EYECON™
TRAIL CAMERAS

FROM
BIG GAME® TREESTANDS

Model TV1012

BLACKWIDOW™

User's Manual

TRAIL CAMERAS

EYECON™
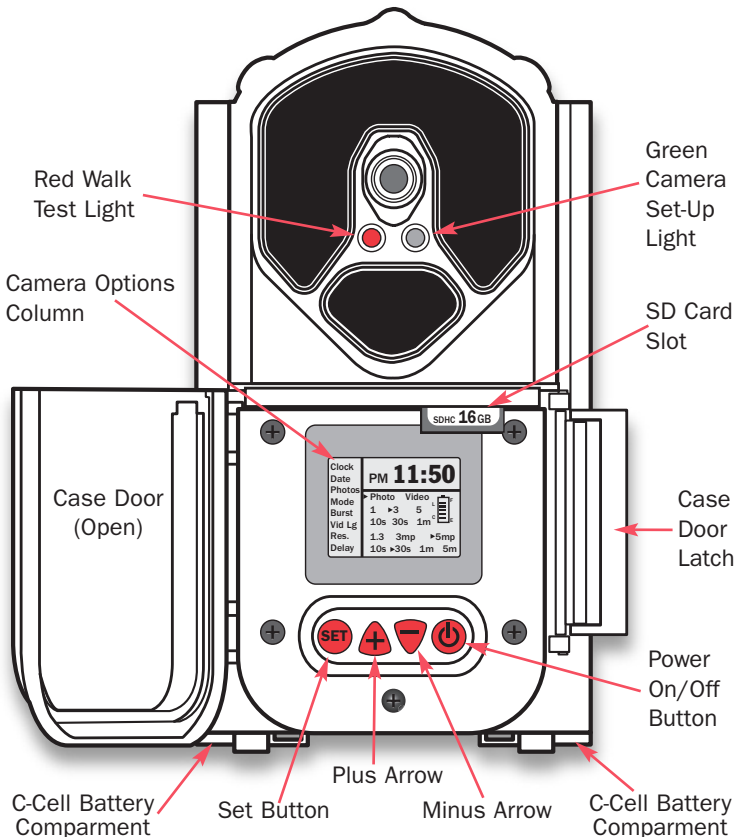## TRAIL CAMERAS

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READ THIS MANUAL IN ITS ENTIRETY PRIOR TO USING THIS PRODUCT.

⚠ **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!

PLEASE REGISTER TO ACTIVATE YOUR PRODUCT'S WARRANTY.

Red Walk Test Light

Green Camera Set-Up Light

Camera Options Column

SD Card Slot

SDHC **16**GB

Case Door (Open)

Clock
Date
Photos
Mode
Burst
Vid Lg
Res.
Delay

PM **11:50**
▶Photo Video
1   ▶3   5
10s 30s 1m
1.3 3mp ▶5mp
10s ▶30s 1m 5m

Case Door Latch

SET + ▬ ⏻

Power On/Off Button

C-Cell Battery Comparment

Set Button

Plus Arrow

Minus Arrow

C-Cell Battery Comparment

4

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 **Black Widow 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
Video (30 Sec)		216	433	866	1733	3466

QUICK SETUP:

Your **Black Widow 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.
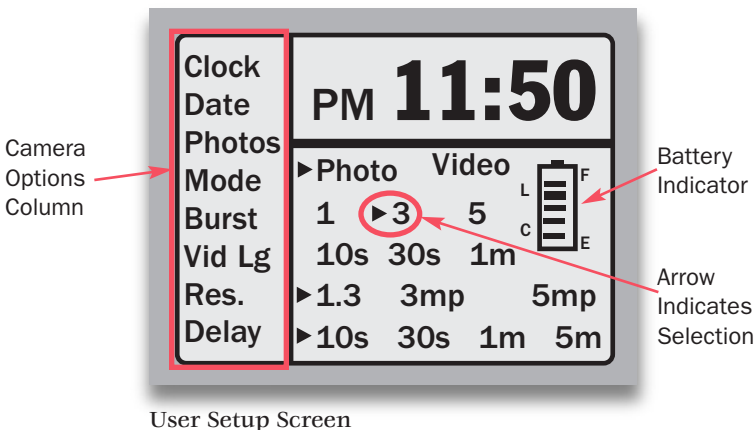
MODE: Photo   **BURST:** 3 photo burst

RESOLUTION: 1.3mp   **DELAY:** 10 sec

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

Camera Options Column →

Battery Indicator

Arrow Indicates Selection

```
Clock
Date
Photos          PM 11:50
Mode           ▶Photo   Video        L ▮ F
Burst           1  ▶3   5            C ▮ E
Vid Lg         10s  30s  1m
Res.           ▶1.3   3mp    5mp
Delay          ▶10s  30s  1m  5m
```

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 an **arrow** starts to flash by 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 an arrow flashes at 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 an arrow flashes at 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 the 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: **1.3MP, 3MP, or 5MP.**

To set the **RESOLUTION:** Use the **+** or **– arrows** to scroll down until the **"Res"** starts to flash. Press the **set button** until an arrow flashes at 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 an arrow flashes at 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**.

BLACK WIDOW MOUNTING & FIELD SETUP

The Black Widow 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 **Black Widow** 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 **Black Widow** 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 **Black Widow** 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 **Black Widow** 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.

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 litium 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 **Black Widow 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 Black Widow 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.**

PLEASE REGISTER TO ACTIVATE YOUR PRODUCT'S WARRANTY.

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.   17

Remember to activate your product's warranty?

See warranty information and registrtion instructions on page 16 and then complete and mail in the registration card on page 17 or submit it online at:

www.biggametreestands.com

PLEASE REGISTER TO ACTIVATE YOUR PRODUCT'S WARRANTY.

OWNER'S RECORD

Product Name _____

Model Number _____

Serial Number_____

Purchased From _____

Purchased Date _____

YOU MUST RETURN THE COMPLETED REGISTRATION CARD ON PAGE 17 WITHIN (30) DAYS OF THE PURCHASE IN ORDER TO ACTIVATE THE LIMITED WARRANTY COVERAGE. (Make sure to include date purchased when registaring!)

NOTES:

Big Game® Treestands
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www.BigGameTreestands.com

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