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Bushnell 119949C

Bushnell Trail Camera CORE S-4K Instruction Manual

Brand: Bushnell | Model: 119949C

Introduction

The Bushnell Trail Camera CORE S-4K is a high-performance game camera designed for capturing stunning 4K video and high-resolution images in outdoor environments. It features a 4K single sensor for exceptional image and video quality, optimized battery life for extended field use, and a 1.5-inch color viewscreen for easy navigation and previewing. This manual provides detailed instructions for setting up, operating, maintaining, and troubleshooting your CORE S-4K trail camera.

Key Features

- 4K 20FPS Video recording capability.
- 30 Megapixel image resolution for crystal clear photos.
- 110ft No-Glow night range for discreet nighttime surveillance.
- 0.2s Trigger speed to capture fast-moving subjects.
- 1s Recovery rate for quick follow-up shots.
- 2.1" Color Viewscreen for easy setup and image review.
- Three preset menus plus an advanced mode for versatile settings.
- Pro Image Tuning and Dynamic Video for enhanced media quality.
- Rugged design built to withstand various outdoor elements.
- Compatible with up to 512 GB SD cards (not included).
- Recommended use of 6 AA Lithium batteries (not included).

Product Overview



Front view of the Bushnell Trail Camera CORE S-4K, showcasing its camouflage casing and primary lens.



A person in hunting attire adjusting the trail camera on a tree, demonstrating typical field setup.



Detailed front view of the camera, highlighting the sensor and no-glow LEDs.



The camera with its front cover open, revealing the internal color viewscreen and control buttons.



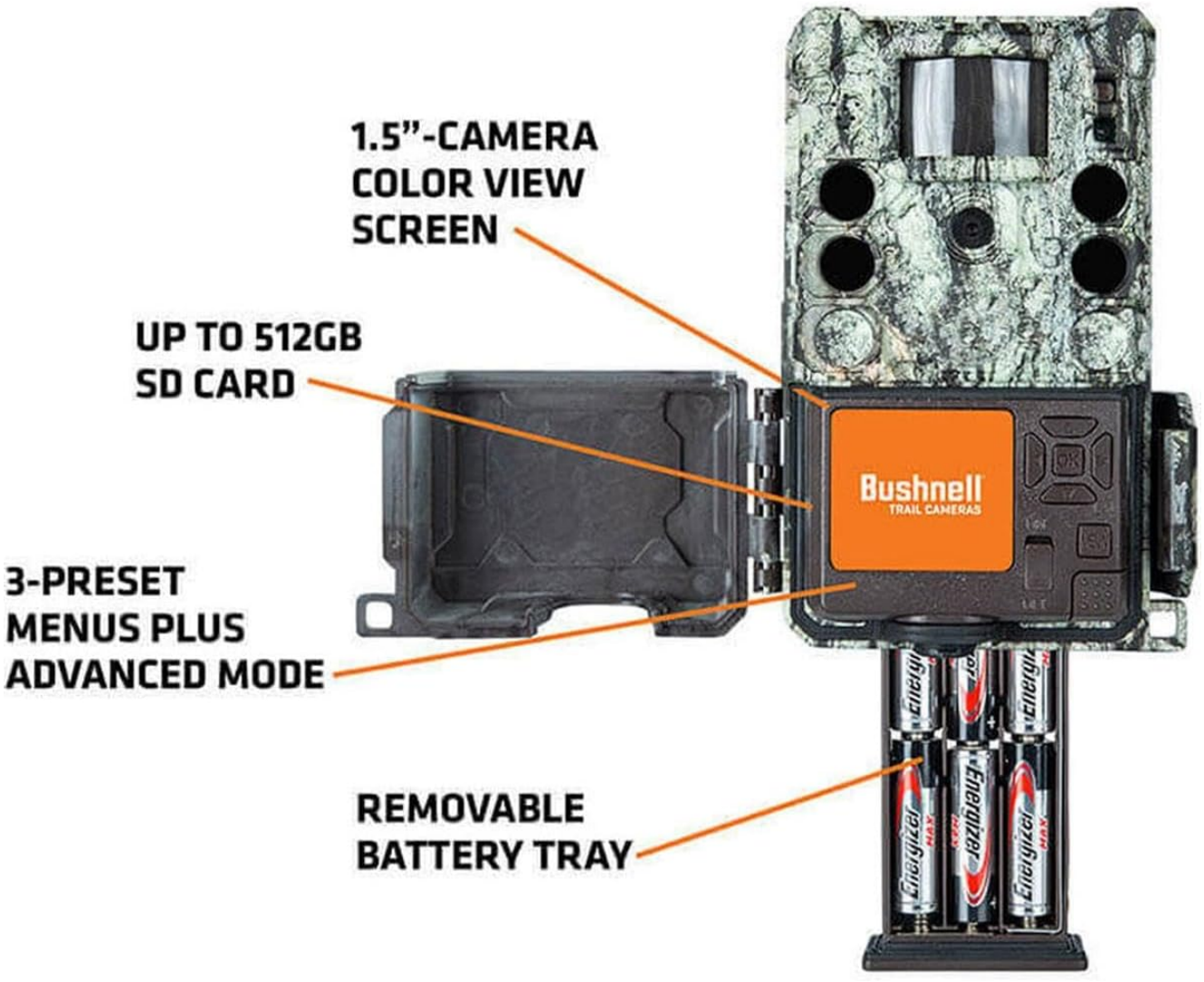
The camera with the battery tray extended, showing the slots for AA batteries.



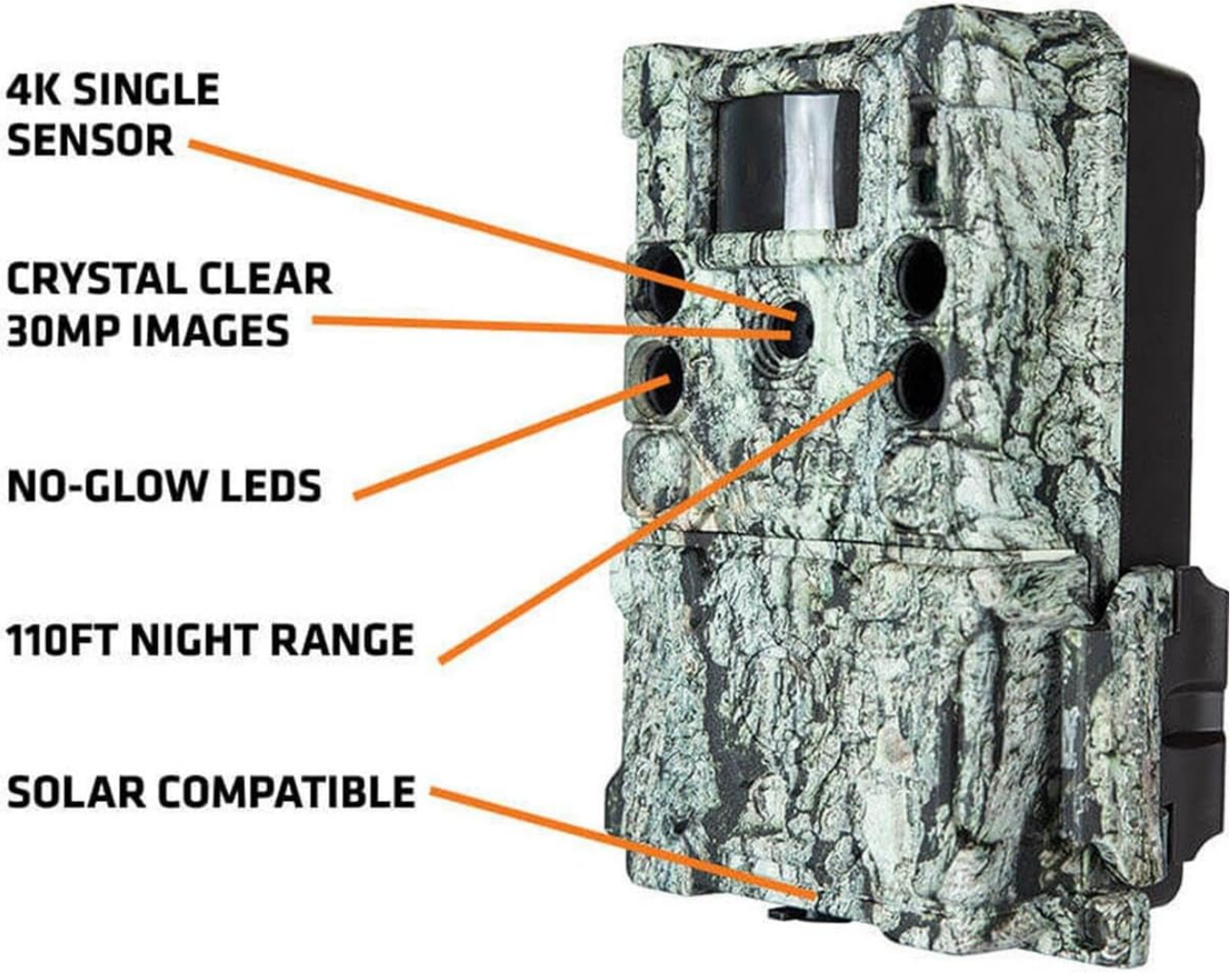
An annotated image highlighting key features: 4K Single Sensor, Crystal Clear 30MP Images, No-Glow LEDs, 110ft Night Range, and Solar Compatibility.



An annotated image of the camera's interior, pointing out the 1.5" Color View Screen, support for up to 512GB SD Card, 3-Preset Menus Plus Advanced Mode, and Removable Battery Tray.



Rear view of the camera, showing the mounting bracket and tripod screw hole.



A sample image captured by the camera, featuring a turkey in a grassy field with date, time, and temperature overlay.

Product Video Overview

▶ **Watch video online**

Product Overview Video

This video provides a comprehensive overview of the Bushnell Trail Camera CORE S-4K, demonstrating its features, setup, and capabilities in a concise format.

Setup Guide

1. Battery Installation

The CORE S-4K requires 6 AA batteries. For optimal performance and extended battery life, especially in cold weather, Lithium batteries are recommended. To install:

1. Open the camera's front cover by unlatching the side clips.
2. Locate the battery compartment at the bottom of the camera.
3. Pull out the removable battery tray.
4. Insert 6 AA batteries, ensuring correct polarity (+/-) as indicated inside the tray.
5. Slide the battery tray back into the camera until it clicks securely into place.

2. SD Card Insertion

A full-sized SD card is required for storing photos and videos. The camera supports up to 512GB SD cards. It is crucial to insert the SD card correctly to avoid damage and ensure proper function.

1. With the camera's front cover open, locate the SD card slot on the side of the internal compartment.
2. Insert the SD card with the contacts facing upwards (towards the screen). Push until it clicks into place.
3. To remove, push the card in again until it springs out slightly, then pull it out.

3. Mounting the Camera

The CORE S-4K can be mounted using the included strap or a tripod. Ensure the camera is securely positioned to prevent movement and capture the desired area.

- **Using the Strap:** Thread the provided strap through the slots on the back of the camera and secure it around a tree or post. Adjust the camera angle to cover your target area.
- **Using a Tripod:** The camera features a standard 1/4"-20 tripod mount on its base. Attach it to a compatible tripod or mounting accessory for more precise positioning.

Operating Instructions

1. Powering On/Off

- To turn on the camera, slide the power switch to the "ON" position. The viewscreen will activate.
- To turn off the camera, slide the power switch to the "OFF" position.

2. Menu Navigation

Use the control buttons next to the viewscreen to navigate the menu and adjust settings.

- **OK Button:** Confirms selections and enters sub-menus.
- **Up/Down/Left/Right Arrows:** Navigate through menu options and adjust values.
- **MENU Button:** Accesses the main menu.
- **PLAY Button:** Enters playback mode to review captured media.

3. Setting Up Recording Modes

The camera offers various recording modes and settings to customize your surveillance.

- **Photo Mode:** Captures still images. Adjust resolution (up to 30MP), photo burst, and delay settings.
- **Video Mode:** Records video clips. Adjust resolution (up to 4K), video length, and delay settings.
- **Hybrid Mode:** Captures a set number of photos followed by a video clip when triggered. This is useful for ensuring a capture even if the animal moves quickly.
- **Time Lapse Mode:** Captures images at set intervals over a period.
- **PIR Sensitivity:** Adjust the Passive Infrared (PIR) sensor sensitivity to control how easily the camera is triggered by motion.
- **Night Vision:** The camera utilizes no-glow infrared LEDs for discreet night captures up to 110 feet.

4. Reviewing Media

You can review captured photos and videos directly on the camera's viewscreen or by removing the SD card.

- **On Camera:** Press the PLAY button to enter playback mode. Use the arrow keys to browse and the OK button to view.
- **On Computer:** Remove the SD card from the camera and insert it into a computer's SD card reader. The files will be accessible as MOV (QuickTime) for videos and JPEG for photos.

Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the camera lens and housing. Avoid abrasive cleaners or solvents.
- **Battery Care:** Replace all batteries at the same time. Do not mix old and new batteries, or different types of batteries. Remove batteries if the camera will not be used for an extended period.
- **SD Card Management:** Regularly format your SD card (after backing up important files) to maintain optimal performance and prevent data corruption.
- **Storage:** When not in use, store the camera in a cool, dry place away from direct sunlight and extreme temperatures.

Troubleshooting

Problem	Possible Cause / Solution
Camera not powering on.	Check battery installation and ensure correct polarity. Replace batteries with fresh ones. Ensure the power switch is fully in the "ON" position.
Camera not taking pictures/videos.	Ensure the SD card is inserted correctly (contacts facing up) and is not full. Check the SD card capacity; large files (especially 4K video) can fill up smaller cards quickly. Consider using a larger capacity SD card (e.g., 64GB or higher). Verify PIR sensitivity settings; adjust if too low for the environment. Check the camera's mode (Photo, Video, Hybrid) and ensure it's set as desired. Ensure there is no obstruction to the PIR sensor.
Poor image/video quality.	Clean the camera lens. Ensure the camera is within optimal range of the subject. Check resolution settings in the menu. For night images, ensure subjects are within the 110ft night range.
Short battery life.	Use high-quality Lithium AA batteries. Reduce video length or photo burst settings. Lower PIR sensitivity if the camera is triggering too frequently due to environmental factors (e.g., swaying branches). Consider using rechargeable NiMH batteries as an alternative.
Moisture inside the camera.	While the camera is water-resistant (IP54), ensure all latches are securely closed. Check for any visible damage to the seals. If screws are exposed, consider applying a small amount of petroleum jelly (Vaseline) to the screw holes to prevent moisture ingress.

Technical Specifications

Feature	Detail
Model Name	Bushnell Trail Camera CORE S-4K
Model Number	119949C
Indoor/Outdoor Usage	Outdoor
Power Source	Battery Powered (6 AA recommended)
Video Capture Resolution	4K

Feature	Detail
Image Resolution	Up to 30 Megapixels
Color	Camo
Night Vision Range	110 Feet (No-Glow)
Trigger Speed	0.2 seconds
Recovery Rate	1 second
Viewscreen	2.1" Color Viewscreen
Material	Plastic
Water Resistance Level	Water Resistant (IP54)
Item Weight	1.1 Pounds
Dimensions (LxWxH)	1 x 1 x 1 inches (approximate, as per data)
Connectivity Technology	Wired (for data transfer via SD card)
UPC	029757199492

Warranty and Support

The Bushnell Trail Camera CORE S-4K comes with a**2-year limited warranty** from the manufacturer, Bushnell. For warranty claims, technical support, or service inquiries, please contact Bushnell customer support directly. Refer to the official Bushnell website or the product packaging for the most current contact information and detailed warranty terms.
Manufacturer: Bushnell

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