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> CHWARES NDL601 WiFi Trail Camera with Remote Watch User Manual

CHWARES NDL601

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Model: NDL601

INTRODUCTION

Thank you for choosing the CHWARES NDL601 WiFi Trail Camera. This manual provides essential information for setting up, operating, and maintaining your trail camera to ensure optimal performance. This camera is designed for various outdoor monitoring applications, including wildlife observation, home security, and property surveillance.

PRODUCT COMPONENTS

Before you begin, please ensure all components are present in the package:

- CHWARES NDL601 WiFi Trail Camera
- Remote Watch
- Mounting Strap
- USB Cable
- Mounting Bracket and Screws

Packing list



Contents of the CHWARES Trail Camera package and product dimensions. The image displays the trail camera, remote watch, mounting strap, USB cable, and mounting hardware, alongside the camera's dimensions (3.74 inches wide, 5.4 inches high, 2.5 inches deep).

SETUP

1. Battery Installation

The camera requires eight (8) AA batteries (not included). Ensure batteries are inserted with correct polarity. For optimal performance, use high-quality alkaline or rechargeable AA batteries.

2. SD Card Installation

Insert a Class 10 SD card (up to 64GB, not included) into the designated slot. Ensure the card is inserted correctly until it clicks into place. It is recommended to format the SD card before first use.



- | | | | |
|-------------------------|------------------------------|--------------------|----------------|
| 1 Photosensitive sensor | 2 Secondary PIR indicator | 3 System indicator | |
| 4 Main PIR indicator | 5 Lens | 6 Left IR LED | 7 Right IR LED |
| 8 Main sensor | 9 Left Sensor | 10 Right Sensor | 11 MODE |
| 12 Up button | 13 LCD | 14 OK/SHOT | 15 Down button |
| 16 OFF/SETUP/ON | 17 Battery compartment cover | | |



SD card (Not included)

SD card (Class 10 up to 64GB) is recommended

Detailed diagram of the CHWARES Trail Camera components and controls. Key components include the photosensitive sensor, PIR indicators, lens, IR LEDs, LCD screen, and battery compartment.

3. Powering On/Off and Mode Selection

Locate the ON/OFF/SETUP switch. Slide it to 'ON' to power on the camera for operation, or 'SETUP' to access the menu for configuration. Slide to 'OFF' to power down the camera.

4. Initial Settings

In 'SETUP' mode, use the navigation buttons (Up, Down, OK) to set the date, time, language, and desired recording mode (Photo, Video, or Photo+Video). Refer to the on-screen menu for detailed options.

5. App Installation and WiFi Connection

Download the dedicated mobile application for the CHWARES Trail Camera from your device's app store. To connect via WiFi:

1. Ensure the camera is in 'SETUP' mode.
2. Activate the camera's WiFi using the remote watch or the camera's menu.
3. On your smartphone, connect to the camera's WiFi network (SSID and password will be displayed on the camera's LCD or in the manual).
4. Open the app to view live feed, adjust settings, or download media.

6. Mounting the Camera

Use the provided mounting strap or bracket to secure the camera to a tree or other stable surface. Position the camera to cover the desired monitoring area, ensuring no obstructions block the lens or PIR sensors.

OPERATING INSTRUCTIONS

1. Recording Modes

- **Photo Mode:** Captures still images when triggered by motion.
- **Video Mode:** Records video clips when triggered by motion.
- **Photo+Video Mode:** Captures a still image followed by a video clip when triggered.

Select your preferred mode in the 'SETUP' menu.

High-definition Resolution

24MP photo and 1296P video with audio make you feel like you are in beautiful nature



24MP 1296P

CHWARES Trail Camera

16MP 1080P

Other Trail Camera

Comparison of 24MP photo and 1296P video resolution. The image illustrates the clarity difference between 24MP photos and 1296P video captured by the CHWARES Trail Camera versus a lower resolution camera.

2. Motion Detection (PIR)

The camera uses Passive Infrared (PIR) sensors to detect motion. Adjust PIR sensitivity in the settings to suit your environment and avoid unwanted triggers. The camera features a 0.3-second trigger time.

3. Night Vision

Equipped with 940nm infrared (IR) LEDs, the camera provides clear black-and-white images and videos in low-light or nighttime conditions without emitting a visible glow.



Day and Night Vision capabilities of the trail camera. The image shows a comparison of a lion captured in full color during the day and in black and white with infrared night vision.

4. Remote Watch Functionality

The included remote watch can be used to activate the camera's WiFi, allowing you to connect with your smartphone app without directly accessing the camera.

MAINTENANCE

1. Cleaning

Gently clean the camera lens and PIR sensors with a soft, dry cloth. Avoid using abrasive cleaners or solvents.

2. Battery Replacement

Replace all eight AA batteries when the low battery indicator appears. Do not mix old and new batteries or different battery types.

3. SD Card Management

Regularly check the SD card capacity. Format the SD card periodically through the camera's 'SETUP' menu to maintain optimal performance and prevent data corruption.

4. Waterproof Rating

The camera has an IP65 waterproof rating, protecting it from dust and water jets. Ensure the battery compartment and all ports are securely closed to maintain water resistance.



IP65 waterproof

Protection from water, even from powerful jets of water

CHWARES Trail Camera demonstrating IP65 waterproof rating. The image shows the camera mounted on a tree with water splashing on it, indicating its resistance to water.

TROUBLESHOOTING

- **Camera not powering on:** Check battery installation and ensure batteries are fresh. Verify the ON/OFF switch is in the 'ON' or 'SETUP' position.
- **Poor image/video quality:** Ensure the lens is clean. Check settings for resolution and quality. Low light conditions will result in black and white night vision footage.
- **WiFi connection issues:** Ensure you are within close range of the camera. Verify the camera's WiFi is activated. Restart both the camera and your smartphone's WiFi.
- **No motion detection:** Adjust PIR sensitivity settings. Ensure no obstructions are blocking the PIR sensors.

Test the camera in different locations.

- **Short battery life:** Use high-quality alkaline or rechargeable batteries. Reduce video length or photo burst settings. Extreme cold weather can also reduce battery performance.
- **SD card errors:** Format the SD card in the camera's menu. Try a different Class 10 SD card (up to 64GB).

SPECIFICATIONS

Model	NDL601
Brand	CHWARES
Connectivity Technology	Wireless, Wi-Fi
Color	Forest Camouflage
Effective Video Resolution	1296 Pixels
Wattage	6 watts
Batteries Required	8x AA (not included)
SD Card Support	Class 10, up to 64GB
Waterproof Rating	IP65
Trigger Time	0.3 seconds

WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the documentation provided with your purchase or contact CHWARES customer service directly. Keep your purchase receipt as proof of purchase.