



BROWNING[®]

TRAIL CAMERAS



RECON FORCE

ADVANTAGE ————— **FULL HD VIDEO**

MODEL BTC-7A



PLEASE READ THIS MANUAL BEFORE USE

INSTRUCTION MANUAL



BROWNING[®]

TRAIL CAMERAS

Thank you for purchasing a Browning Trail Camera. Our trail cameras are constructed of the finest workmanship and materials available. As hunters ourselves, we have designed our products to help you get the most of your time in the field. We hope you enjoy scouting game for years to come with your new Browning Trail Camera.

Our customer service team is here to help you with any questions you may have operating or setting up your new trail camera. Our representatives are available Monday through Friday from 9am to 5pm CST.

Toll Free Customer Service: 1.888.618.4496

Customer Service email: service@browningtrailcams.com

QUICK START GUIDE

STEP 1

Insert 8 AA Alkaline Batteries and an SD card into the camera. Power on the camera using the ON/OFF switch.



STEP 2

Press the MODE button to enter the programming screen. Select CAMERA SETUP and then set the time and date.



STEP 3

Return to the home screen. Camera will countdown a 30 second delay and then be ready to capture images.



TABLE OF CONTENTS

Package Contents	1
Batteries and SD Cards	1
Camera Diagram	2
Battery Installation	3
Main Screen	4
Time and Date	5
Capture Mode	6
Photo Quality / Video Length	7
Video Quality / Picture Delay	8
Multi Shot Modes	9
Temperature Units / Camera Name	10
Picture Data Strip / Motion Test	11
Motion Detection, Battery Type, Trigger Speed	12
Timelapse Settings	13
Delete Images	14
TV Out	14
Software Upgrade	14
Smart IR / IR LED Power	15
SD Card Management / Onscreen Playback	16
Image Retrieval	17
Timelapse Viewer	18
Field Installation	19
Warranty	20
Accessories	21
FCC	22
Camera Specifications / SD Card Size Chart	23



Getting Started

Package contents:

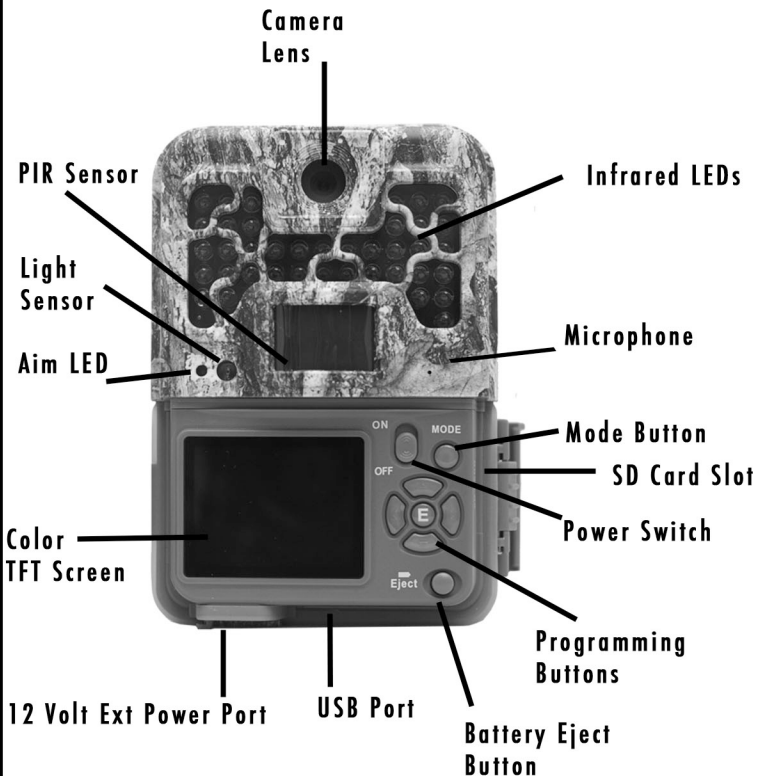
- 1- Trail Camera**
- 1- 6' Tree Strap**
- 1- Instruction Manual**

SD Card Selection

Install a good quality SD card That is a minimum of 4GB and class 4. The best brands of SD cards are Browning branded cards, Sandisk or Kingston branded cards. Please see page 23 for a graph showing how many photos, videos and timelapse segments can be stored on SD cards. Based on your intended camera usage, this table will help you determine what size SD card you need to use in your camera.



Camera Diagram



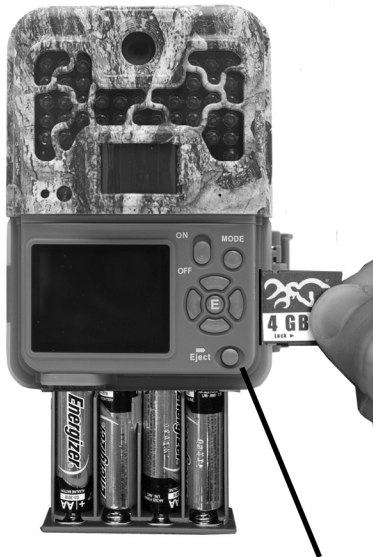


Battery Installation

Release the battery tray by pressing the Battery Eject button. The tray will eject about 1/2". With a slight pull, the battery tray will completely eject.

Install 8 AA Alkaline or Lithium batteries in the battery tray. Make sure you install the batteries with the correct polarity, following the markings on the battery tray. For optimal performance we recommend using Browning branded batteries, Energizer™ or Duracell™.

Slide the battery tray into the closed position.



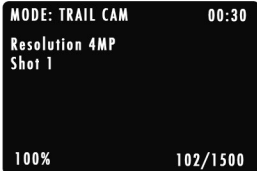
Battery Eject Button



Main Screen

Turn the camera's power on by sliding the power switch to the ON position.

The main screen displays the camera operation mode, pictures or videos taken, pictures or videos possible on the SD card, camera delay countdown and battery life percentage. The background will show a live image from the camera. This can be used to help position the camera in the field.



The possible camera modes displayed are Trail Cam, Video, and Timelapse Plus.

The delay counter counts down to 00:00. The camera is now ready to take a picture or video.

The battery life meter shows the percentage of charge left in your batteries.

The battery indicator changes to EXT when an external battery is plugged into the external power port.



Set Time and Date

SETUP DATE / TIME

DATE

1 / 05 / 2018

TIME

12 : 21 PM

To set the time and date:

From the HOME screen, press the MODE button once. Select the CAMERA SETUP option by pressing the Enter (E) button. Highlight the SETUP DATE/TIME option and press the Enter button. This will take you to the SET TIME AND DATE screen.

The month selection is highlighted. Use the UP and DOWN arrows to select the correct month.

When finished setting the month, press the RIGHT ARROW key to advance to set the correct day. Continue through all settings in this manner until the correct time and date appear.

Press the ENTER button once after you have made your selection for AM/PM. This will lock in your settings and return you to the CAMERA SETUP SCREEN.



Capture Mode

To set the camera's capture Mode, Highlight the **OPERATION MODE** option in the **SETUP MENU**, and press **ENTER**..

CAMERA SETUP

SETUP DATE/TIME

OPERATION MODE

PHOTO QUALITY

VIDEO QUALITY

Using the **UP** or **DOWN** arrow keys, select the operation mode for your camera. Press the **ENTER** key when finished.

CAPTURE MODE OPTIONS:

- **STILL PICTURES** This setting will take still pictures of game in daytime and nighttime. This is the setting most people use for trails and feeding areas.
- **TIMELAPSE PLUS** This setting allows you to take timelapse images during the day. In addition, your camera will also take motion activated pictures during the day and night, to make sure you do not miss any game activity.
- **VIDEO** This setting will take HD video clips of game in daytime and nighttime.

Photo Quality

To set the PHOTO QUALITY, highlight the PHOTO QUALITY option and press ENTER. Use the UP and DOWN arrow keys to make your selection.

OPTIONS:

LOW 4 MP, MEDIUM 8 MP, HIGH 12 MP, ULTRA 20 MP
Press ENTER button to save.

Video Length

VIDEO LENGTH

You can select the length of your video clip as well in the VIDEO LENGTH window. Your options are: 5, 10, 20, 30 seconds, 1 minute or 2 minute lengths.

NOTES:

To conserve battery power, your night videos are limited to a maximum time of 20 seconds. For example, if your video length is set at 30 seconds, your camera will take 30 second videos during the day, and your night videos will be limited to 20 seconds. Your video clips automatically record sound. Make sure your computer's sound volume is turned up when playing back video clips.

CAMERA SETUP

SETUP DATE/TIME
OPERATION MODE
PHOTO QUALITY
VIDEO QUALITY

CAMERA SETUP

SETUP DATE/TIME
OPERATION MODE
PHOTO QUALITY
VIDEO LENGTH





Video Quality

VIDEO RESOLUTION

Both video settings capture in 1920x1080 resolution. **HIGH** resolution takes videos at 30 frames per second. **ULTRA** resolution takes videos at 60 frames per second.

Picture Delay

To set **PHOTO DELAY**, highlight the **PHOTO DELAY** option. Use the **UP** and **DOWN** arrow keys to make your selection.

DELAY OPTIONS:

1, 5, 10, 20, 30 seconds

1, 5, 10, 30, 60 minutes.

Press the **ENTER** button to save selection.

The **PHOTO DELAY** option allows you to choose how much of a "timeout" there is between taking still pictures or videos.

CAMERA SETUP

VIDEO QUALITY

PICTURE DELAY

SHOT MODE

TEMP UNITS

CAMERA SETUP

VIDEO LENGTH

PICTURE DELAY

SHOT MODE

TEMP UNITS

Multi Shot Mode

To program the MULTI SHOT mode, highlight the MULTI SHOT MODE option. Make your selection using the UP and DOWN arrows. Press the button to save your selection.

CAMERA SETUP

VIDEO LENGTH

PICTURE DELAY

MULTI SHOT MODE

TEMP UNITS



Your Browning Trail Camera can take multiple shots each time the camera is triggered. The default setting is 1 picture. Your options are as follows:

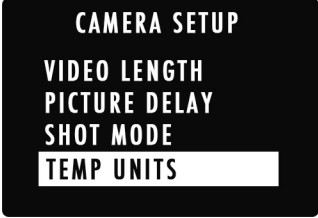
- **SINGLE** This is the default setting. Your camera will only take 1 picture when triggered.
- **MULTI SHOT** The selections available are 2-8 shots in this mode. If you select 4-SHOT STANDARD, your camera will take 4 pictures, spaced 3 seconds apart.
- **RAPID FIRE** This selection allows rapid image capture. When triggered, your will take 2-8 RAPID FIRE shots, with only 0.3 seconds between pictures. Your available options are 2,3,4,5,6,7 or 8 RAPID FIRE shots.



Temperature Units

Your temperature units can be displayed on the picture's info bar in Fahrenheit or Celsius.

To change the selection, Press the ENTER button once, and then use the UP and DOWN arrows to make your selection. Press ENTER to save your selection.



Camera Name

You can add a custom name for your camera if needed. To name your camera, Highlight the CAMERA NAME option Use the

UP and DOWN arrows to change the field. Press the RIGHT ARROW button to move to the next letter. When finished, press the ENTER key to save your selection.

Your available characters are Capital A-Z, 0-9 or a blank space.



Image Data Strip

Your trail camera has an information bar that is printed at the bottom of each photo taken. This info strip shows the following information: Temperature, moonphase, date, time and camera ID. This option can be turned on or off, using the UP and DOWN arrow buttons.

Motion Test

Your trail camera is equipped with a MOTION TEST feature. This feature helps you aim the camera at your target area.

With the motion test turned on, simply walk around in your target area. When your presence is detected, a red LED on the front of the camera will flash. Select ON in the MOTION TEST option window Using the UP and DOWN arrows. Press the ENTER button to confirm selection.

Make sure you turn OFF the MOTION TEST function before leaving the camera in the field.

CAMERA SETUP

CAMERA NAME

IMAGE DATA STRIP

MOTION TEST

DEFAULT SETTINGS

CAMERA SETUP

CAMERA NAME

IMAGE DATA STRIP

MOTION TEST

DEFAULT SETTINGS





Motion Detection

The motion detection distance can be adjusted to either 60ft. or 80ft. Simply press the ENTER button to toggle between selections using the UP and DOWN buttons.

Battery Type

To achieve the most accurate battery level reading, your camera can be adjusted to monitor either Alkaline or Lithium batteries. The default setting is ALKALINE. If you are using Lithium batteries, press the ENTER button once and use the UP or DOWN arrow to change your battery type to Lithium.

Trigger Speed

Your camera can be configured to a custom trigger speed of **NORMAL** (0.7 seconds) or **FAST** (0.4 seconds) depending on the location of your camera. We recommend the **NORMAL** setting for areas where game is moving more slowly, such as feeding areas. The **FAST** setting is normally used for monitoring trails.

Timelapse Settings

Your Browning Trail Camera has the ability to function as a timelapse camera. This is useful if you want to view the entire activity in a given area such as a large field.

CAMERA SETUP

TIMELAPSE FREQ
TIMELAPSE PERIOD
DELETE ALL



TIMELAPSE FREQUENCY

Your trail camera can be set to take timelapse pictures at the following frequencies: 5, 10, 15, 30, 60 seconds, 1, 2, 5, 10, 30 and 60 minutes.

TIMELAPSE PERIOD

The timelapse duration can be set as well for the cameras. The timelapse duration controls how many hours per day the camera captures timelapse images. In some locations you may want to take timelapse images all day, while in other locations you may need to only take images for 2 hours in the morning and 2 hours before sundown. Your available TIMELAPSE DURATION options are:

- ALL DAY Camera takes images from sunrise to sunset.
- 2, 3 or 4 HOUR These durations limit the camera from taking images either 2, 3 or 4 hours after sunrise and 2,3 or 4 hours prior to sunset.

NOTE: Your trail camera learns the length of a day and constantly adjusts the 2,3 or 4 hour duration modes automatically.



The following options can be changed by highlighting the menu option and changing the selection using the UP and DOWN arrows. Remember to press the ENTER button to save your selection.

Default Settings

This selection returns your camera back to the factory default selections for each setting.

Delete All

By selecting DELETE ALL, all of the images on your SD card are erased. This function also reformats your SD card. It is a good idea to use the DELETE ALL function and reformat your SD card each time you install it in the camera for use.

TV Out

The TV Out selection allows you to adjust the TV signal output from the camera between NTSC or PAL. If you are using this product in the US or Canada, the NTSC setting should be used. The PAL setting is for TV sets in Europe and Asia.

Software Upgrade

The software upgrade function allows you to upgrade your software. If a software upgrade is available for your camera, it will be posted on our website, along with detailed instructions for upgrading at:
www.browningtrailcameras.com/customer-service

Smart IR Video

Smart IR Video is a feature that will allow a daytime video clip to keep recording as long as the camera detects movement during filming. If the deer stands still in front of the camera and the camera does not detect movement, the camera will end the video clip. The maximum record time for a video clip using this feature is 5 minutes.

To enable Smart IR Video, press the ENTER button once, the NO will flash. Press the UP button once, the NO will change to YES. Press the ENTER button once to lock your selection.

IR LED Power

You can adjust the IR LED power in night photos to your specific application.

Normal Power This is the most economical power setting. Perfect for wooded areas, and where game is within 70 ft. of the camera.

Long Range This setting is perfect for pictures in open areas, or where game may be out to distances of 120 ft.

Blur Reduction This mode has a very fast exposure time. Perfect for trails and where game may be moving fast.





SD Card Management

By turning the SD Card Management feature ON, the camera will erase the oldest pictures or videos on the SD card when the SD card becomes full. This allows your camera to continue taking pictures if you can't get to the field to swap out SD cards.

If the SD Card Management feature is turned off, when your SD card fills up, the camera will not record any additional pictures or videos when triggered until you change out the SD card or delete the images.

On Screen Playback

You can review images and video clips stored on your Browning Trail Camera's SD card using the color TFT display. Simply highlight and select the **PLAYBACK** option from the main camera menu.

PLAYBACK CONTROLS

**RIGHT / LEFT
BUTTONS**

Scroll forward and reverse through still images or video clips

UP BUTTON

Access the menu option to delete the current image being viewed, or deleting all files on the SD card

ENTER BUTTON

When the image displayed is the first frame of a video clip, the **ENTER** button starts the video playback

Image Retrieval



The most popular way to review the images on your SD card is to review the images on your home computer. The pictures can be viewed on both PC and Mac computers.

Simply insert the SD card into the SD card slot on your desktop or laptop computer. If your computer does not have an SD card slot, you will need an SD card reader. These are inexpensive and can be found at your local sporting goods or electronics store.

After your SD card is inserted into your computer, navigate to **START/MY COMPUTER/**. Look for the SD card icon.

Double click on the SD card icon. A folder named **DCIM** will appear. Double click on the **DCIM** folder. A new folder appears with called **100_BTCF**. Your pictures are in this folder.

You can also connect your trail camera to your computer via a USB cable (not included). In this case, your camera becomes the SD card reader. Follow the instructions above to locate your picture files.

The SD images on the SD cards can be viewed using the USB connection with any PC running Microsoft Windows XP or later versions, or a Mac running OSX or later versions.



Timelapse Viewer Installation

INSTALLING THE TIMELAPSE VIEWER SOFTWARE IS FOR VIEWING YOUR TIMELAPSE FILES. YOUR COMPUTER ALREADY HAS PROGRAMS INSTALLED TO VIEW STILL PICTURES AND VIDEOS CLIPS.

In order to playback your **TIMELAPSE FILES**, you need to install the **Browning Buck Watch Timelapse Viewer** software. This software will work on any PC running **Windows XP** or later version. The **Buck Watch Timelapse Viewer** can be downloaded from our website at:

www.browningtrailcameras.com/Buckwatch.

IMPORTANT: Once you have loaded the **Buck Watch viewer** on your computer, a full set of operation instructions is available by clicking on the **HELP** icon in the viewer window.

Field Installation



- We recommend mounting your new trail camera at a height of approximately 3 feet off the ground.
- The heavy duty 1" nylon strap threads through the strap mounting loops in the back of the camera and will secure your trail camera to trees large or small.
- For optimal trail camera mounting, we recommend using the Browning Trail Camera Tree Mount. This mount has a locking gimbal that can position your trail camera at the optimal angle.
- The back of your trail camera is also equipped with built in security cable loops. These are perfect for using a locking steel cable or a 5/16" Python™ cable lock (not included).



Warranty

ONE YEAR LIMITED WARRANTY

Your Browning Trail Camera warranty covers your trail camera for one year. We warrant that your camera will be free from defects in workmanship and materials when operated in normal use and conditions. This warranty will allow Browning Trail Cameras, at its discretion, to repair the product or replace it with a new or refurbished unit.

Warranty limitations:

This warranty does not cover cameras that have been:

1. Neglected or abused (including, but not limited to water damage caused by submersion, battery leakage, or improper storage).
2. Modifications or repairs by unauthorized agents.
3. Damaged cameras that have cracked or broken outer cases due to excessive impact, heat or mishandling.
4. Damages caused by wild animals.

WARRANTY SERVICE

In the event warranty service is needed, contact Browning Trail Camera's customer service at 1.888.618.4496. Our knowledgeable agents can help troubleshoot any issues with your trail camera. In the event your camera needs to be returned for service, our agents will advise the correct mailing address and RMA number needed for proper service of your unit. You will also need your original receipt, or proof of purchase for warranty service. You are responsible for packaging and shipping cost of your camera unit to our warranty center.

Accessories

We offer a full line of accessories for use with your new Browning Trail Camera.

AA BATTERIES



STEEL SECURITY BOXES



SD CARDS



TREE MOUNTS





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.

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.

Shielded cables with ferrite must be used with this unit to ensure compliance with the Class B FCC limits.

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

Camera Specifications

PHOTOS	YES	Effective Pixels	1920x1080
Ultra	20MP	Removable Memory	up to 512GB
High	12MP	Trigger Time	Adjustable 0.4 - 0.7 Seconds
Medium	8MP	Field of View	55 degrees
Low	4MP	Shooting Modes	Still, Video, Timelapse Plus
VIDEOS	YES	Battery Requirements	8 AA Alkaline or Lithium Batteries
Ultra	1920 x 1080 60 fps	Mounting	1" nylon strap 6" long
High	1920 x 1080 30 fps	Aux. Power Input	12 V
Length	5, 10, 20, 30 sec. 2, 5 min.	IR Detection	Adjustable 60 ft. - 80 ft.
Sound	YES	IR Flash Illumination	Power Save, Long Range, Fast Motion
TIMELAPSE	YES	Certifications	FCC, CE
Modes	Timelapse plus IR triggered pictures	Info printed on Picture	time, date, moonphase,temp, Cam ID
Timelapse Delays	5, 10, 15, 30, 60 sec., 1,2,5,10,30,60 min.	Other features	SD card Management, Smart IR Video

SD card selection

Number of pictures, videos or timelapse segments that can be stored on each size SD card. Actual picture counts may vary.

	8GB	16GB	32GB	64GB
PHOTOS				
20MP	950	1900	3800	7500
12MP	1600	3200	6000	12000
8MP	2250	4500	9000	18000
4MP	4500	9000	18000	36000
VIDEOS (20 Seconds)				
Ultra Resolution	64	120	240	480
High Resolution	126	240	480	960
TIMELAPSE				
All Day @ 1 Min.intervals	16 days	32 days	64 days	128 days



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