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Bushnell 119975C

Bushnell 30MP CORE Trail Camera User Manual

Brand: Bushnell | **Model:** 119975C

1. Introduction

The Bushnell 30MP CORE Trail Camera with Dual Sensor Technology is designed to capture high-quality images and videos of wildlife with superior clarity, day or night. Its innovative dual sensor system optimizes image capture for varying light conditions, providing sharp, rich daytime photos and consistently illuminated nighttime images. This manual will guide you through the setup, operation, and maintenance of your new trail camera.



Figure 1.1: Front view of the Bushnell 30MP CORE Trail Camera, featuring its camouflage casing and lens array.

2. Key Features

- **Dual Sensor Technology:** Optimized image sensors for superior day and night performance.
- **High Resolution Imaging:** Captures 30 MP still images and 1080P video at 60 frames per second (FPS).
- **Extended Night Vision:** Features 100-foot low glow infrared night range for clear nighttime captures.
- **Fast Performance:** Achieves a 0.2-second trigger speed and a 0.6-second recovery rate.
- **Storage & Power:** Supports up to a 32GB SD Card (not included) and operates on 6 AA batteries (not included).
- **Long Battery Life:** Designed for approximately 1 year of battery life under typical usage conditions.
- **Durable Design:** IP65 rated for protection against dust and water splashes.

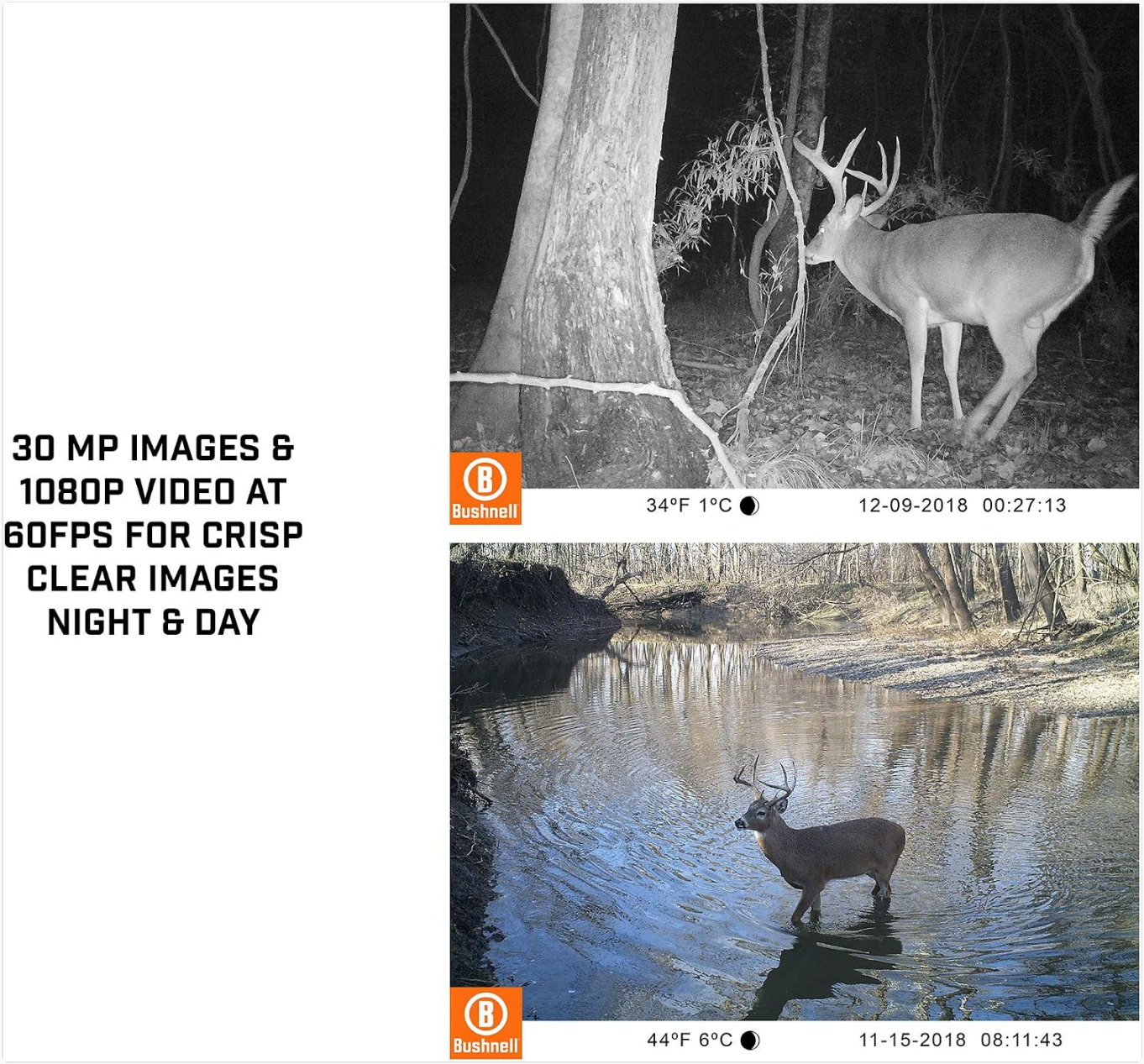


Figure 2.1: Examples of 30 MP images and 1080P 60FPS video quality, demonstrating crisp, clear captures both day and night.

3. Setup Guide

3.1. Battery Installation

The CORE Trail Camera requires 6 AA batteries (not included). For optimal performance, it is recommended to use high-quality alkaline or lithium batteries.

1. Locate the battery compartment on the bottom of the camera.
2. Press the release latch and pull out the removable battery tray.
3. Insert 6 AA batteries, ensuring correct polarity (+/-) as indicated inside the tray.
4. Slide the battery tray back into the camera until it clicks securely into place.

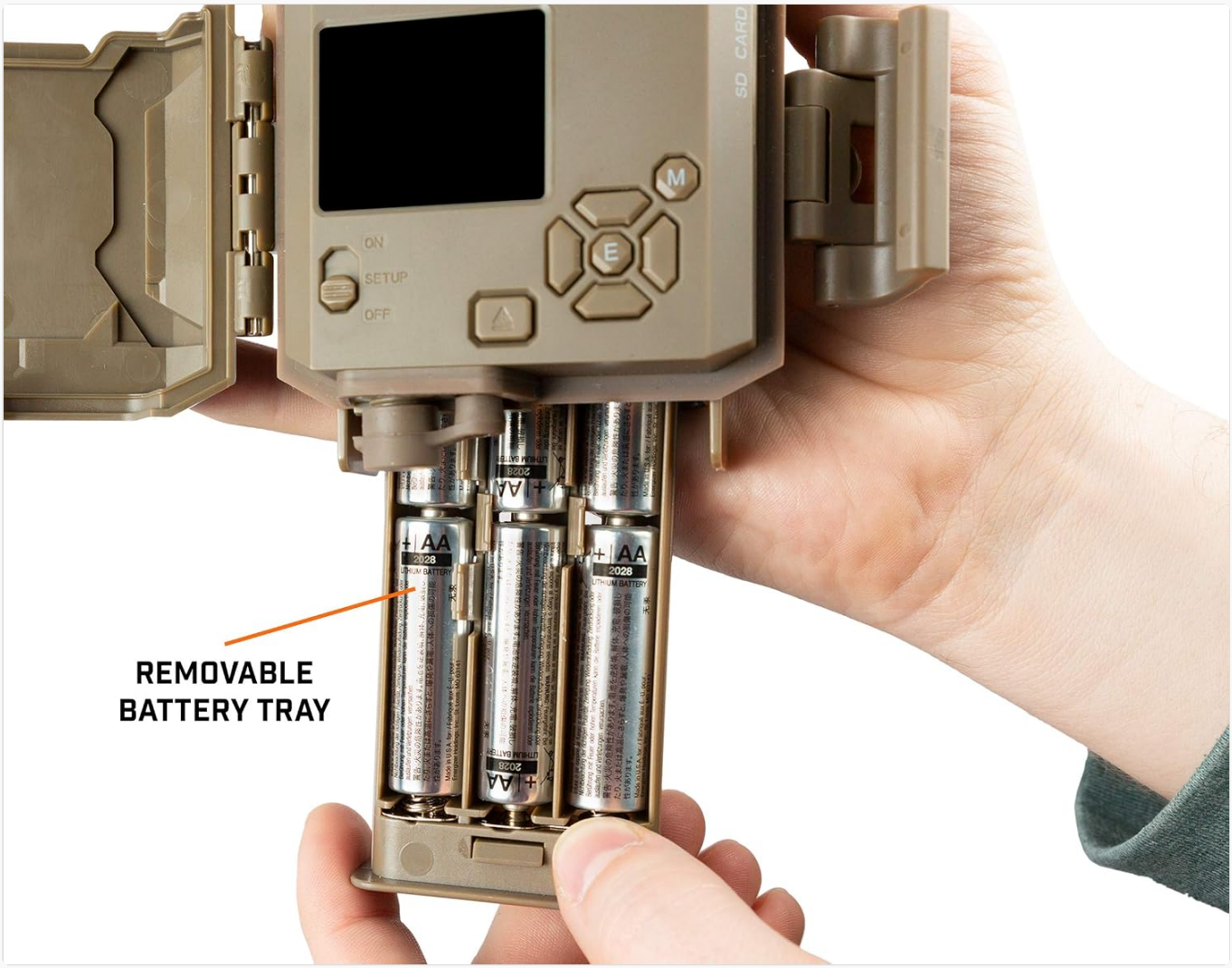


Figure 3.1: Proper insertion of AA batteries into the removable battery tray.

3.2. SD Card Insertion

A Class 10 or higher SD card (up to 32GB, not included) is required to store images and videos.

1. Open the camera's front cover to access the internal controls and SD card slot.
2. Insert the SD card into the designated slot with the label facing up, until it clicks into place.
3. To remove, gently push the card in until it springs out.



Figure 3.2: Internal view of the camera, highlighting the in-camera color preview LCD and SD card slot.

3.3. Mounting the Camera

The camera can be mounted using the included strap or by utilizing the 1/4x20 brass inserts for additional mounting options (e.g., tripod, solar panel adapter).

1. **Using the Strap:** Thread the premium nylon strap through the slots on the back of the camera. Secure the strap around a tree or post using the steel buckle.
2. **Optimal Placement:** Position the camera approximately 3-6 feet (1-2 meters) off the ground, facing away from direct sunlight to avoid overexposure.



Figure 3.3: Mounting the camera on a tree using the provided strap.

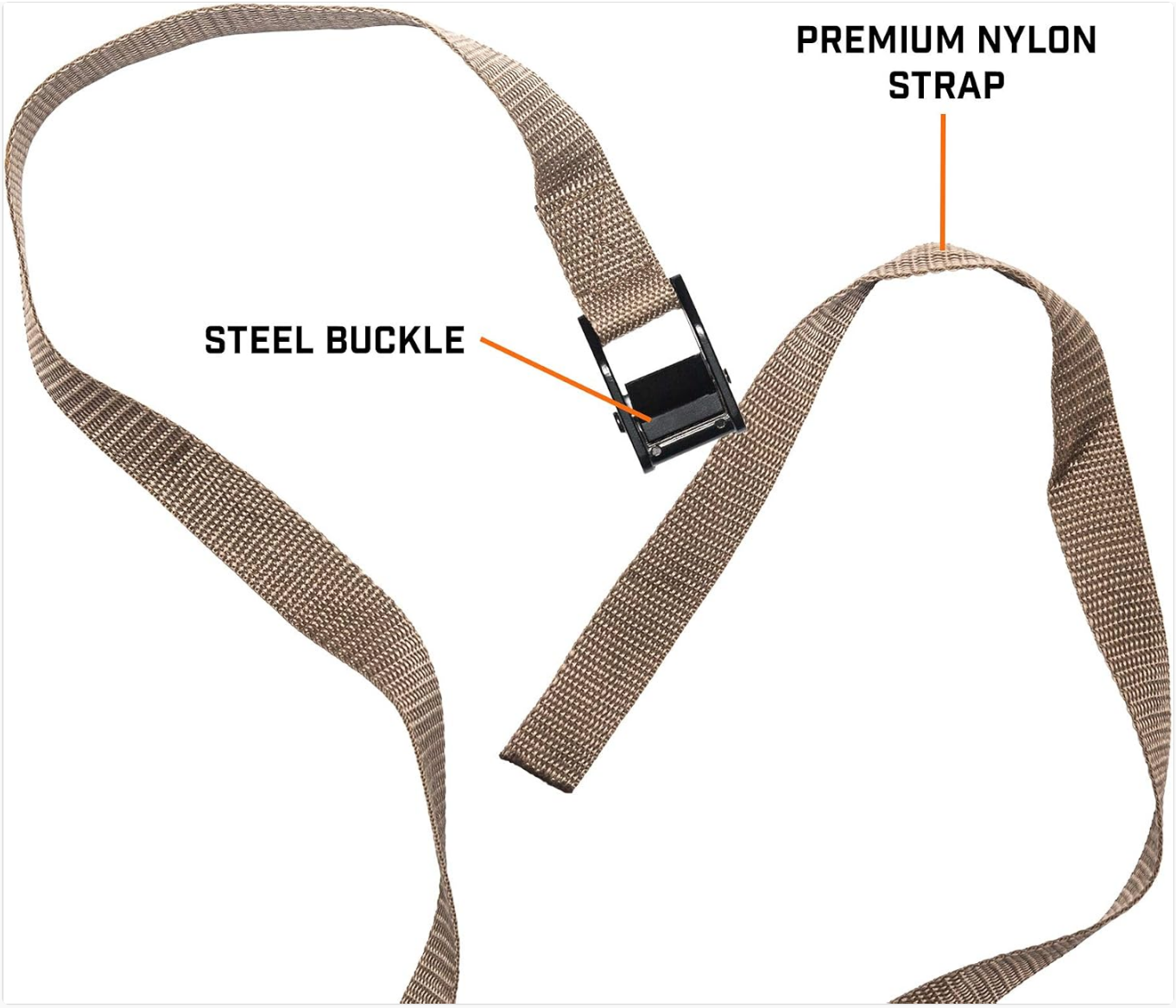


Figure 3.4: Details of the premium nylon strap and steel buckle for secure mounting.

4. Operation

4.1. Powering On/Off and Mode Selection

The camera features a three-position power switch: OFF, SETUP, and ON.

- **OFF:** Powers the camera down.
- **SETUP:** Allows access to the camera's menu system for configuring settings, viewing images/videos, and formatting the SD card. The LCD screen will activate in this mode.
- **ON:** Activates the camera for automatic image/video capture based on your configured settings. The LCD screen will turn off after a few seconds to conserve power.

4.2. Menu Navigation

In SETUP mode, use the navigation buttons (up, down, left, right, OK/Enter) to browse and select menu options. The LCD screen provides a live preview and displays menu items.

- **Photo Mode:** Set image resolution, photo burst, delay, and flash mode.
- **Video Mode:** Configure video resolution, video length, and audio recording.
- **PIR Sensitivity:** Adjust the Passive Infrared (PIR) sensor sensitivity to detect motion.

- **Time Lapse:** Set intervals for time-lapse photography.
- **Date/Time:** Set the current date and time for accurate timestamps on captures.
- **Format SD Card:** Erase all data on the SD card. **Warning:** This will permanently delete all files.

5. Maintenance

- **Battery Replacement:** Replace all 6 AA batteries when the low battery indicator appears on the LCD or when performance degrades. Always replace all batteries at once with new ones of the same type.
- **Lens Cleaning:** Gently wipe the camera lens and PIR sensor window with a soft, lint-free cloth. Avoid abrasive materials or harsh chemicals.
- **Housing Cleaning:** Clean the camera's exterior with a damp cloth. Do not submerge the camera in water.
- **SD Card Management:** Regularly back up important images and videos from your SD card to a computer or external storage. Format the SD card periodically to maintain optimal performance and prevent data corruption.
- **Storage:** When not in use for extended periods, remove batteries from the camera and store it in a cool, dry place.

6. Troubleshooting

- **Camera Not Turning On:**
  - Ensure batteries are inserted correctly with proper polarity.
  - Check if batteries are fully charged.
  - Verify the power switch is in the 'SETUP' or 'ON' position.
- **No Images/Videos Captured:**
  - Confirm an SD card is inserted and properly formatted.
  - Check SD card capacity; it might be full.
  - Adjust PIR sensitivity if animals are too far or too fast.
  - Ensure the camera is in 'ON' mode for active capture.
- **Poor Image Quality (Blurry/Dark):**
  - Clean the camera lens and PIR sensor window.
  - Check battery level, as low power can affect flash performance.
  - Ensure the camera is not facing direct sunlight or strong artificial light sources.
  - For night images, ensure objects are within the 100-foot infrared range.
- **Camera Not Detecting Motion:**
  - Increase PIR sensitivity in the camera settings.
  - Ensure there are no obstructions in front of the PIR sensor.
  - Verify the camera is positioned correctly to capture motion in the desired area.

7. Specifications

Feature	Specification
Effective Still Resolution	30 MP
Video Capture Resolution	1080p at 60FPS

Feature	Specification
Trigger Speed	0.2 seconds
Recovery Rate	0.6 seconds
Night Range	100 feet (Low Glow Infrared)
Flash Memory Type	SD (up to 32GB)
Power Source	6 AA Batteries (not included)
Battery Life	Approx. 1 year
Connectivity Protocol	Wi-Fi (for certain models/features, not explicitly detailed for this model)
International Protection Rating	IP65
Material	Plastic
Item Weight	300 Grams
Model Number	119975C
UPC	029757005489

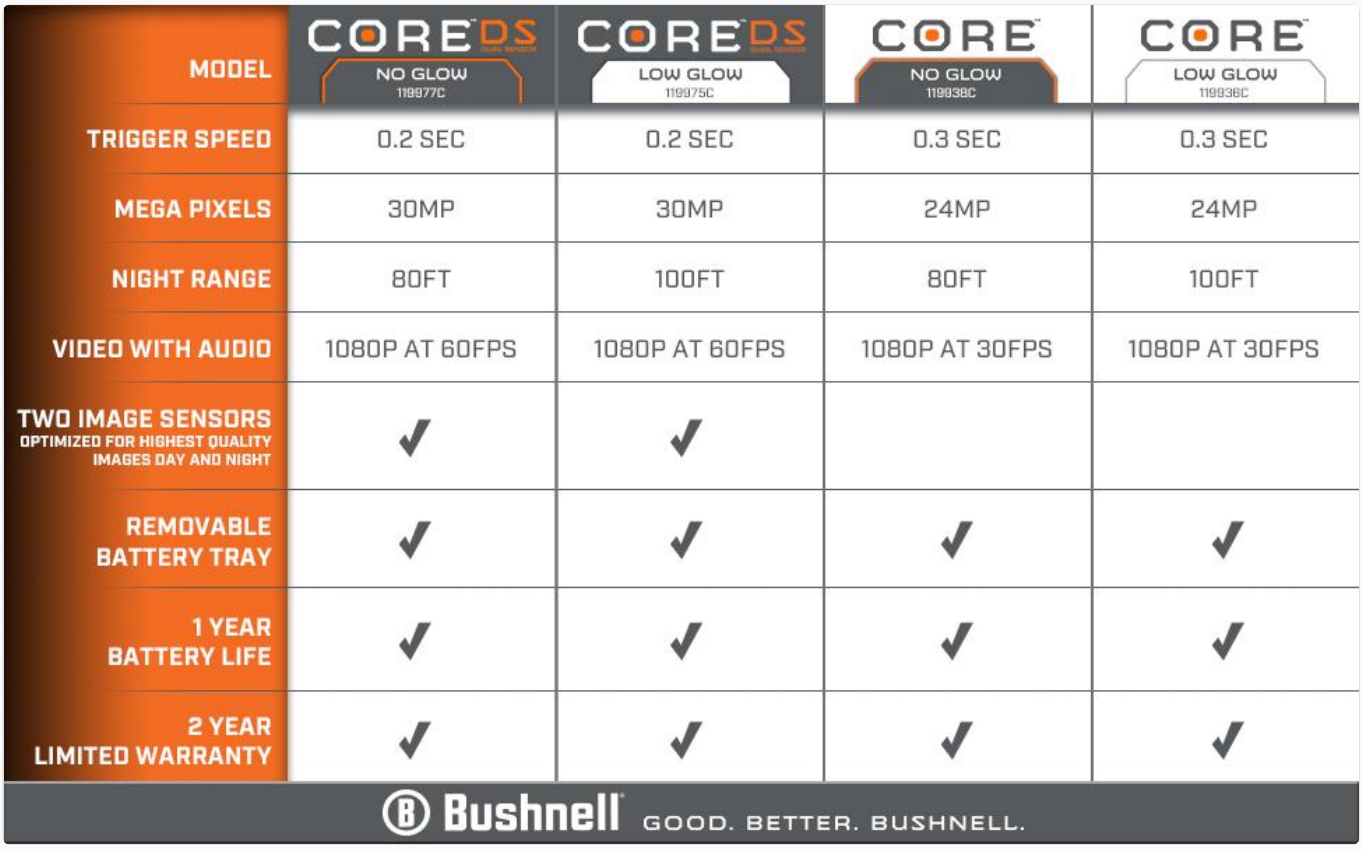


Figure 7.1: Feature comparison across various Bushnell CORE and CORE DS models.

8. Warranty and Support

The Bushnell 30MP CORE Trail Camera (Model 119975C) is covered by a**2-year manufacturer's warranty** from the

date of purchase. This warranty covers defects in materials and workmanship under normal use.
For technical support, warranty claims, or service inquiries, please visit the official Bushnell website or contact their customer service department. Keep your proof of purchase for warranty validation.
Online Support: www.bushnell.com

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