



**EYECON**™  
TRAIL CAMERAS

FROM  
**BIG GAME® TREESTANDS**



Model TV4001

**User's Manual**

**TRAIL CAMERAS**



## User's Manual



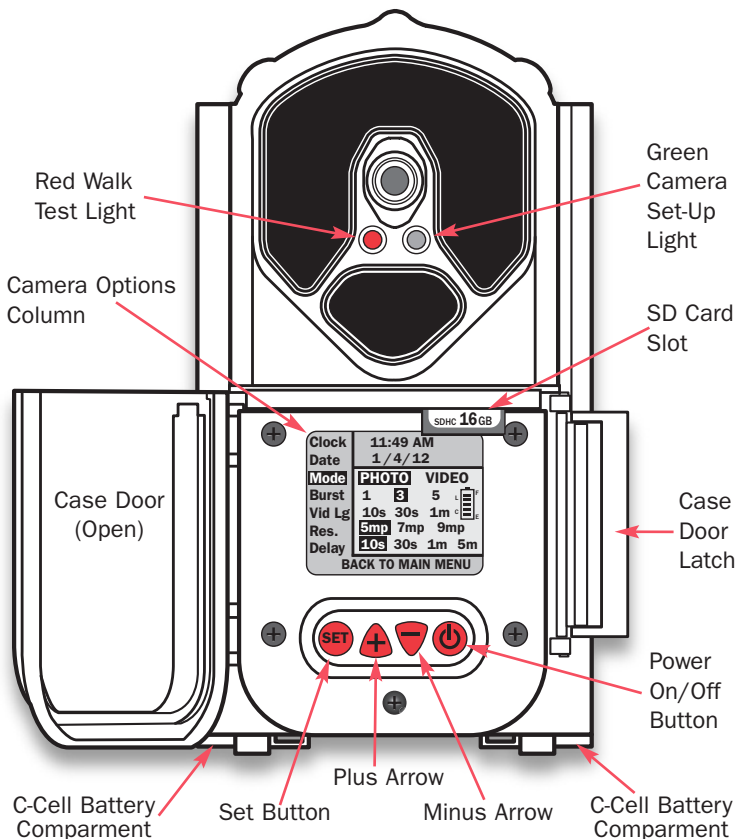
First Edition, January 2012. Published by BGHA, Inc., Windom, MN.  
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**⚠ WARNING!** Prolonged exposure from looking directly into any infrared light could cause cataracts or permanent retinal damage. Do not look directly into the camera during test mode! Failure to follow this warning may cause serious injury or blindness!

**⚠ WARNING!** Do not expose camera interior components, batteries, or SD card to rain or water. Make sure camera and hands are completely dry before handling. Failure to follow this warning may result in serious damage to the camera and/or its parts, personal electrical shock or death!

**⚠ WARNING!** Only batteries as designated in this manual should be used. Failure to follow this warning may result in leaking batteries, serious damage to the camera, and personal injury or death!



## ITEMS REQUIRED FOR STARTUP:

- **6 C-Cell Alkaline Batteries** (Sold separately)
- **1 SDHC Storage Card (up to 32GB)** (Sold separately)

**NOTE:** Eyecon™ Trail Camera's can accept SD cards up to 32GB, but testing shows that maximum performance is obtained at 16GB.

- **1 External SD memory card reader for viewing photos/videos.** (Sold separately)
- **OPTIONAL: 1 Model TVA100 Extenda-Life rechargeable lithium battery pack.** (Sold separately)

**NOTE:** Your Storm Trail Camera is designed with a dual power supply. The camera will operate using six C size alkaline batteries or the TVA100 Extenda-Life battery pack, or a combination of both. If both alkaline and the Extenda-Life pack are used together the camera will run on the external Extenda-Life pack until depleted and then automatically switch to the internal alkaline C batteries. It will always run on the external pack first when both battery sources are installed in the camera.

To see which battery source the camera is using, look at the **battery indicator**. If there is an L on the left side of the **battery indicator** this means the camera is running on the TVA100 Extenda-Life Lithium pack. If a C has replaced the L this means the camera has switched over to the internal alkaline C batteries and you should remove the Extenda-Life pack for recharging.

# **BATTERY INSTALLATION:**

## **IF USING C-CELL BATTERIES**

1. Turn **battery door lock** to open position to release door located on the bottom of the camera.
2. Insert (3) **C-cell batteries**, negative (-) side inserted first into one side.
3. Close the **battery door** and position lock to locked position.
4. Repeat on opposite side.

## **IF USING EYECON™ EXTENDA-LIFE BATTERY PACK**

1. Remove plastic plug on the back side of the camera. **NOTE:** Save this plug for future use. It should **ALWAYS** be in position when the **Extenda-Life Battery Pack** is not being used.
2. Insert **Extenda-Life Battery Pack** by sliding it into position until it "clicks" into place.

# MEMORY CARD INSTALLATION:

## TO INSTALL THE SD CARD (Sold separately)

1. Open case door.
2. Insert the **SD card** face up into the **SD Card Slot** until you hear it click into place. Press it once to remove.

PHOTO SIZE (Resolution)	MEMORY CARD SIZE = NUMBER OF PHOTOS					
	1GB	2GB	4GB	8GB	16GB	32GB
1.3 MP	2000	4000	8000	16000	32000	64000
3.0 MP	905	1808	3619	7238	14476	28952
5.0 MP	595	1190	2381	4762	9524	19048
7.0 MP	401	802	1604	3208	6416	12832
9.0 MP	258	516	1032	2064	4128	8256
Video (30 Sec)		216	433	866	1733	3466

## QUICK SETUP:

Your **Storm Trail Camera** will come with the following standard options already preset so that quality photos may be taken right out of the box without changing any settings.

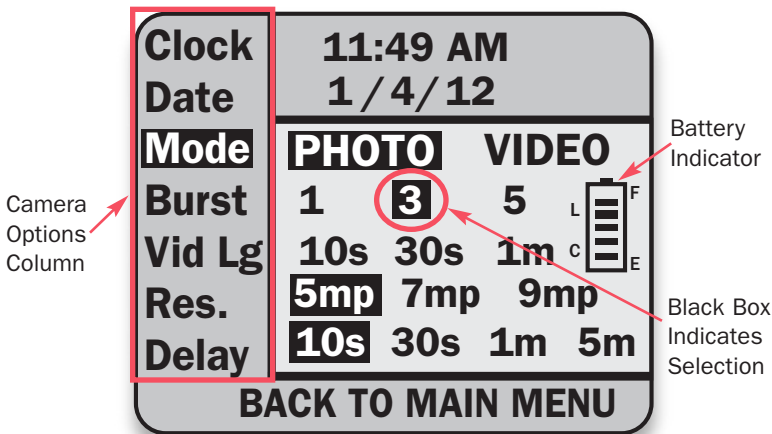
**MODE:** Photo

**BURST:** 3 photo burst

**RESOLUTION:** 5mp

**DELAY:** 10 sec

If you wish to customize your own settings proceed to **Advanced Settings & Functions**.



User Setup Screen



## ADVANCED SETTINGS & FUNCTIONS:

Press and quickly release the **power button** to activate the camera and view the **user setup screen**.

Setting the functions is easy; simply use the **plus** or **minus arrows** to select the feature (blinking) you wish to change and then push the **SET button**. Each feature will blink and can be changed using the **+ /- arrows** and then push **SET** to move to the next feature.

**CLOCK:** This will set the **Time, Date** and **Year** that will be stamped onto the bottom of your photos.

To set the **TIME:** Use either the **+** or **- arrows** and scroll up until the **"Clock"** starts to flash. Press the **SET button** and Clock will stop flashing, and either **"AM"** or **"PM"** will start to flash. Use the arrows to select the correct setting and press the **SET button** to move on to the **"Hour"** setting. Use the **+** or **- arrows** again to set the correct **Hour**, press the **SET button** and move on to get the **"Minutes"** to flash. Arrow up or down the correct **Minutes** and hit **SET** to finish setting the time. This will bring you back to the **camera options column**, where you'll notice the **"Clock"** is flashing again

To set the **MONTH:** Use the **+** or **- arrows** and scroll down until the **"Date"** starts to flash. Press the **set button** and you will see **"MM"** start to flash. Pressing the **set button** again will allow you to select the correct **Month**. Use the **+** or **- arrows** to change the **Month** setting.

To set the **DAY:** Press the **set button** again and you will see **"DD"** start to flash. Pressing the **set button** again will allow you to select the correct day. Use the **+** or **- arrows** to change the day setting.

To set the **YEAR**: Press the **set button** again and you will see “YY” start to flash. Pressing the **set button** again will allow you to select the correct year. Use the **+** or **- arrows** to change the year setting. Press the **set button** again and this will bring you back to the **camera options column** and you will notice the “**Date**” is flashing again.

**PHOTO**: This option will show you how many photos and/or videos the camera has taken.

To check **PHOTOS**: Use the **+** or **- arrow** to scroll down to “**Photos**”

**MODE**: Mode selects whether you would like the camera to take still photos or take video clips. Options are: **Photo** (still) or **Video**

To set the **MODE**: Scroll down by pressing either the **+** or **- arrows** until the “**Mode**” starts to flash. Press the **set button** until a **box** appears behind either **Photo** or **Video**, this determines what **Mode** the camera is in. Press the **+** or **- arrows** to select either the **Photo** or **Video** setting. Press the **set button** again to lock in the setting and exit **Mode**. You will see “**Mode**” flashing again in the **camera option column**.

**BURST**: Burst selects how many photo images you would like the camera to take in a row before set trigger delay kicks in. Options are: **1, 3, or 5**

To set the **BURST**: Use the **+** or **- arrows** to scroll down until the “**Burst**” starts to flash. Press the **set button** until a **box** appears behind one of the **Burst settings**. Use the **+** or **- buttons** to select the desired **Burst setting**. Press the **set button** again to lock in that setting and exit **Burst**. You will see “**Burst**” flashing again in the **camera options column**.

**VID LG:** This setting selects the length you would like each video to be. Options are: **10 seconds, 30 seconds or 1 Minute.**

To set the **VIDEO LENGTH:** Use the + or – arrows to scroll down until the “Video LG” starts to flash. Press the **set button** until a **box** appears behind one of the Video settings. Use the + or – arrows to select the desired **Video LG** setting. Press the **set button** again to lock in that setting and exit **Video LG**. You will see “Video LG” flashing in the **camera options column.**

**RES:** This setting selects the resolution at which you would like the camera to take the pictures. A higher resolution photo requires more storage. Options are: **5MP, 7MP, or 9MP.**

To set the **RESOLUTION:** Use the + or – arrows to scroll down until the “Res” starts to flash. Press the **set button** until a **box** appears behind one of the Res settings. Use the + or – arrows to select the desired **Res setting.** Press the **set button** again to lock in that setting and exit **Res.** You will see “Res” flashing again in the **camera options column.**

**DELAY:** This setting selects the trigger delay at which you want to run your camera. This is the amount of time between each burst. Options are: **10 seconds, 30 seconds, 1 minute or 5 minutes.**

To set the **DELAY:** Use the + or – arrows to scroll down until “Delay” starts to flash. Press the **set button** until a **box** appears behind one of the Delay settings. Use the + or – arrows to select the desired **Delay setting.** Press the **set button** again to lock in that setting and exit **Delay.** You will see “Delay” flashing again in the **camera options column.**

# MOUNTING & FIELD SETUP

The **Storm** comes with a 6 ft nylon mounting strap which allows for quick and easy mounting. The camera back is unique in that it has 12 vertical large bark biters and 5 different adjustment slots. This allows for several strap placement options or another strap can be added depending on your application. Either way, you can be guaranteed that the **Storm** will mount to just about anything.

- a. The ideal mounting height for deer or big game should be waist high or around 36 to 40 inches from the ground. For shorter game like bear or turkeys knee high will work better.
- b. The motion detection angle of your **Storm** is about 50 degrees which also matches the camera (FOV) Field of View. The motion detection distance in ideal conditions is between 60–70 ft. This can be greatly affected by weather conditions, animal body size, and speed at which an animal passes through the detection zone.

**ARMING THE CAMERA:** There are two different ways your **Storm** can be armed. The camera will automatically arm itself after 30 seconds if the user does not press any of the camera buttons. Or it can be force armed by pressing the **+** and **-** arrows at the same time until the screen goes blank.

To wake the camera up simply touch the **power on button**, do NOT hold the button down or the camera will shut off. **NOTE:** if the camera is in the process of taking still photos or videos it must first complete the process before it will wake up.

**CAMERA LIGHTS:** The **red walk test light** on your **Storm** is used to help determine that your camera is set at the proper height and is pointed in the right direction. The **red walk test light** can only be activated by a combination of heat and motion. After either 20 photos or videos the **red walk test light** becomes inactive and will not be seen until the user wakes the camera up again. The **green light** will remain active during camera set up and indicates that everything is working and ready to go. After either 20 photos or videos it will turn off as well and remain off until the user wakes the camera up.

# USING THE HANDHELD VIEWER FEATURE

## EXIT SETUP MENU:

There are two different options to exit the **User Setup Screen**.

- a. The first option is to use either the **+** or **-** **arrow** to scroll down to the bottom of the screen until **"Back to Main Menu"** has a **black box** behind it. Press the **set button** to return to the original **"Eyecon Trail Camera"** start up screen.
- b. The second option does not matter where you are at on the **User Setup Screen**. Press and hold the **"Set" button** until the **"Eyecon Trail Camera"** start up screen appears. Next you will see two options to choose from. Press either of the **+** or **-** **arrows** until **"View Photos"** starts to flash and then press the **SET button** to enter and view your photos or videos.

**NOTE:** If the camera has not taken any photos or videos a screen will appear that says **"No File"**. Press the **set button** again and using the **+** or **-** **arrows** scroll down to **"Exit Photo Viewer"**. Pressing the **set button** one more time will bring you back to the original Home Screen.

## **VIEWING SCREEN INFORMATION & FUNCTIONS:**

**VIEW IMAGES AND VIDEO:** In the upper right hand corner of the viewing screen there will be a black box which will display the total number of still images and videos. To scroll through your images or videos simply press either of the **+** or **- arrows**. If you want to start from the first image taken, press the **+** **arrow**. If you want to scroll backwards from the last image taken to first then press the **- arrow**. If you have a combination of photos and videos a "**Video Icon**" will appear on the left side of the screen each time a video is selected.

## **TO SAVE AND PROTECT PHOTO:**

To save or lock an image or video that is currently showing on the screen press the **SET button**. Next scroll down using either of the **+** or **- arrows** until "**Save-Protect Photo**" turns red. Press the **SET button** again and "**Lock Icon**" will appear on the photo in the upper left hand corner. This photo will stay protected and cannot be deleted until you unlock it.

## TO DELETE CURRENT PHOTO:

To delete the current photo or video that you are viewing press the **SET button**. Next scroll down using either of the **+** or **- arrows** until "**Delete Current Photo**" turns red. Press the **SET button** again to delete the current photo. **NOTE:** Once you delete a photo or video it is permanently deleted and can **NOT** be restored.

## TO DELETE ALL PHOTOS:

Press the **SET button** and scroll down using either of the **+** or **- arrows** until "**Delete All Photos**" turns red. Press the **SET button** again. Another screen will appear that will ask, "**Confirm Deleting All Photos**". At this point you need to make a decision either to delete or cancel.

- a. If you choose to cancel scroll up or down using either of the **+** or **- arrows** until "**Cancel**" turns red then press the **SET button** again. This will cancel the delete process and bring you back to the main viewing screen and current photo.
- b. If you choose to continue with the delete process, scroll up or down using the **+** or **- arrows** until the "**Confirm Deleting All Photos**" turns red. Press the **SET button** again and all unprotected photos and videos will be permanently deleted.



## TO EXIT PHOTO VIEWER:

To exit photo viewer push the **SET button**. Using the + or – arrows scroll down until "Exit Photo Viewer" turns red. Press the **SET button** again to exit **Photo View** and return to the **Home Screen**.

# CAMERA CARE

**Moisture, vibration, and extreme temperature** can cause severe damage to your trail camera and should be avoided. Keeping your camera free from moisture and vibration and using in the correct temperatures will assure you many years of maintenance free service and operation.

**MOISTURE:** Although all Eyecon™ Trail Cameras have a very durable plastic composite case which also makes them water resistant even under the most extreme weather conditions, care must be taken to prevent water damage.

- **NEVER** mount your trail camera upside down or leave the case open for an extended period of time.
- **NEVER** change batteries, camera settings or SD cards in heavy rain.
- If your camera would happen to get water inside, remove the batteries immediately and allow the camera to dry out for several days before activating it.

**VIBRATION:** Like any electronic device your Eyecon™ Trail Camera is designed with many small electronic components that are very sensitive to vibration. Failure to follow careful handling & transport may cause extreme and irreparable damage to your camera.

- **NEVER** drop the camera on a hard surface
- **ALWAYS** transport your camera in a method to avoid bouncing around or vibration.

**TEMPERATURE:** Recommended storage and operating temperature: -10°F to 120°F.

- **NEVER** store your camera in a vehicle or other contained environment with extremely high temperatures for an extended period of time!

# TROUBLE SHOOTING

**CAMERA NOT RESPONDING:** If your camera at anytime does not respond when the buttons are pushed or you cannot turn it off, your camera maybe locked up. The best way to resolve this problem is to open one of the battery doors for a period of 10 seconds. This will cut the main power supply to the camera and will take care of the problem. If you are using both the external **TVA100 Extenda-Life** lithium battery pack and internal **Alkaline** supply, you will need to do the same for both.

**BAD SDHC CARD:** Over time a **SDHC** or any **storage device** could become corrupt. If your camera fails to acknowledge the **SD card** we recommend that you replace the card with a new **SD card** or one from a different **EYECON™ Trail Camera** that you know works. This will help determine whether the problem is the **SD card** or the camera. We do **NOT** recommend using cards that have been used in cameras from different companies and/or different styles of cameras.

**IMAGE QUALITY:** Your **Storm Trail Camera** is designed to give you optimum trigger speed along with great night photo clarity. There may be some instances where an animal is moving extremely fast or the light may be bad causing a smearing/blurry object within your image. This is a natural part of photo taking and may occur from time to time.

# WARRANTY AND REGISTRATION

**Eyecon Trail Camera's 1 Year Limited Warranty:** For a period of 365 days after purchase, Big Game® Treestands will, at its discretion, repair or replace this product for any reason of any defect or malfunction. This warranty is only valid if the product is used for the purpose intended and has not been tampered with and/or physically damaged in any way. Products that have been damaged due to negligence or misuse do not qualify for warranty replacement.

## TO ACTIVATE WARRANTY:

- You **MUST register your Storm Eyecon Trail Camera within 30 days** of purchase to receive any warranty protection!
- You **MUST keep a copy of your receipt as Proof of Purchase** for any warranty protection!

## TO OBTAIN A WARRANTY CLAIM:

1. You **MUST** call our customer service department at **800-268-5077** or **507-831-4350** and follow all troubleshooting requests first.
2. If Warranty Claim is approved, a **RA Number** will be given to you; keep this for your records.
3. **Remove your SD card and batteries** (any items other than original camera casing will be destroyed and not returned with new item)
4. **Include a copy of your original receipt, your RA#, and a check or credit card number for \$20.00 shipping/handling in the box.**
5. **Ship the box prepaid to:** Big Game Treestands, Camera Returns, 1820 N. Redding Ave. Windom, MN 56101. **Make sure to put the RA# in bold letters on the outside of the box.**

To activate your product's warranty, please mail in this completed registration card or submit it online at [www.biggametreestands.com](http://www.biggametreestands.com)

## PRODUCT REGISTRATION

Product Purchased \_\_\_\_\_

Model Number \_\_\_\_\_

Serial Number \_\_\_\_\_

Owner's Name \_\_\_\_\_

Street Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip Code \_\_\_\_\_

Email Address \_\_\_\_\_ Phone \_\_\_\_\_

Owners Age (optional) \_\_\_\_\_ Sex (optional)      M      F

Date Purchased \_\_\_\_\_

Purchased From (Dealer Name) \_\_\_\_\_

How did you hear about us:   \_\_Catalog   \_\_Webpage   \_\_Friend

\_\_Magazine   \_\_Other, Please Explain: \_\_\_\_\_

Are you a:   \_\_Bow Hunter   \_\_Gun Hunter   \_\_Both

Treestand Pref:   \_\_Fixed Position   \_\_Climbing   \_\_Ladderstand

**PLEASE REGISTER TO ACTIVATE YOUR PRODUCT'S WARRANTY.**

## **Remember to activate your product's warranty?**

See warranty information and registration instructions on page 20 and then complete and mail in the registration card on page 21 or submit it online at:

**[www.biggametrestands.com](http://www.biggametrestands.com)**

# OWNER'S RECORD

Product Name \_\_\_\_\_

Model Number \_\_\_\_\_

Serial Number \_\_\_\_\_

Purchased From \_\_\_\_\_

Purchased Date \_\_\_\_\_

**YOU MUST RETURN THE COMPLETED REGISTRATION CARD ON PAGE 21 WITHIN (30) DAYS OF THE PURCHASE IN ORDER TO ACTIVATE THE LIMITED WARRANTY COVERAGE.** (Make sure to include date purchased when registering!)

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## NOTES:

Big Game® Treestands  
PO Box 382 • 1820 North Redding Ave • Windom, MN 56101  
800-268-5077 • 507-831-4350

**PLEASE REGISTER TO ACTIVATE YOUR PRODUCT'S WARRANTY.**

[www.BigGameTreestands.com](http://www.BigGameTreestands.com)



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