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> WOOLINK N1140TYN Solar Security Camera User Manual

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Model: N1140TYN

1. INTRODUCTION

Thank you for choosing the WOOLINK N1140TYN Solar Security Camera. This device is designed to provide reliable outdoor surveillance with the convenience of solar power. It features 1080P resolution, 2.4GHz Wi-Fi connectivity, AI detection, color night vision, two-way audio, and IP65 weather resistance. This manual provides detailed instructions for installation, operation, and maintenance to ensure optimal performance.



Image 1.1: WOOLINK N1140TYN Solar Security Camera with its solar panel.

2. PRODUCT FEATURES

- **Solar Powered & Rechargeable Battery:** Equipped with a 360° adjustable solar panel and a built-in 6000mAh rechargeable battery for continuous operation.
- **1080P Full HD & Color Night Vision:** Captures clear 1080P video. Features infrared, full-color, and intelligent night vision modes up to 33 feet (10 meters).
- **225° Pan Rotation & IP65 Weatherproof:** Offers a horizontal pan rotation of 225° to cover a wide area. IP65 rating ensures protection against dust and water, suitable for outdoor use in various weather conditions (-10°C to 55°C).
- **PIR Motion Detection & Real-time Alerts:** Intelligent infrared sensors distinguish between people, vehicles, and pets, reducing false alarms. Receive instant alerts on the HoMeYe Pro app with optional alarm sounds and spotlights.
- **Two-Way Talk:** Built-in microphone and speaker allow for real-time interactive communication through the app.
- **Flexible Storage Options:** Supports up to 128GB TF (Micro SD) card (not included) for local storage and offers cloud storage with a 3-day free rolling history and a 30-day free trial.



Image 2.1: The camera is powered by a solar panel, ensuring continuous operation.



Image 2.2: The camera is IP65 weatherproof, suitable for various outdoor conditions.

3. SETUP GUIDE

3.1 Package Contents

Please check the package to ensure all components are present:

- WOOLINK N1140TYN Solar Security Camera
- Solar Panel
- Mounting Bracket and Screws
- USB Charging Cable
- User Manual (this document)

3.2 Charging the Camera

Before initial use, fully charge the camera's built-in battery using the provided USB cable. Connect the USB cable to the camera's charging port and a 5V/2A power adapter (not included). The indicator light will show charging status.

3.3 App Installation and Account Creation

1. Download the **HoMeYe Pro** app from your smartphone's app store (iOS or Android).
2. Open the app and follow the on-screen instructions to create a new account or log in if you already have one.

3.4 Connecting the Camera to Wi-Fi

1. Ensure your smartphone is connected to a **2.4GHz Wi-Fi network**. The camera does not support 5GHz Wi-Fi.
2. In the HoMeYe Pro app, tap the "+" icon to add a new device.
3. Select your camera model or scan the QR code on the camera/packaging.
4. Follow the app's instructions to connect the camera to your Wi-Fi network. This typically involves resetting the camera and scanning a QR code displayed on your phone with the camera lens.

3.5 Mounting the Camera and Solar Panel

1. Choose a suitable outdoor location for the camera, ensuring it has a clear view of the area you wish to monitor.
2. Mount the camera securely using the provided bracket and screws.
3. Install the solar panel in a location that receives direct sunlight for several hours each day to ensure optimal charging. The solar panel is adjustable for best sun exposure.
4. Connect the solar panel cable to the camera's charging port.

4. OPERATING INSTRUCTIONS

4.1 Live View and Playback

- Open the HoMeYe Pro app and select your camera to access the live view feed.
- From the live view, you can initiate two-way talk, manually record video, or take screenshots.
- To view recorded footage, navigate to the playback section within the app. You can filter by date and event.



Image 4.1: Live view interface on the HoMeYe Pro app, showing two-way communication.

4.2 Pan Rotation (225°)

Use the directional controls within the HoMeYe Pro app's live view to remotely adjust the camera's horizontal pan angle up to 225°.

4.3 Night Vision Modes

The camera supports three night vision modes, which can be switched manually in the app:

- **Infrared Night Vision:** Standard black and white view in low light.
- **Full Color Night Vision:** Utilizes built-in spotlights to provide color images at night.
- **Intelligent Night Vision:** Automatically switches between infrared and full-color based on detected motion.



Image 4.2: Different night vision modes for enhanced visibility in darkness.

4.4 Motion Detection Settings

Configure motion detection settings in the HoMeYe Pro app:

- Adjust motion sensitivity levels.
- Customize alert areas to focus on specific zones.
- Enable or disable alarm sounds and spotlights upon detection.
- Set detection schedules to activate alerts only during specific times.



Image 4.3: PIR Human Detection helps reduce false alarms by identifying human shapes.

4.5 Storage Management

The camera supports two storage methods:

- **Micro SD Card:** Insert a Micro SD card (up to 128GB, not included) into the designated slot on the camera for local video storage.
- **Cloud Storage:** Access recorded videos via the cloud service. The camera offers a 3-day free rolling cloud storage and a 30-day free trial for extended cloud features.

PLAYBACK

Anytime Anywhere



Up to
128GB
*microSD Card not included

Image 4.4: The camera supports both cloud and Micro SD card storage for video recordings.

5. MAINTENANCE

- **Cleaning:** Regularly wipe the camera lens and solar panel with a soft, damp cloth to remove dust and debris. Avoid abrasive cleaners.
- **Solar Panel Placement:** Periodically check that the solar panel remains in a position to receive maximum direct sunlight. Trim any obstructing foliage if necessary.
- **Battery Health:** While solar-powered, extreme prolonged periods without sunlight may require manual charging via the USB port.
- **Firmware Updates:** Check the HoMeYe Pro app periodically for firmware updates to ensure your camera has the latest features and security enhancements.

6. TROUBLESHOOTING

Problem	Solution
Camera fails to connect to Wi-Fi.	Ensure your router is broadcasting a 2.4GHz Wi-Fi signal. Verify the Wi-Fi password is correct. Move the camera closer to the Wi-Fi router. Reset the camera and try the connection process again.
Camera battery drains quickly.	Ensure the solar panel is clean and positioned for maximum direct sunlight exposure. Reduce motion detection sensitivity or frequency if the camera is recording too many events. Check the solar panel connection to the camera.
Poor image quality at night.	Ensure the camera lens is clean. Switch to Full Color Night Vision mode in the app if ambient light is available. Verify there are no obstructions blocking the camera's view or the night vision LEDs.

Problem	Solution
Motion alerts are not received.	Check app notification settings on your smartphone and within the HoMeYe Pro app. Ensure motion detection is enabled and sensitivity is set appropriately. Verify the camera has a stable internet connection.
Two-way talk audio is unclear.	Ensure your smartphone's microphone is not blocked. Check the camera's microphone and speaker for obstructions. Verify a strong Wi-Fi signal for both the camera and your phone.

7. SPECIFICATIONS

Feature	Detail
Model Name	N1140TYN
Indoor/Outdoor Usage	Outdoor
Power Source	Solar Powered
Connectivity Protocol	Wi-Fi (2.4GHz only)
Controller Type	APP (HoMeYe Pro)
Night Vision Range	Up to 33 Feet (10 meters)
Item Dimensions (L x W x H)	7.36 x 5.2 x 3.86 inches
Water Resistance Level	IP65 Waterproof
Item Weight	1.5 pounds (0.68 Kilograms)
Flash Memory Supported Size Maximum	128 GB (Micro SD Card)
Compatible Devices	Android + iOS
Pan Rotation	225° Horizontal

8. WARRANTY AND SUPPORT

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

