Browning BTC6DCLN

Browning Dark Ops DCL Nano Trail Game Camera (Model BTC6DCLN) Instruction Manual

Introduction

The Browning Dark Ops DCL Nano Trail Game Camera is designed for capturing high-quality images and videos of wildlife or for security monitoring. Featuring Dual Camera Lens Technology, it utilizes a dedicated lens for daytime and another for nighttime, ensuring optimal clarity in all lighting conditions. With 26 MP photo resolution, 4K video capabilities, and an invisible infrared illumination system, this camera is engineered for reliable performance in outdoor environments.

What's in the Box

Verify that all components are present in your package:

- Browning Dark Ops DCL Nano Trail Camera
- 32GB SD Memory Card
- J-TECH Outdoors USB Card Reader
- Mounting Strap
- All-Steel Adjustable Tree Mounting Bracket

Image: J-TECH Outdoors USB Card Reader for convenient data transfer.

Setup

1. Battery Installation

The camera requires 6 AA batteries for operation. For optimal performance and battery life, it is recommended to use high-quality alkaline or lithium batteries.

1. Locate the battery compartment on the camera body.
2. Open the compartment door.
3. Insert 6 AA batteries, ensuring correct polarity (+/-) as indicated inside the compartment.

4. Close the battery compartment door securely to ensure a watertight seal.

2. SD Card Installation

A 32GB SD card is included. The camera supports SD cards up to 512GB.

1. Locate the SD card slot, typically near the battery compartment or on the side of the camera.
2. Insert the SD card with the metal contacts facing down (or as indicated by the camera's diagram) until it clicks into place.
3. To remove, gently push the card in until it clicks, then release, and it will eject.

3. Mounting the Camera

The camera is designed for tree mounting using the included strap and adjustable bracket.

1. Select a suitable tree or post at the desired height and angle for monitoring.
2. Attach the all-steel adjustable tree mounting bracket to the camera.
3. Thread the mounting strap through the designated slots on the camera or bracket.
4. Securely fasten the camera to the tree using the strap, ensuring it is stable and pointed in the desired direction. The bracket allows for fine-tuning the camera's angle.

Image: The trail camera securely mounted to a tree using the provided strap and bracket.

Operating Instructions

1. Powering On/Off and Basic Settings

To power on the camera, locate the power switch and move it to the 'ON' position. The 1.5-inch color view screen will activate, allowing access to the menu for configuration.

- Use the navigation buttons to scroll through menu options.
- Adjust settings such as date, time, operating mode (photo, video, or both), and trigger delay.
- Ensure the date and time are set correctly for accurate timestamping of captured media.

2. Photo Mode

In Photo Mode, the camera captures still images at a resolution of 26 MP. It features a rapid 0.15-second

trigger speed and a 0.35-second picture recovery time, minimizing missed events.

- Select 'Photo' as the capture mode in the settings menu.
- Configure photo burst settings (number of photos per trigger) if desired.
- Adjust photo quality settings as needed.

3. Video Mode

The camera supports 4K Ultra HD video recording (3840 x 2160 HD resolution) with sound. It also offers 1080p video at 60 frames per second for smoother playback.

- Select 'Video' as the capture mode in the settings menu.
- Choose your preferred video resolution (4K or 1080p).
- Enable 'Smart IR Video' to allow the camera to continue recording during the daytime as long as motion is detected.
- Note: Maximum nighttime video length is 20 seconds.

4. Illumination and Detection

The camera utilizes an Invisible Infrared Illumination System for discreet night vision. The Illuma-Smart Technology automatically adjusts the IR flash for optimal night photos.

- The flash range extends up to 100 feet.
- Motion detection range is also 100 feet, with a wide 54-degree viewing angle.
- Adjust flash range settings (Power Save, Long Range) in the menu to conserve battery or maximize illumination.

5. Dual Camera Lens Technology

This feature incorporates two distinct camera lenses: one custom-tuned for razor-sharp daytime images and another dedicated lens for incredibly clear nighttime photos. This optimizes image quality across different lighting conditions.

6. SD Card Management

The camera includes options for SD Card Management within its menu. This allows users to manage storage space, such as overwriting older files when the card is full.

Maintenance

1. Battery Care

Regularly check battery levels. Replace all batteries simultaneously with fresh ones to ensure consistent power. Remove batteries if the camera will be stored for extended periods to prevent leakage.

2. SD Card Care

Periodically format the SD card using the camera's menu option to maintain optimal performance and prevent data corruption. Back up important files before formatting. Avoid removing the SD card while the camera is actively writing data.

3. Cleaning

Gently clean the camera lenses and IR array with a soft, lint-free cloth. Avoid abrasive materials or harsh chemicals. Ensure the camera housing and seals are free of dirt and debris to maintain weather

resistance.

Troubleshooting

Common Issues and Solutions

- **Short Night Videos (e.g., 1 second):** Verify that the video length setting in the camera menu is configured correctly. Ensure sufficient battery power, as low power can affect night vision performance.
- **Fuzzy Daytime Photos:** Check the camera's focus and ensure the lens is clean. While the camera uses a dedicated daytime lens, environmental factors or incorrect settings can impact clarity. Experiment with different photo quality settings.
- **Camera Not Triggering:** Confirm that the motion detection range and sensitivity settings are appropriate for the environment. Ensure there are no obstructions blocking the PIR sensor. Check battery levels.
- **Mounting Instability:** If the camera shifts position after mounting, ensure the mounting strap is tightened securely and the adjustable bracket's thumb screw is firmly fastened. Consider adding additional support if necessary in high-activity areas.
- **No Power:** Check battery installation for correct polarity. Replace batteries with fresh ones. Ensure the power switch is in the 'ON' position.

Specifications

Feature	Specification
Model Number	BTC6DCLN
Photo Resolution	26 MP
Video Resolution	4K Ultra HD (3840 x 2160), 1080p@60fps
Trigger Speed	0.15 seconds
Picture Recovery Time	0.35 seconds
Flash Range	100 feet (Invisible IR)
Motion Detection Range	100 feet
Viewing Angle	Wide View 54 Degrees
Display Screen	1.5-inch Color View Screen
Power Source	6 AA Batteries (not included)
SD Card Support	Up to 512GB
Connectivity Technology	Wired (for data transfer via card reader)
Wireless Communication	Wi-Fi (for potential future features or specific models, check manufacturer)
Dimensions (L x W x H)	8 x 5 x 3 inches
Weight	1.12 pounds

IP Rating	IP54

Warranty Information

Browning trail cameras typically come with a limited warranty covering manufacturing defects. For specific details regarding the warranty period, coverage, and claims process for your BTC6DCLN model, please refer to the official Browning website or the warranty card included with your product. Retain your proof of purchase for warranty validation.

Customer Support

Should you encounter any issues or require further assistance with your Browning Dark Ops DCL Nano Trail Game Camera, please visit the official Browning customer support website. You can typically find FAQs, troubleshooting guides, and contact information for technical support there.

Image: Front view of the Browning Dark Ops DCL Nano Trail Game Camera.