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- › [NEDIS](#) /
- › [NEDIS SmartLife Outdoor Pan-Tilt Spotlight Camera WIFICO22CWT User Manual](#)

NEDIS WIFICO22CWT

NEDIS SmartLife Outdoor Pan-Tilt Spotlight Camera

Model: WIFICO22CWT

Brand: NEDIS

1. INTRODUCTION

The NEDIS SmartLife Outdoor Pan-Tilt Spotlight Camera (WIFICO22CWT) is designed to enhance your home security with advanced features and seamless integration. This manual provides essential information for the proper installation, operation, and maintenance of your camera.

Key features include a 3MP (1296p) sensor for clear images, remote pan and tilt control, automatic tracking, color and infrared night vision, two-way audio, motion and sound detection with instant notifications, and an IP65 weatherproof rating for outdoor reliability.

360° Motion Tracking with Human Detection



3MP

Full HD 1296p



**Siren
and Light**



IP65

Weatherproof



256GB

microSD slot
(card not included)



Night Vision
up to 10m / 33ft



2-Way Audio
Listen & Speak



Image 1.1: Overview of NEDIS SmartLife Outdoor Camera features, including 360-degree motion tracking, 3MP resolution, siren and light, IP65 weatherproofing, microSD slot, night vision, and two-way audio.

2. PACKAGE CONTENTS

Please check the package for the following items:

- NEDIS SmartLife Outdoor Pan-Tilt Spotlight Camera (WIFICO22CWT)
- Power Adapter (5V DC)
- Mounting Bracket and Screws
- Quick Start Guide (this manual)

3. SETUP

3.1. App Installation

1. Download the **Nedis SmartLife** app from the App Store (iOS) or Google Play Store (Android).
2. Register for a new account or log in if you already have one.

3.2. Powering On and Initial Connection

1. Connect the camera to the power adapter and plug it into an electrical outlet.
2. Wait for the camera's indicator light to flash, indicating it is ready for pairing.
3. Open the Nedis SmartLife app, tap '+' to add a new device, and follow the on-screen instructions to connect the camera to your 2.4 GHz Wi-Fi network.

3.3. MicroSD Card Installation (Optional)

For local storage of recordings, install a microSD card (up to 256GB, not included).

1. Locate the microSD card slot on the camera (refer to the camera diagram in the quick start guide).
2. Carefully insert the microSD card into the slot until it clicks into place.
3. Format the microSD card via the camera settings in the Nedis SmartLife app.

3.4. Mounting the Camera

The camera comes with a wall/ceiling mount. Choose a suitable location with a clear view and within Wi-Fi range.



Image 3.1: Camera dimensions for mounting reference.

1. Mark the drilling positions using the mounting bracket as a template.
2. Drill holes and insert wall plugs if necessary.
3. Secure the mounting bracket to the wall or ceiling with screws.
4. Attach the camera to the mounting bracket and adjust its initial angle.



IP65 Weatherproof

Built to withstand the elements, providing reliable outdoor performance in any weather condition

Image 3.2: The IP65 weatherproof design ensures reliable outdoor performance in various weather conditions.

4. OPERATING INSTRUCTIONS

4.1. Live View and Pan/Tilt Control

Access the live feed from your camera through the Nedis SmartLife app. Use the on-screen controls to remotely pan (horizontal) and tilt (vertical) the camera to monitor a wide area.

4.2. Motion Detection and Tracking

The camera features advanced motion detection, including human detection, to minimize false alarms. You can customize detection zones within the app.



Human Detection

Rotate the camera remotely from your phone or set to automatically follow any moving person/object

Image 4.1: Human Detection allows the camera to automatically follow moving persons or objects.

Enable **Auto-Tracking** in the app settings to have the camera automatically follow detected movement.

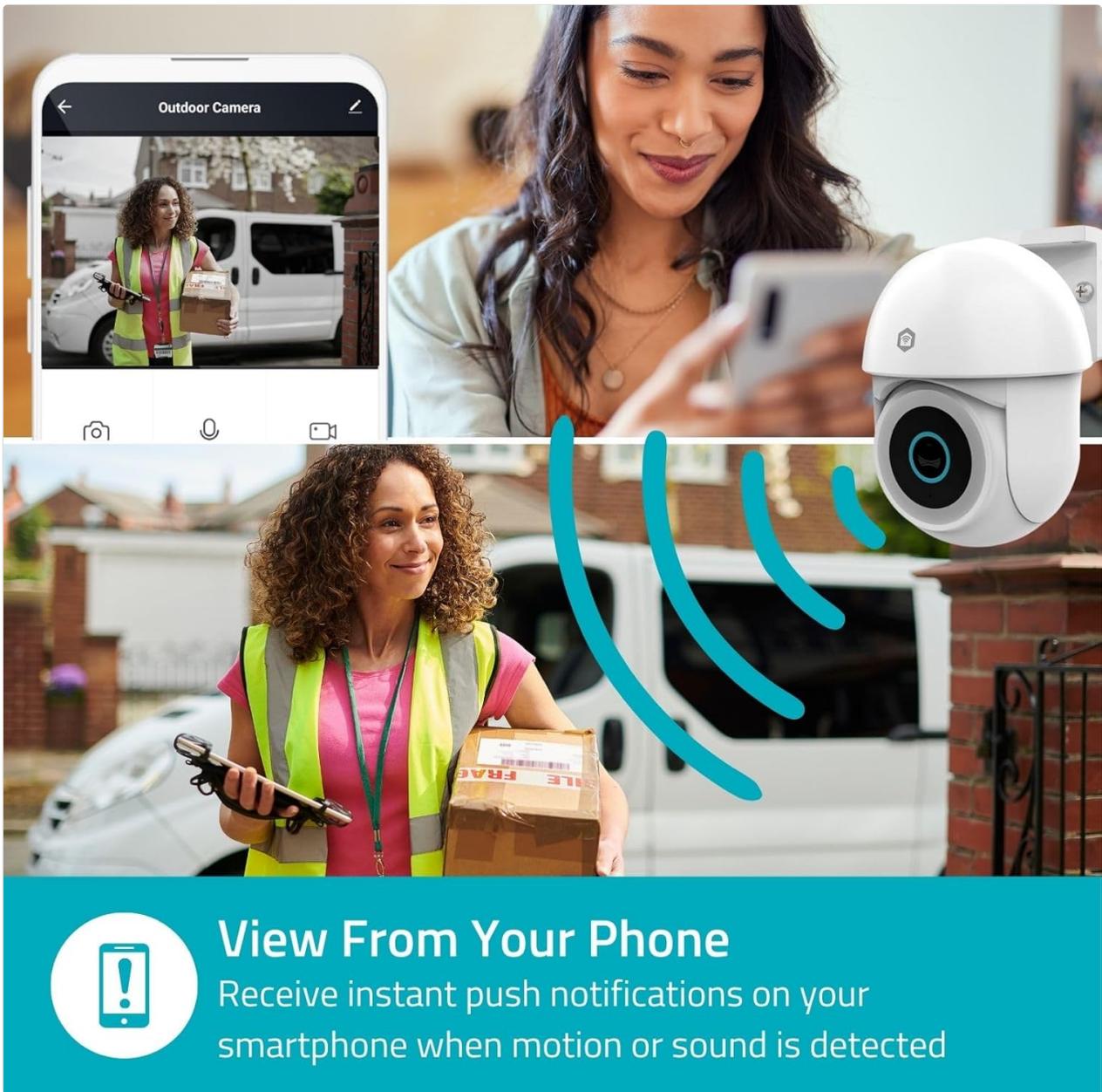


Image 4.2: Receive instant push notifications on your smartphone when motion or sound is detected.

4.3. Two-Way Audio

Utilize the built-in microphone and speaker for two-way communication. You can listen to the environment and speak through the camera via the app.



Image 4.3: Two-Way Audio allows you to listen and talk with individuals in front of the camera.

4.4. Night Vision

The camera supports two night vision modes:

- **Color Night Vision:** Achieved using dimmable white LEDs, providing full-color images in low light.
- **Infrared Night Vision:** Standard black and white night vision using infrared LEDs, effective up to 10 meters (33 feet).



Image 4.4: Comparison of Day Mode and Night Mode, illustrating the camera's 3MP resolution and 10m night vision capability.

4.5. Spotlight and Siren

When motion is detected, you can configure the camera to activate its white LEDs (spotlight) and/or a siren. This can deter intruders or provide illumination.



Light & Siren

Activate the white LEDs and/or siren when detecting motion to deter intruders or to illuminate your path

Image 4.5: The camera's light and siren can be activated upon motion detection to deter unwanted visitors.

4.6. Recording and Playback

Recordings can be stored on a microSD card (up to 256GB) or via optional cloud storage. Access and playback recorded footage through the Nedis SmartLife app.

4.7. Privacy Mode

Activate Privacy Mode in the app to temporarily disable recording and live view when you are home, ensuring your privacy.

4.8. Smart Home Integration

The camera is compatible with Google Home and Amazon Alexa, allowing for voice control and integration into your smart home ecosystem.

5. MAINTENANCE

- **Cleaning:** Gently wipe the camera lens and body with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.

- **Firmware Updates:** Regularly check the Nedis SmartLife app for available firmware updates to ensure optimal performance and security.
- **Power Supply:** Ensure the power adapter and cable are free from damage.

6. TROUBLESHOOTING

6.1. Camera Not Connecting to Wi-Fi

- Ensure your Wi-Fi network is 2.4 GHz. The camera does not support 5 GHz Wi-Fi.
- Check that the Wi-Fi password is entered correctly.
- Place the camera closer to your Wi-Fi router during setup.
- Restart your router and the camera.

6.2. Poor Video Quality

- Check your Wi-Fi signal strength. A weak signal can affect video quality.
- Ensure the camera lens is clean and free from obstructions.
- Adjust the video resolution settings in the app if your network bandwidth is limited.

6.3. Motion Detection Not Working

- Verify that motion detection is enabled in the app settings.
- Check the sensitivity settings and detection zones.
- Ensure there are no physical obstructions blocking the camera's view.

6.4. No Audio or Two-Way Audio Issues

- Check the microphone and speaker volume settings in the app.
- Ensure your smartphone's microphone is not muted when speaking through the app.
- Verify network connectivity for real-time audio transmission.

7. SPECIFICATIONS

Feature	Specification
Model Number	WIFICO22CWT
Resolution	3 MP (1296p)
Connectivity	Wi-Fi (2.4 GHz)
Pan/Tilt Function	Yes
Weatherproof Rating	IP65
Night Vision	Color (white LEDs) & IR (up to 10m)
Two-Way Audio	Yes
Storage Options	MicroSD (up to 256GB, not included), Cloud Storage (optional)
Power Input	5V DC

Dimensions (L x W x H)	10 x 8.3 x 11 cm
Weight	292 grams
Special Features	Human Detection, Auto-Tracking, Spotlight, Siren, Privacy Mode, Onvif support
Compatibility	Google Home, Amazon Alexa

8. WARRANTY AND SUPPORT

This product comes with a standard manufacturer's warranty. For detailed warranty information, please refer to the warranty card included in your package or visit the official NEDIS website.

For technical support, troubleshooting assistance, or further inquiries, please contact NEDIS customer service through their official website or the contact information provided in the product packaging.

Online Resources:

- Visit the [NEDIS website](#) for product updates and support.
- Check the Nedis SmartLife app for FAQs and in-app support options.