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› Noonkey Y880 4MP HD Wireless Indoor Security Camera User Manual

Noonkey Y880

Noonkey Y880 4MP HD Wireless Indoor Security Camera User Manual

Model: Y880

1. INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your Noonkey Y880 4MP HD Wireless Indoor Security Camera. This camera is designed for home, pet, and baby monitoring, offering high-definition video, dual-band WiFi 6 connectivity, and advanced motion detection features.



Image 1.1: Noonkey Y880 4MP HD Wireless Indoor Security Camera.

2. WHAT'S IN THE BOX

Please check the package contents to ensure all items are present:

- 1 x Noonkey Y880 Indoor Camera
- 1 x User Manual (this document)
- 1 x Mounting Bracket
- 1 x Type-C Cable
- 1 x Screw Kit

3. PRODUCT FEATURES

3.1 4MP HD & Color Night Vision

The camera captures clear and detailed images with 4MP HD resolution. It supports color night vision and 3D noise reduction technology, ensuring visibility in low light or dark environments for continuous home protection.



Image 3.1: Demonstrates 4MP Ultra HD Clear Vision and both Color Night Vision and Infrared Night Vision modes.

3.2 Large Battery & Optional Solar Charging

Equipped with a 6000mAh high-capacity lithium battery, this camera offers extended standby time. It supports charging via an optional high-efficiency solar panel (not included), providing a 100% wireless connection and flexible installation without wiring.

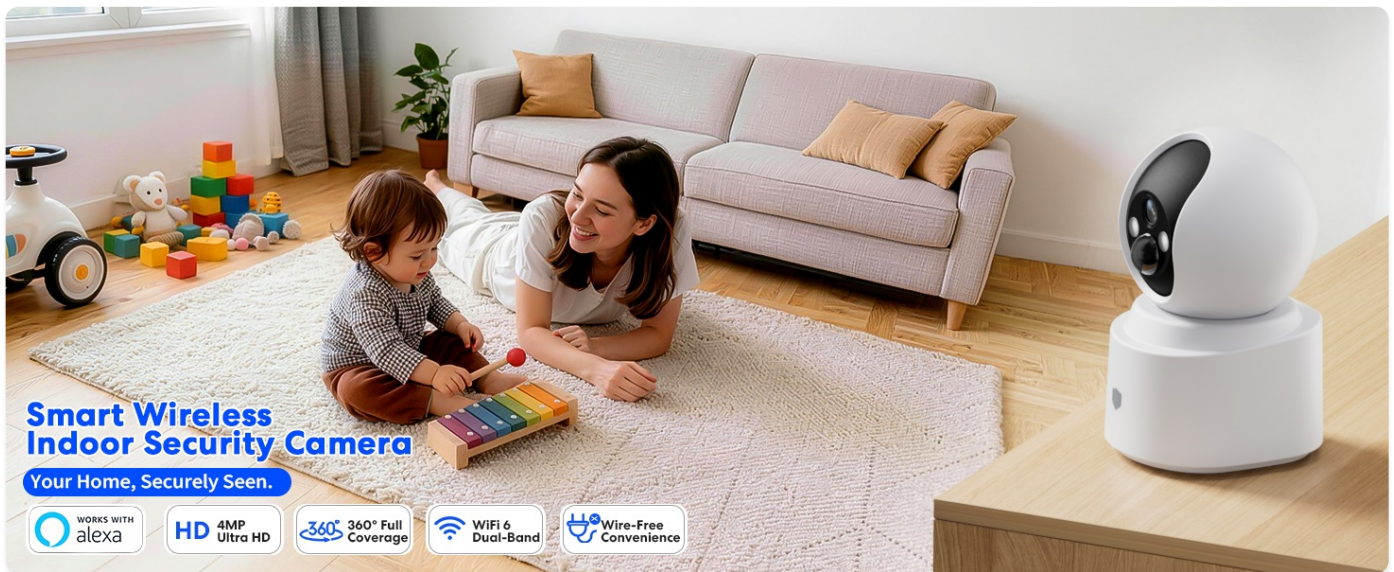


Image 3.2: Illustrates the camera's wire-free, battery-powered operation with a 6000mAh battery for continuous protection.

3.3 Dual Band WiFi 6 & Bluetooth Quick Pairing

The camera supports both 5G and 2.4G dual-band WiFi 6 (IEEE802.11b/g/a/n/ac/ax protocols), offering faster transmission speeds, a more stable connection, and broader compatibility. Bluetooth-assisted network configuration simplifies the pairing process to just three steps.

Coverage That Wraps Around You

360° protection for every angle of your space.

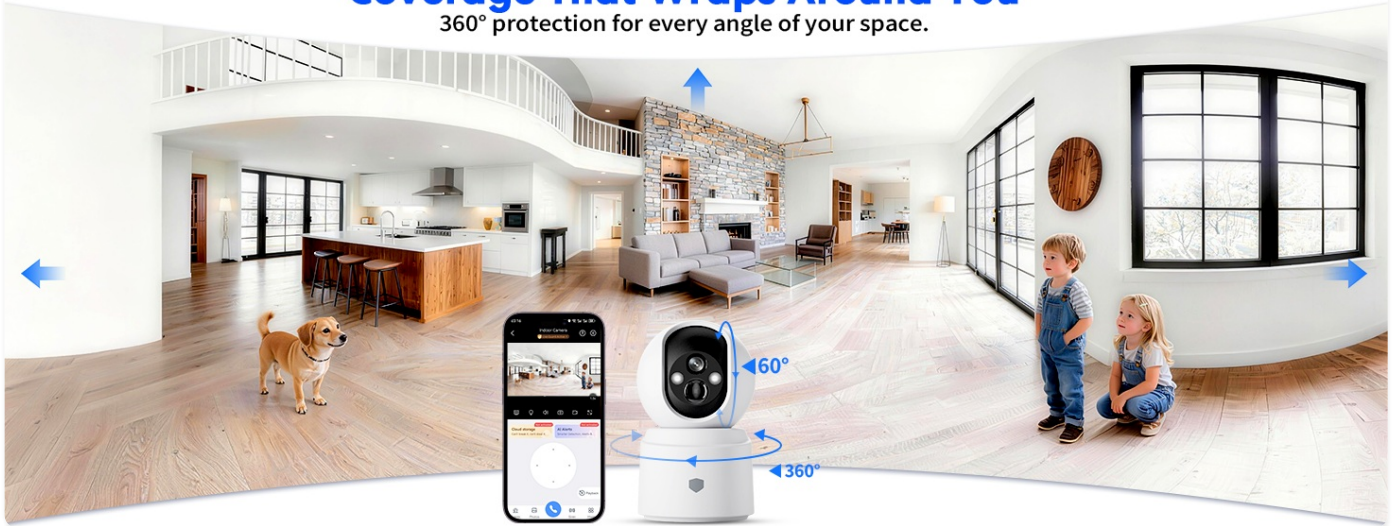


Image 3.3: Shows the camera's support for Wi-Fi 6 dual-band (2.4 GHz & 5 GHz) for a faster, more stable connection.

3.4 AI Human Detection & Motion Tracking

Utilizing advanced AI algorithms, the camera accurately identifies human figures, reducing false alarms from non-human movements. It sends real-time alerts to your mobile phone and supports motion tracking, automatically following moving objects to enhance home security.

Great for Remote Security Monitoring When You're Out

Just Plug In and Activate Continuous Recording Mode

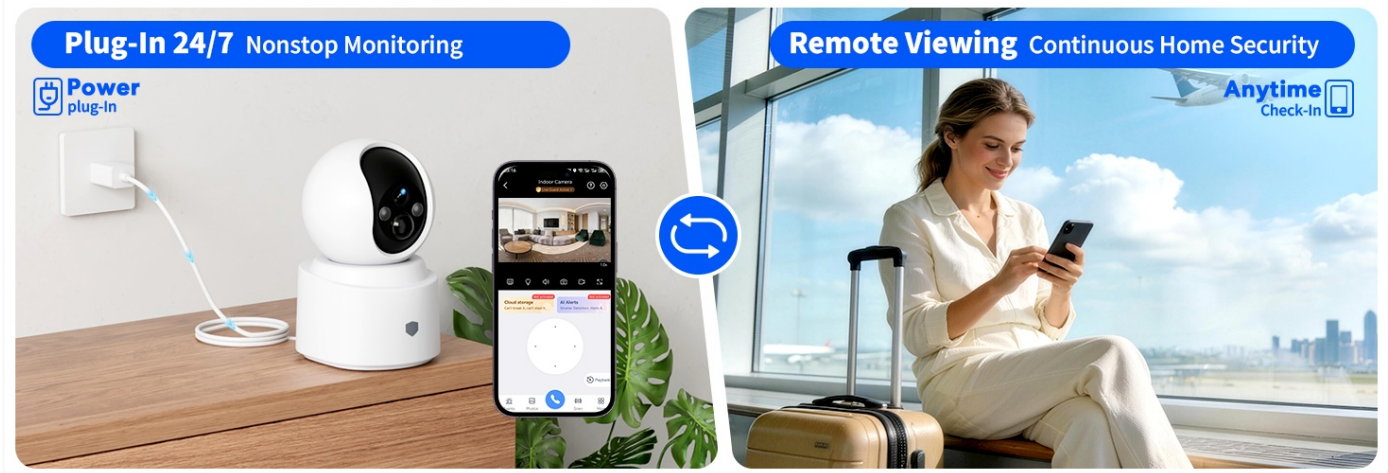


Image 3.4: Depicts the camera's PIR motion detection and auto-tracking capabilities, identifying humans and pets.

3.5 Dual Storage & 2-Way Audio Intercom

The camera offers flexible storage options, supporting local TF card storage (up to 128GB) and cloud storage for data security. A built-in high-quality microphone and speaker enable real-time two-way audio communication, ideal for interacting with family, babies, or pets.

Image 3.5: Shows the camera's support for both local TF card storage (up to 256GB) and optional cloud storage.

4. SETUP GUIDE

Follow these steps to set up your Noonkey Y880 camera:

1. **Power On the Camera:** Locate the power button at the bottom of the camera and switch it to the "ON" position.

Your browser does not support the video tag.

Video 4.1: Demonstrates turning on the camera and pressing the reset button.

2. **Reset the Camera:** Press and hold the reset button (located near the SD card slot, often under the camera lens assembly) until you hear a voice prompt indicating the camera is ready for network configuration.
3. **Enable WiFi and Bluetooth on your Phone:** Ensure both WiFi and Bluetooth are enabled on your smartphone for the app to detect the camera.
4. **Open the EseeCloud App:** Download and open the EseeCloud application from your device's app store.
5. **Add Device:** In the EseeCloud app, click the "+" sign in the upper right corner and select "Add Device". The app will scan for nearby devices.
6. **Select Your Camera:** Once the app finds your camera (e.g., "Network Device"), tap "Add This Device".
7. **Connect to WiFi:** Choose your home WiFi network (supports both 5G and 2.4GHz). Enter your WiFi password. Ensure there are no special characters or spaces in the WiFi name or password. Confirm the details.
8. **Wait for Connection:** The camera will begin connecting to the network. This process may take 1-2 minutes. Please wait patiently until the connection is successful.
9. **Complete Setup:** Once connected, you can name your device and proceed with installation and further settings within the app.



Image 4.1: Visual guide to the EseeCloud app setup process, from downloading the app to successful device connection.

5. OPERATING INSTRUCTIONS

After successful setup, you can control and monitor your camera using the EseeCloud app.

5.1 Live View and Pan/Tilt Control

Open the EseeCloud app and select your camera to access the live view. Use the on-screen controls to pan (horizontal movement) and tilt (vertical movement) the camera lens, providing a full 360-degree panoramic view of your space.



Image 5.1: Illustrates the camera's full 360-degree panoramic view, controllable via the app.

5.2 Motion Detection and Alerts

The camera features AI human detection and motion tracking. When motion is detected, especially human figures, the camera can automatically track the movement and send real-time alerts to your smartphone. You can adjust sensitivity settings within the app.

5.3 Two-Way Audio

Use the two-way audio intercom feature to communicate through the camera. Tap the microphone icon in the app to speak, and listen through the camera's speaker.

5.4 Night Vision Modes

The camera automatically switches to night vision in low-light conditions. You can choose between color night vision (if sufficient ambient light is available or spotlight is on) and infrared night vision for clear black-and-white footage in complete darkness.

5.5 Recording and Storage

Recordings can be stored locally on a TF (microSD) card (up to 128GB) or via an optional cloud storage subscription. Access recorded footage through the EseeCloud app's playback function.

6. MAINTENANCE

- **Cleaning:** Gently wipe the camera lens and body with a soft, dry cloth. Avoid using harsh chemicals or abrasive cleaners.
- **Battery Care:** For optimal battery life, avoid extreme temperatures. If using an optional solar panel, ensure it is clean and receives adequate sunlight.
- **Firmware Updates:** Regularly check the EseeCloud app for firmware updates to ensure your camera has the latest features and security enhancements.
- **Storage Management:** Periodically review and manage your stored footage. If using a TF card, ensure it has sufficient space or consider backing up important recordings.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Camera won't power on.	Battery is depleted or power switch is off.	Charge the camera using the Type-C cable. Ensure the power switch is in the "ON" position.
Unable to connect to WiFi.	Incorrect WiFi password, camera too far from router, or incorrect WiFi band.	Double-check WiFi password. Move camera closer to router. Ensure your router supports 2.4GHz or 5GHz and the camera is connecting to the correct band. Reset the camera and try again.
No motion detection alerts.	Motion detection is disabled, sensitivity is too low, or detection zone is not set correctly.	Check app settings to ensure motion detection is enabled and sensitivity is adjusted appropriately. Verify the detection zone covers the desired area.

Problem	Possible Cause	Solution
Poor video quality.	Weak WiFi signal, dirty lens, or low light conditions.	Improve WiFi signal strength. Clean the camera lens. Ensure adequate lighting or verify night vision is active.
Two-way audio not working.	Microphone/speaker permissions not granted in app, or volume too low.	Check app permissions for microphone access. Adjust volume settings in the app and on your phone.

8. SPECIFICATIONS

Feature	Detail
Brand	Noonkey
Model	Y880
Recommended Uses	Indoor Security, Pet Monitoring, Baby Monitoring
Connectivity Technology	Wireless (Bluetooth, Wi-Fi)
WiFi Standard	WiFi 6 (5G & 2.4G Dual-Band)
Special Features	360 Degree Coverage, Battery Powered, AI Human Detection, Motion Tracking, Color Night Vision, 2-Way Talk
Video Capture Resolution	4MP (1440p)
Frame Rate	15 frames per second
Power Source	Battery Powered (6000mAh), Optional Solar Charging
Storage Options	Local TF Card (up to 128GB), Cloud Storage (optional)
Compatible Devices	Smartphone, Tablet (Android, iOS)
Controller Type	App, Amazon Alexa
Item Dimensions	3.46 x 3.14 x 5.43 inches
Enclosure Material	Acrylonitrile Butadiene Styrene (ABS), Plastic

9. WARRANTY & SUPPORT

For warranty information and technical support, please refer to the warranty card included in your product packaging or visit the official Noonkey website. You can also contact Noonkey customer service directly through the EseeCloud app or their website for assistance with product issues or inquiries.

