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HAWKPRO DL-002

HAWKPRO DL-002 Trail Camera User Manual

Model: DL-002

1. Product Overview

The HAWKPRO DL-002 is a non-cellular trail camera designed for wildlife monitoring, hunting, and property surveillance. It captures high-resolution 60MP photos and 4K video with sound, featuring advanced night vision capabilities and a robust IP66 waterproof design for reliable outdoor performance.



Figure 1: Key features of the HAWKPRO DL-002 Trail Camera, including 60MP photo resolution, 4K video, advanced CMOS+ sensor, 120° wide-angle lens, and 0.3-second trigger speed.

2. What's in the Box

Please verify that all items are present upon unboxing your HAWKPRO DL-002 Trail Camera:

- HAWKPRO DL-002 Trail Camera
- 32GB SD Card
- Mounting Strap
- USB Cable
- User Manual (this document)

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Video 1: Unboxing the HAWKPRO DL-002 Trail Camera. This video demonstrates the contents of the product packaging, including the camera unit, mounting strap, USB cable, and 32GB SD card.



Figure 2: The HAWKPRO DL-002 Trail Camera and its accessories. The image shows the camera's dimensions (Height: 13.6cm, Width: 9.9cm, Depth: 6.3cm) alongside the included 32GB memory card, mounting strap, and USB cable.

3. Setup

3.1 Battery Installation

1. Open the camera's housing by unlatching the side clips.
2. Locate the battery compartment.
3. Insert 8x AA batteries (not included) according to the polarity indicators (+/-) inside the compartment.
4. Close the battery compartment cover securely.

3.2 SD Card Insertion

1. With the camera housing open, locate the SD card slot.
2. Insert the included 32GB SD card into the slot until it clicks into place. Ensure the card is inserted in the correct

orientation.

3. To remove, gently push the card until it springs out.

3.3 Mounting the Camera

1. Use the provided mounting strap to secure the camera to a tree or pole. Thread the strap through the camera's mounting brackets.
2. Adjust the strap to ensure the camera is stable and pointed towards the desired monitoring area.
3. The camera can also be mounted using a tripod screw mount (not included) at the bottom.

3.4 Initial Power-On and Basic Settings

1. Slide the power switch from 'OFF' to 'TEST' mode. The internal 2.0-inch IPS HD display will turn on.
2. Use the navigation buttons (Up, Down, Left, Right, E for Enter, M for Menu) to set the date, time, and desired operating mode (Photo, Video, or Photo+Video).
3. Adjust other settings such as photo resolution, video resolution, trigger sensitivity, and PIR interval as needed.
4. Once settings are configured, slide the power switch to 'ON' mode. The screen will turn off, and the camera will enter monitoring mode.



Figure 3: The camera's internal 2.0-inch IPS HD display, used for setup, angle adjustment, and instant playback of captured media.

4. Operating the Camera

4.1 Monitoring Modes

- **Photo Mode:** Captures still images when motion is detected.
- **Video Mode:** Records video clips when motion is detected.
- **Photo+Video Mode:** Captures a set number of photos followed by a video clip when motion is detected.
- **Time Lapse Mode:** Captures photos at set intervals regardless of motion.

4.2 Motion Detection and Trigger

The DL-002 features a high-sensitivity Passive Infrared (PIR) motion sensor with a 0.3-second trigger time. It has a 120° wide-angle lens and an 80ft detection range, ensuring minimal missed activity.



Figure 4: The camera's ultra-fast 0.3-second trigger time, capable of capturing rapid sequences of movement.

4.3 Night Vision

Equipped with 48 pcs 940nm No-Glow Infrared (IR) LEDs, the camera captures clear black and white images and videos in total darkness. These IR LEDs are invisible to animals, preventing disturbance to wildlife. The night vision range is up to 80 feet.



Figure 5: Superior night vision technology, featuring 940nm No-Glow IR LEDs for discreet monitoring and clear nighttime footage.

4.4 Reviewing and Retrieving Footage

To review captured photos and videos:

1. Switch the camera to 'TEST' mode.
2. Use the navigation buttons to browse through the recorded media on the 2.0-inch IPS HD display.
3. To retrieve files, remove the SD card and insert it into a computer's SD card reader, or connect the camera directly to a computer using the provided USB cable.

The DL-002 is a non-cellular camera and does not support WiFi or Bluetooth connectivity. All data retrieval is done via the SD card or USB connection.

5. Maintenance

5.1 Weather Protection

The camera features an IP66 waterproof design, providing protection against rain, dust, and extreme temperatures (-20°C to 70°C). Ensure the housing is securely latched to maintain its waterproof seal.



Figure 6: The camera's IP66 waterproof design ensures durability in various outdoor conditions.

5.2 Battery Management

The camera operates on 8x AA batteries. For optimal performance and longevity, use high-quality alkaline or rechargeable AA batteries. Replace all batteries simultaneously when the low battery indicator appears on the display.

5.3 Cleaning

Regularly clean the camera lens and PIR sensor window with a soft, lint-free cloth to ensure clear images and proper motion detection. Avoid using abrasive cleaners or solvents.

6. Troubleshooting

- **Camera not powering on:** Ensure batteries are inserted correctly with proper polarity and are fully charged. Check if the power switch is in 'TEST' or 'ON' position.
- **Poor image/video quality:** Clean the camera lens. Ensure the camera is mounted securely to prevent movement. Check settings for appropriate resolution.
- **No motion detection:** Verify the PIR sensor is unobstructed. Adjust trigger sensitivity in the settings. Ensure the camera is in 'ON' mode, not 'TEST' mode.
- **SD card error:** Ensure the SD card is properly inserted. Format the SD card using the camera's menu (this will erase all data). Try a different compatible SD card if the issue persists.
- **Short battery life:** Use high-quality alkaline or rechargeable batteries. Reduce the frequency of captures or video length in settings. Extreme cold weather can also reduce battery performance.

7. Specifications

Feature	Specification
Model Name	Trail Cam DL-002
Photo Resolution	Up to 60MP
Video Resolution	4K (3840x2160)
Trigger Time	0.3 seconds
Viewing Angle	120 Degrees
Night Vision Range	80 Feet
Number of IR LEDs	48 (940nm No-Glow)
Display	2.0-inch IPS HD Screen
Water Resistance Level	IP66
Power Source	8x AA Batteries (not included)
Flash Memory Type	SD Card (up to 32GB supported)
Connectivity Protocol	Non-Cellular
Material	Acrylonitrile Butadiene Styrene (ABS)
Item Dimensions	2.48 x 3.89 x 5.35 inches

8. Warranty and Support

For warranty information or technical support, please refer to the contact details provided on the product packaging or visit the official HAWKPRO website. Keep your purchase receipt for warranty claims.

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