

# **Blackhawk LTE Trail Camera**

## **Instruction Manual**



## **What you will need to set this camera up:**

-Internet Access to Choose Your Plan.

<https://secure.covert-wireless.com>

-At least 4 AA Batteries

-SD Card

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## **Federal Communications Commission (FCC) Statement**

This device complies with part 15 of the FCC Rules.

Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off

and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

**Note:** The manufacturer is not responsible for any radio or tv interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

#### **RF exposure statement:**

The transmitter must not be co-located or operated in conjunction with any other antenna or transmitter.

This equipment complies with the FCC RF radiation Exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20cm between the radiator and any part of your body.

## Camera overview:

This camera is a water resistant outdoor used infrared surveillance Camera. It can be triggered by any movement of animal or human. It is monitored by a high sensitive Passive Infrared (PIR) motion sensor, and then automatically captures high quality pictures or records video clips. It sends picture instantly via 4G module. You can view the pictures via Web portal or your APP.



1: Black vision IR flash

3: Light sensor

5: PIR sensor

7: HD TFT screen

2: Lens

4: Power switch

6: Key board

8: LTE antenna

## Installing SD card:

You can use any SD card size up to 64GB.

You must have the SD card in the camera to be able to turn the camera on and set it up.

## Installing the batteries:

Your L4-AG can function short term on 4-AA batteries. Improved battery life on 8-AA, but we suggest you use 12-AA batteries to get the most out of your cameras battery life. Using Covert rechargeable NiMH, 2300mAh, AA batteries will extend the battery life significantly when paired with a Covert Solar Panel.

**DISCLAIMER:** Do not use external power source (Example: Solar Panel) with non-rechargeable AA batteries installed in camera.

Install batteries by sliding the top battery into the sleeve, then depressing the spring with the other battery and snapping down in place. Pay attention to the (+) or (-) molded into each sleeve to determine if you insert the positive or negative end into the sleeve first. Negative battery terminal always contacts the spring.

## Field setup:

- For best results, mount the camera approximately 3 feet off the ground facing straight forward, as level as possible.
- To enhance the flash, we recommend positioning the camera in an area with a backdrop to reflect the maximum amount of light. For instance, place the camera 20-30' from a field edge facing the woods. For the inside of timber, positioning the camera facing a thicket approximately 20-30' away.
- Try to set the camera up so it's not facing directly into the sun either in the morning or the evening when game movement is at its peak.
- Use the Covert Tree60 mounting system to mount the camera up higher pointing down on them for a better look. Works great when you don't have a straight tree to attach to.

## **Downloading the Mobile App:**

Search "Covert Wireless" in your Google Play Store or Apple App Store.



## **Accessing the Web Portal:**

Open your web browser to:

[www.covert-wireless.com](http://www.covert-wireless.com)

Now that you have activated your AT&T plan, you will need to install a SD card in the bottom of the camera, (Covert SD card recommended). See Figure 8 for card orientation. Push in until it clicks and release. To remove, repeat that process, the card will pop out enough to remove. You can use any SD card size up to 64GB. You must have the SD card in the camera to be able to turn the camera on and set it up.



## Setting up the wireless network: NET tab:

While finding the network you will see the words ***Searching Signal***, in red on the screen. The camera will then say ***Connecting to Server*** as it is connecting to the server. Once you see AT&T in the top right corner, you are ready to move on.

**Quick Tip:** If your camera says ***Connection Failed***, turn the camera **OFF** then back **ON**. (Power Cycle.)

### Definitions:

**INSTANT:** Turns wireless feature **ON** to send a picture every time the camera is triggered.

## Download Firmware:

Anytime your camera needs a firmware update, it will be automatically pushed to your camera. When you go check your camera, we encourage you to scroll to the NET Tab and download the latest firmware version in case there's been an update.

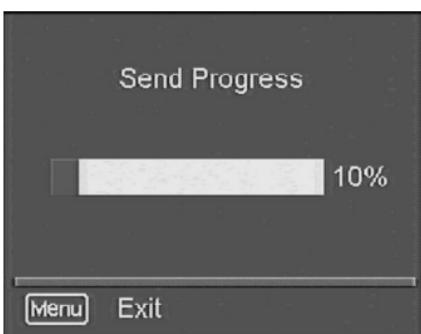
Then take out your SD card, lock it and put it in your camera. Turn your camera onto setup, scroll to the SYS tab and scroll down to default set. Press OK. Then turn your camera off, unlock your SD card and put in back in your camera.

**Important Note:** Anytime you make changes directly to the camera, press **OK** to save the changes on your camera and choose “Upload settings” in **SYS** to sync the changes directly to the web portal.

## Send a test photo:

This is a great way to make sure that your camera is working properly before leaving your camera set up remotely.

- 1) Press the button that has the **CAMERA** symbol on it (1) time to manually take a photo with the camera. You will know that a photo has been taken because the photo counter on the screen will say **001**.
- 2) Press the **PLAY** button, located under **MENU**, to enter the Play mode and then press the **MENU** button. You will see the following screen.
- 3) Press the **▼** to highlight the **SEND** option and press **OK**.
- 4) The LCD screen will start to count up from step 1 to 4 with brief pauses between numbers. Once you see Send Successful, you have successfully sent your first photo and your camera is ready to take photos. Press **PLAY** to return to the main menu



## Customizing the camera settings:

### Camera Mode



**Photo Mode:** You can change Photo Size, set Flash power, and Photo Burst in Photo Mode.

**Video Mode:** You can further set the Video Size and Video Length.

**Picture +Video Mode:** If you select the combination of photo and video, the camera will automatically take a 8MP picture and a video of 10s length with 720p resolution.

# Trigger Mode Settings



**PIR Sensitivity:** The camera will react on movements and temperature changes.

- Low
- Auto
- High

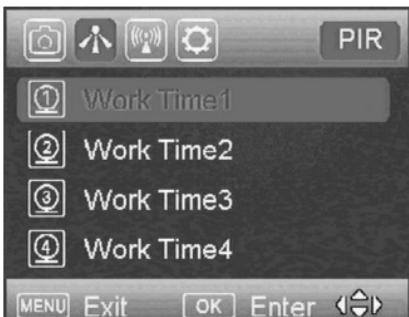
**PIR Interval:** The PIR sensor takes a break in order to avoid unnecessary recordings.

- 0 seconds means the PIR function is opened all the time.
- 5-60 seconds in 5 seconds steps
- 1-5 minutes in steps of 1 minute
- 5-60 minutes in steps of 5 minutes

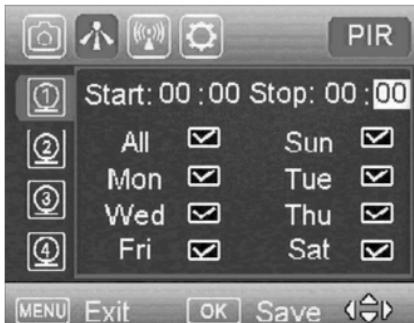
**Time Lapse:** Camera release at defined intervals:

- 5-60 seconds in 5 seconds steps
- 1-5 minutes in steps of 1 minute
- 5-60 minutes in steps of 5 minutes
- 1-8 hours in steps of 1 hour
- 12,16,20,24 hours in steps of 4 hours.

## Time Frame Setting



Select "ON" or "OFF". Select a work time for the activity of the camera. You can select the weekdays and start-stop time.



If you wish the camera to be active permanently, select the time frame menu and switch it “OFF”.

**Note:**

1. Work hour: 00:00-00:00 means 24 hours.
2. Start: 20:00 Stop: 10:00 means 00:00-10:00 am and 20:00-24:00 of the chosen day.

# System Settings



The following settings can be done. (Information about navigation please see chapter camera programming)

## **Set Clock**

You can choose different date formats according to different countries to set date and time.

## **Password:**

Select "On" and enter a 4 digit code to protect the camera from unauthorized use. Be sure to note the password and store the code at a safe place. It will not be possible to reset the code on your own. Select "Off", if you do not wish to use a password. The pre-set code is 0000.

**Rename:**

Enter a name that will be shown on each picture stamp.

**Overwrite**

Save the new data file to overwrite the old data file when SD card is full.

**SD card formatting:**

Delete all data of your memory card. Be sure that you won't need the data any more.

**Default:**

With a reset to factory settings, all your own settings will be lost.

**Software Version:**

Indicate the software version in case of contact to our service agents.

**AUXILIARY POWER:** Your camera comes with a standard 4mm Auxiliary power jack. Covert offers an auxiliary cable to extend your battery life with an external 6, 9 or 12 volt battery. In order to use 12 volt, you must use the Covert auxiliary battery cable. We also sell a Covert Solar Panel to directly hook up to your camera for optimal battery usage.

**MINI USB:** Your camera can use a mini USB cable to hook up to your computer or TV to look at the photos.

## **Troubleshooting: COMMON ERROR MESSAGES:**

**“LOG IN FAIL”**

**“SEND FAIL”**

**“NETWORK BUSY”**

### **Reasons for error:**

Login Fail:

1. The service in your area is insufficient to run the camera.
2. Make sure that your antenna is attached securely.
3. Make sure the firmware on your device is the most up-to-date version.

Send Fail:

1. The camera does not have sufficient service to send the picture. Make sure you have setup an

account and selected a rate plan from  
secure.covert-wireless.com

2. You have entered your ICCID and/or IMEI number  
incorrectly. Click the Red X to delete the camera  
from your secure.covert-wireless.com account and  
add the correct information.

**Network Busy:**

1. The AT&T Network service provider is busy.
2. The camera does not have sufficient service to  
send the picture.
3. Network busy can also mean there isn't enough  
money on your account with AT&T.

**No SIM:**

1. Take the SIM card out and reinsert it. Ensure it  
clicks into place.

If it's a cellular service issue you may need to  
purchase a booster antenna from Covert Scouting  
Cameras to help boost the signal. These can be very  
effective in boosting the signal to your camera in a  
poor signal area.

- If you are still having problems, contact customer service at **877-462-1799** or e-mail [support@dlccovert.com](mailto:support@dlccovert.com)
- If you e-mail or have to leave a message, we will get back to you as quickly as we can.

## **Cannot access the SET-UP menu:**

### **Reasons for issue:**

- 1) SD card not inserted
- 2) SD card is corrupted
- 3) Batteries are low

### **Suggestions to remedy**

- 1) Install new SD card
- 2) Replace batteries

# **Appendix One:**

## **Technical Specifications**

### **Picture Resolution**

**12MP**

**Lens F/NO=2.2 FOV (Field of View)=58°**

**Frequency Bands:** FDD-LTE: B4/B13;

WCDMA: Not supported; GSM: Not supported

### **Flash Power Full, Low**

**Display Screen 2.0" LCD**

**Memory Card Up to 64GB**

### **Video Resolution**

**1080P, 720P, VGA, QVGA**

**PIR Sensor Multi Zone**

**PIR Sensitivity Adjustable(High/Normal/Low)**

**Trigger Time 0.6s**

**Weight Less than 1 Pound (without batteries)**

**Operation/Storage Tem. -20 - +60°C / -30 -**

**+70°C**

**Trigger Interval 0s – 60 min.**

**Time lapse**

**5-55 second (in 5 second increments);**

**1-59 minutes (in 1 minute increments);**

1-8 hours (in 1 hour increments);

12h,16h,20h,24h;

**Photo Burst** 1–10

**Video Length** 1–60s

**Power Supply** 4AA, 8AA or 12AA

**Stand-by Current** < 0.25 mA (<6mAh/Day)

**Power Consumption**

600 videos (interval=5min, video  
Length=10s) ;

>800 MMS (use 12\*AA batteries)

**Low Battery Alert** LED Indicator

**Mounting** Rope/Belt/Python lock

**Dimensions** 5.6" x 4.75" x 3

**Operation Humidity** 5% - 90%

**Security authentication** FCC, Verizon