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› Denver WCS-5020 Camouflage Sport Camera User Manual

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Denver WCS-5020 Camouflage Sport Camera User Manual

MODEL: WCS-5020 | BRAND: DENVER

Introduction

Thank you for choosing the Denver WCS-5020 Camouflage Sport Camera. This high-resolution trail camera is designed for outdoor use, capturing wildlife and monitoring activities with its advanced features. It boasts a 5-megapixel CMOS sensor, capable of recording Full HD 1080p video and capturing 12-megapixel still images. With its IP-65 waterproof rating and infrared night vision capabilities, the WCS-5020 is built to withstand harsh weather conditions and provide clear footage day or night.

This manual provides detailed instructions on setting up, operating, and maintaining your camera to ensure optimal performance and longevity.

Package Contents

Upon unboxing, please verify that all components are present:

- Denver WCS-5020 Camouflage Sport Camera
- Mounting Strap
- USB Cable
- User Manual (this document)



Image: The Denver WCS-5020 camera, along with its included accessories: a black mounting strap, a black USB cable, and a printed user manual.

Setup

1. Battery Installation

The WCS-5020 camera requires 4 AA-size batteries (not included). Ensure you use high-quality alkaline or rechargeable batteries for best performance.

1. Locate the battery compartment on the camera.
2. Open the compartment cover.
3. Insert 4 AA batteries, observing the correct polarity (+/-) as indicated inside the compartment.
4. Close the battery compartment cover securely to maintain the camera's waterproof seal.

2. microSD Card Installation

A microSD card (not included) is required to store photos and videos. The camera supports microSD cards (capacity not specified, typically up to 32GB or 64GB is common for such devices).

1. Locate the microSD card slot, usually near the battery compartment or on the side of the camera.
2. Insert the microSD card into the slot with the gold contacts facing down (or as indicated by the slot diagram) until it clicks into place.
3. To remove, gently push the card in until it clicks, then release, and it will spring out.

3. Initial Power On and Basic Settings

After installing batteries and the microSD card, you can power on the camera and configure initial settings using the built-in 2-inch screen.



Image: Front view of the Denver WCS-5020 camera, showing the main screen and control buttons.

1. Switch the camera to the "SETUP" or "ON" position (refer to the camera's physical switch).
2. The 2-inch screen will power on.
3. Use the **MENU** button to access settings.
4. Navigate through options using the arrow buttons (Up, Down, Left, Right).
5. Press the **OK** button to confirm selections.
6. Set the date, time, language, and format the microSD card if prompted or desired.

4. Mounting the Camera

The camera comes with a mounting strap for securing it to trees or poles.

1. Thread the mounting strap through the slots on the back of the camera.
2. Secure the camera to a stable object (e.g., tree, post) at the desired height and angle.
3. Ensure the camera is stable and not prone to movement from wind or animals.



Image: The Denver WCS-5020 camera with its back panel open, revealing the battery compartment and the slots for the mounting strap.

Operating the Camera

1. Understanding Camera Modes

The WCS-5020 typically operates in different modes:

- **OFF:** Camera is powered off.
- **SETUP:** Allows access to the menu for changing settings, viewing photos/videos, and formatting the SD card.
- **ON (Monitoring Mode):** The camera is active and will capture photos or videos based on motion detection and configured settings. The screen will turn off to conserve power.

2. Configuring Recording Settings

Access the camera's menu via the 2-inch screen to adjust recording parameters:

- **Photo Resolution:** Set to 12 Megapixels for high-quality still images.
- **Video Resolution:** Set to 1080p for Full HD video recording.
- **PIR Interval:** This setting determines the delay between detections before the camera triggers again. Adjustable from 1 second to 30 minutes.
- **Time Lapse:** The camera features a periodic trigger function, allowing it to capture images at set intervals from 1 second to 24 hours, regardless of motion.
- **Night Vision:** The camera is equipped with 2 infrared LED lights for night use, providing detailed black and white images up to 25 meters. Ensure this feature is enabled for nighttime monitoring.
- **Motion Sensor:** The camera has a 60-degree viewing angle for its motion sensor. Adjust sensitivity if needed.



Image: Side view of the Denver WCS-5020 camera, highlighting the button layout for navigation and control.

3. Viewing and Transferring Files

You can view captured photos and videos directly on the camera's 2-inch screen or transfer them to a computer.

- **On-Camera Playback:** In SETUP mode, press the **PLAY** button to enter playback mode. Use the arrow buttons to navigate through files and the **OK** button to play videos.
- **PC Connection:** Connect the camera to your computer using the supplied USB cable. The camera will appear as a removable disk drive, allowing you to copy files directly from the microSD card.

Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the camera lens and body. For stubborn dirt, a slightly damp cloth can be used, but ensure no moisture enters the camera. Do not use harsh chemicals or abrasive cleaners.
- **Battery Replacement:** Replace batteries when the low battery indicator appears on the screen or when performance degrades. Always replace all 4 batteries at once with new ones.
- **MicroSD Card Management:** Regularly format the microSD card (after backing up important files) to maintain optimal performance and prevent data corruption.
- **Water Resistance:** The camera is IP-65 certified, meaning it is protected against dust ingress and low-pressure water jets from any direction. While it is weather-resistant, avoid submerging the camera in water. Ensure all covers (battery compartment, USB port) are securely closed when in use outdoors.
- **Storage:** When not in use for extended periods, remove the batteries to prevent leakage and store the camera in a cool, dry place.

Troubleshooting

- **Camera not powering on:**
 - Check if batteries are inserted correctly with correct polarity.
 - Ensure batteries have sufficient charge. Replace with new ones if necessary.
 - Verify the power switch is in the "SETUP" or "ON" position.
- **Poor image/video quality:**
 - Clean the camera lens.
 - Ensure sufficient lighting during daytime recording.
 - For night vision, ensure the subject is within the 25-meter infrared range.
 - Check resolution settings in the menu.
- **Camera not detecting motion:**
 - Adjust PIR sensitivity in the camera settings.
 - Ensure there are no obstructions in front of the PIR sensor.
 - Check the camera's placement; avoid direct sunlight or heat sources that might cause false triggers or prevent detection.
- **MicroSD card error:**
 - Ensure the microSD card is properly inserted.
 - Try formatting the card via the camera's menu (this will erase all data).
 - Test with a different, known-good microSD card.

Specifications

Feature	Specification
Model Number	WCS-5020
Image Sensor	5 Megapixel CMOS
Video Resolution	1080p Full HD

Photo Resolution	12 Megapixels
Viewing Angle	60 degrees
Infrared Range	Up to 25 meters (82 feet)
Display Screen	2-inch LCD
Trigger Interval	1 second to 30 minutes
Time Lapse Interval	1 second to 24 hours
Power Source	4 x AA Batteries (not included)
Connectivity	USB for file transfer
Water Resistance	IP-65 Certified
Dimensions (L x W x H)	10.4 x 4.3 x 7.5 cm (4.1 x 1.7 x 3.0 inches)
Weight	360 grams (0.79 lbs)

Warranty and Support

Specific warranty information for the Denver WCS-5020 Camouflage Sport Camera is typically provided at the point of purchase or within separate documentation included with the product. Please refer to your purchase receipt or the manufacturer's official website for detailed warranty terms and conditions.

For technical support, product inquiries, or assistance with spare parts, please contact Denver customer service through their official channels. Contact information can usually be found on the product packaging or the Denver website.

Note: Information regarding spare parts availability was not provided in the product details.

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