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Bushnell DS-4K

Bushnell Core DS-4K Trail Camera User Manual

Model: DS-4K (119987C)

Introduction

This manual provides detailed instructions for the setup, operation, and maintenance of your Bushnell Core DS-4K No Glow Trail Camera. The Core DS-4K is designed for high-quality image and video capture in various outdoor conditions, featuring dual sensors for optimal day and night performance.
Please read this manual thoroughly before using the camera to ensure proper function and longevity of the device.

Package Contents

- Bushnell Core DS-4K Trail Camera (Tree Bark Camo)
- Web Belt for mounting
- User Manual (this document)

Note: Batteries and SD card are not included and must be purchased separately.

Setup

1. Battery Installation

The Core DS-4K requires 6 AA batteries. For optimal performance and battery life, it is recommended to use high-quality alkaline or lithium batteries.

1. Open the camera housing latch on the side to reveal the internal compartment.
2. Locate the battery tray at the bottom of the compartment.

3. Pull the battery tray out gently.
4. Insert 6 AA batteries into the tray, ensuring correct polarity (+/-) as indicated.
5. Slide the battery tray back into the camera until it clicks securely into place.



Image: The Bushnell Core DS-4K camera with its side panel open, revealing the battery compartment and the battery tray with six AA batteries inserted. This view demonstrates how to access and install batteries.

2. SD Card Installation

The camera supports SD cards up to 512GB. A high-speed SD card (Class 10 or higher) is recommended for 4K video recording.

1. With the camera housing open, locate the SD card slot on the side of the internal compartment.
2. Insert the SD card into the slot with the label facing the front of the camera until it clicks into place.
3. To remove, press the card in gently until it springs out.

3. Initial Power On and Basic Settings

After installing batteries and an SD card:

1. Flip the power switch to the "ON" position. The internal 1.5" viewing screen will activate.
2. Use the navigation buttons (UP, DOWN, LEFT, RIGHT, OK) to set the date, time, and language.
3. Ensure the time and date are accurate for proper file stamping.

Operating the Camera

1. Mounting the Camera

The Core DS-4K can be mounted using the included web belt or a tripod.

- **Using the Web Belt:** Thread the web belt through the slots on the back of the camera. Securely fasten the camera to a tree or post at the desired height.
- **Using a Tripod:** The camera features a standard tripod socket on its base for mounting on a tripod or other compatible mounting accessories.
- **Security Cable:** A built-in channel allows for the use of a security cable (not included) to deter theft.



Image: A person is shown attaching the Bushnell Core DS-4K trail camera to a tree using the included web belt. This demonstrates the typical outdoor setup for the camera.



Image: The Bushnell Core DS-4K trail camera is shown securely mounted to a tree trunk, blending in with its tree bark camo pattern. This illustrates the camera in its operational environment.

2. Camera Modes and Settings

The Core DS-4K offers various settings to customize its operation:

- **Photo Resolution:** Up to 32MP.
- **Video Resolution:** Up to 4K at 30 fps.
- **Trigger Speed:** Fast 0.2-second trigger speed.
- **Flash Range:** 110' infrared flash for night vision.
- **Capture Mode:** Choose between photo, video, or hybrid (photo + video).
- **Multi-Shot:** Take 1-6 photos per trigger event.
- **Interval Setting:** Set the delay between triggered captures from 0.6 seconds to 60 minutes to prevent redundant images.
- **Sensitivity:** Four trigger sensitivity settings to reduce false triggers.
- **Operating Hours:** Configure the camera to operate during the day, night, or both.
- **Field Scan Mode:** Capture time-lapse images at user-selectable intervals.

Access these settings via the internal 1.5" viewing screen and navigation buttons.

3. Viewing Images and Videos

You can review captured media directly on the camera's 1.5" viewing screen or by removing the SD card.

- **On-Camera Playback:** Navigate to the playback mode using the menu buttons. Use the UP/DOWN arrows to browse files and OK to play videos.
- **SD Card Reader:** Insert the SD card into a computer or dedicated card reader to view files on a larger screen.

Maintenance

1. Cleaning the Camera

- Wipe the camera body with a soft, damp cloth.
- Clean the lens and infrared sensors gently with a lens cleaning cloth to avoid scratches.
- Do not use abrasive cleaners or solvents.

2. Battery Replacement

Replace batteries when the low battery indicator appears on the screen or when performance degrades. Always replace all batteries at once with new ones of the same type.

3. SD Card Management

Regularly format your SD card using the camera's format function to ensure optimal performance and prevent data corruption. Back up important files before formatting.

Troubleshooting

Problem	Possible Cause	Solution
Camera not powering on	Low or dead batteries; incorrect battery polarity; SD card issue.	Replace batteries with fresh ones, ensuring correct orientation. Remove and reinsert SD card, or try a different SD card.
No images/videos captured	Incorrect settings (e.g., sensitivity too low, interval too long); full or corrupted SD card; motion sensor obstructed.	Check camera settings. Format or replace SD card. Ensure clear line of sight for the motion sensor.
Poor image/video quality (blurry, dark)	Dirty lens; insufficient light; object too close/far for flash; incorrect focus (rare).	Clean the lens. Adjust camera placement for better lighting. Ensure objects are within flash range (110 ft).

Problem	Possible Cause	Solution
Short battery life	Frequent triggers; extreme temperatures; low-quality batteries.	Reduce trigger frequency or sensitivity. Use high-quality lithium batteries. Avoid extreme temperatures if possible.

Specifications

- **Model:** Bushnell Core DS-4K No Glow Trail Camera (119987C)
- **Image Resolution:** Up to 32 Megapixels
- **Video Resolution:** 4K at 30 frames per second (fps)
- **Trigger Speed:** 0.2 seconds
- **Flash Range:** 110 feet (Infrared No-Glow)
- **Detection Range:** Up to 110 feet
- **Power Source:** 6 AA Batteries (not included)
- **External Power Port:** Yes (for Bushnell solar panel, sold separately)
- **Memory:** SD Card slot, supports up to 512GB
- **Display:** 1.5 inch internal viewing screen
- **Water Resistance:** Weather-resistant housing (IP54 rated)
- **Operating Temperature:** -5°F to 140°F (-20°C to 60°C)
- **Connectivity:** Wi-Fi
- **Color:** Tree Bark Camo
- **Dimensions (LxWxH):** Approximately 1 x 1 x 1 inches
- **Weight:** Approximately 1.12 Pounds

Warranty and Support

The Bushnell Core DS-4K Trail Camera comes with a Limited Manufacturer Warranty.

- For warranty claims or technical support, please visit the official Bushnell website or contact their customer service.
- Keep your purchase receipt as proof of purchase for warranty purposes.

Legal Disclaimer: *This product can expose you to chemicals including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to www.P65Warnings.ca.gov.*

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