0.6 second (0.1s while side motion sensors enabled)
<b>Trigger Interval</b>	0sec.-60min, Programmable
<b>Shooting Numbers</b>	1~3
<b>Video Length</b>	3sec ~ 5min., Programmable
<b>Info Strip</b>	On /Off
<b>Operation Hours</b>	On /Off, Specific working period of time
<b>Password</b>	4-Digit Code
<b>Camera Name</b>	4-Character (A-Z, 0-9)
<b>Time Lapse Interval</b>	3 Seconds ~ 24 Hours
<b>Power Supply</b>	8x1.5V AA Batteries (Not included)
<b>Stand-by Time</b>	8 Months
<b>Auto Stand-by</b>	Auto Stand-by (Surveillance mode) in 3 minutes while no operation in <b>ON</b> mode

<b>Low Battery Alarm</b>	8V - Low Battery (Batteries die) 9V - Night vision is unavailable in low voltage (Almost die)
<b>Interface</b>	Mini-USB, Standard size SD card holder, External Power (DC 12V/1A, Plug 5.5x2.1mm)
<b>Mounting</b>	Strap, Tripod Base (1/4-20)
<b>Waterproof</b>	IP66
<b>Operation Temperature</b>	-4~140°F/-20~60°C
<b>Operation Humidity</b>	5% ~ 95%
<b>Product Dimensions</b>	5.6 x 4.2 x 2.86 inch

## 12. TROUBLESHOOTING

If your camera does not seem to be functioning properly or if you are having photo/video quality issues, please run these simple and quick checks:

- Make sure the camera is powered on and in the right mode
- Format the SD card in the camera or replace the SD card, since the SD card is a storage media and sometimes it might be unstable
- Replace batteries if night vision seems not to be working as expected

If your unit is still having trouble, please contact us, providing us with your order number, or **check the website to determine that you are using the latest firmware and App.** Please be assured we will make the things right for you.

## **13. WARRANTY**

### **ONE YEAR LIMITED WARRANTY**

**Your Trail Camera warranty covers your trail camera for one year after the original purchase date.** We warrant that your camera will be free from defects in materials and workmanship when operated in normal use and conditions. This warranty does not cover consumer caused damages such as misuse, abuse, improper handling or installation, damaged caused by wild animals, or repairs attempted by someone other than our authorized technicians.

We will, at our option during the warranty period, repair your camera or replace it with the same or comparable model free of charge. This warranty only extends to the original retail buyer from our authorized dealer. Purchase receipt, order number or other proof of the date of the original purchase is required to receive warranty benefits. The warranty on any replacement product provided under the original warranty shall be for the remaining portion of the warranty period applicable to the original product.

This warranty extends solely to failures due to defects in materials or workmanship under normal use. It does not cover normal wear of the product.

If you need to return a product under this warranty, please contact your dealer or our distributor.