Nkccnur C360

Nkccnur Outdoor Security Solar Camera C360 User Manual

Model: C360

Introduction

Thank you for choosing the Nkccnur Outdoor Security Solar Camera C360. This manual provides essential information for the proper installation, operation, and maintenance of your new security camera. Please read it thoroughly before use and retain it for future reference.
The Nkccnur C360 is a high-definition, solar-powered outdoor security camera featuring 1080P resolution, 355° pan-tilt rotation, full-color night vision, AI motion detection, and two-way audio communication. Its IP66 waterproof rating ensures reliable performance in various outdoor conditions.

Package Contents

Before installation, please verify that all components are present:

- Nkccnur Outdoor Security Solar Camera C360 (2 units)
- Solar Panel (integrated)
- Mounting Bracket
- Mounting Screws and Wall Plugs
- USB Charging Cable
- User Manual (this document)

Note: Specific contents may vary slightly. Refer to the product packaging for exact details.

Product Overview

Familiarize yourself with the main components of your camera.



Figure 1: Front view of the Nkccnur C360 camera with its integrated solar panel and dual antennas.



Figure 2: Dimensional view of the Nkccnur C360 camera, showing its height, width, and depth measurements for installation planning.

- **Camera Lens:** Captures 1080P HD video.
- **Infrared LEDs:** For night vision.
- **White Light LEDs:** For full-color night vision and alarm illumination.
- **Microphone:** For audio input during two-way communication.
- **Speaker:** For audio output during two-way communication and alarms.
- **PIR Sensor:** Passive Infrared sensor for motion detection.
- **Solar Panel:** Recharges the internal battery.
- **Antennas:** For Wi-Fi connectivity.
- **Reset Button:** Used for factory reset or pairing mode.
- **SD Card Slot:** For local video storage (supports up to 128GB).

Setup

1. Initial Charging

Before first use, fully charge the camera's internal battery using the provided USB cable and a 5V/2A power adapter (not included). This ensures sufficient power for initial setup, especially if solar charging conditions are not optimal.

2. App Installation

Download and install the dedicated mobile application on your smartphone. Search for "[App Name, e.g., 'Nkccnur Smart']" in the Apple App Store or Google Play Store, or scan the QR code provided in the quick start guide.

3. Camera Pairing

1. Open the app and create an account or log in.
2. Tap the "+" icon to add a new device.
3. Select "Security Camera" or "Solar Camera" from the device list.
4. Follow the on-screen instructions to power on the camera and put it into pairing mode (usually indicated by a flashing LED). You may need to press the reset button.
5. Connect your smartphone to a 2.4GHz or 5GHz Wi-Fi network (the camera supports dual-band Wi-Fi).
6. Scan the QR code displayed on your phone screen with the camera lens. Hold the phone approximately 15-20 cm (6-8 inches) from the camera.
7. Once connected, the camera will confirm with an audible prompt. Name your camera and complete the setup.

4. Mounting Location Selection

Choose a location that provides:

- Optimal sunlight exposure for the solar panel throughout the day.
- A clear view of the area you wish to monitor.
- Good Wi-Fi signal strength.
- A sturdy surface for mounting.



Figure 3: The solar panel ensures continuous operation, eliminating the need for external power cables.

5. Physical Installation

1. Position the mounting bracket against the desired surface and mark the drill holes.
2. Drill holes and insert wall plugs if mounting on masonry.
3. Secure the mounting bracket with the provided screws.
4. Attach the camera to the mounting bracket, ensuring it is firmly in place.

5. Adjust the angle of the solar panel to maximize sun exposure.



Figure 4: The camera's IP66 rating ensures durability against dust and water, suitable for all weather conditions.

Operating Instructions

1. Live View and Pan-Tilt Control

Open the app and select your camera to access the live video feed. Use the on-screen controls to pan (horizontal rotation up to 355°) and tilt (vertical movement) the camera lens to adjust your viewing angle.

2. Night Vision Modes

The camera automatically switches to night vision in low-light conditions. It supports:

- **Infrared Night Vision:** Provides clear black and white video in complete darkness.
- **Full-Color HD Night Vision:** Activates white light LEDs to provide color video at night when motion is detected or manually enabled.



Figure 5: Illustrates the clarity of HD night vision, providing detailed surveillance even in darkness.

3. AI Motion Detection and Alarms

The camera features intelligent PIR motion detection. When motion is detected, the camera will:

- Send real-time notifications to your smartphone.
- Record video footage of the event.
- Trigger an audio-visual alarm (siren and flashing lights) if enabled in the app settings.



Figure 6: AI-powered smart motion detection alerts you to abnormal activity in the monitored zone.

4. Two-Way Audio Communication

Utilize the built-in microphone and speaker for real-time, full-duplex two-way audio. Tap the microphone icon in the live view to speak through the camera, and listen to audio from the camera's vicinity.

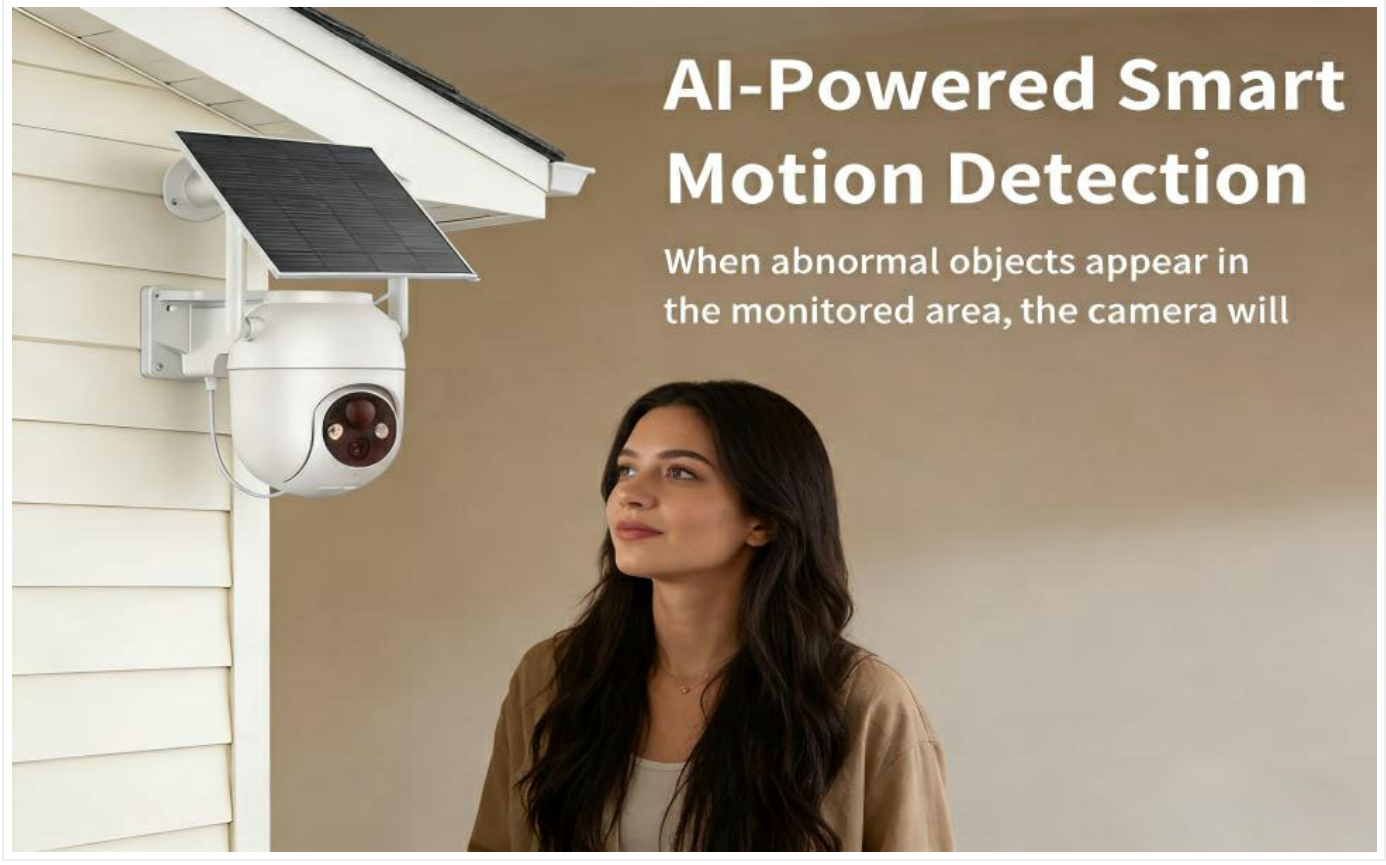


Figure 7: Real-time voice intercom allows communication with individuals near the camera.

5. Video Recording and Storage

The camera supports local storage via a microSD card (up to 128GB, not included) and cloud storage (subscription may be required). Recorded footage can be accessed and managed through the mobile app.

Maintenance

- **Cleaning:** Regularly wipe the camera lens and solar panel with a soft, damp cloth to ensure clear vision and efficient solar charging. Do not use harsh chemicals.
- **Firmware Updates:** Check the app periodically for firmware updates to ensure optimal performance and security.
- **Battery Health:** Ensure the solar panel receives adequate sunlight to maintain battery charge. In prolonged periods of low sunlight, consider manually charging the camera via USB.
- **Wi-Fi Connection:** Periodically check the Wi-Fi signal strength in the app to ensure a stable connection.

Troubleshooting

Problem	Possible Cause	Solution
Camera not powering on.	Low battery; power issue.	Charge the camera fully using the USB cable. Ensure the solar panel is receiving direct sunlight.
Unable to connect to Wi-Fi.	Incorrect Wi-Fi password; weak signal; wrong frequency band.	Verify Wi-Fi password. Ensure camera is within Wi-Fi range. Confirm your router supports 2.4GHz/5GHz and the camera is connecting to the correct band. Try resetting the camera and re-pairing.
Motion detection not working.	PIR sensor blocked; sensitivity settings too low; detection zone not configured.	Clear any obstructions from the PIR sensor. Adjust motion detection sensitivity in the app. Configure detection zones if available.
Poor video quality at night.	Lens dirty; insufficient ambient light for color night vision; IR LEDs obstructed.	Clean the camera lens. Ensure no obstructions block the IR or white light LEDs. Check app settings for night vision mode.
Two-way audio not functioning.	Microphone/speaker blocked; app permissions; volume settings.	Ensure microphone and speaker are not obstructed. Check app permissions for microphone access. Adjust volume settings in the app and on your phone.

Specifications

Feature	Detail
Model Name	Outdoor Security Solar Camera
Model Number	C360
Brand	Nkccnur
Connectivity Technology	Wireless (Dual-band Wi-Fi 2.4GHz/5GHz)

Feature	Detail
Video Capture Resolution	1296p (1080P Full HD)
Pan-Tilt Rotation	355° Pan, Vertical Tilt
Night Vision	Full-Color HD Night Vision, Infrared Night Vision
Motion Detection	AI Motion Detection, PIR Sensor
Audio	Two-Way Audio, Dual-Array Microphones, Noise Reduction
Alarm System	Integrated Audio-Visual Alarm
Power Source	Solar Powered, Lithium-Ion Battery (5200 mAh)
Wattage	18.72W
Ingress Protection (IP) Rating	IP66 (Dustproof and Waterproof)
Storage	MicroSD Card (up to 128GB), Cloud Storage (optional)
Indoor/Outdoor Usage	Outdoor
Material	Plastic
Item Dimensions (L x W x H)	6.89 x 11.81 x 10.24 inches
Item Weight	3.3 pounds
Number of Items	2 (in this package)

Warranty Information

Nkccnur products are covered by a limited warranty from the date of purchase. For specific warranty terms, conditions, and duration, please refer to the warranty card included in your product packaging or visit the official Nkccnur website. This warranty typically covers manufacturing defects but does not cover damage caused by misuse, accidents, unauthorized modifications, or improper installation.

Customer Support

If you encounter any issues or have questions regarding your Nkccnur Outdoor Security Solar Camera C360, please contact our customer support team:

- **Email:** support@nkccnur.com
- **Phone:** 1-800-XXX-XXXX
- **Website:** Visit the Nkccnur Store on Amazon
- **In-App Support:** Check the "Help" or "Support" section within the mobile application.

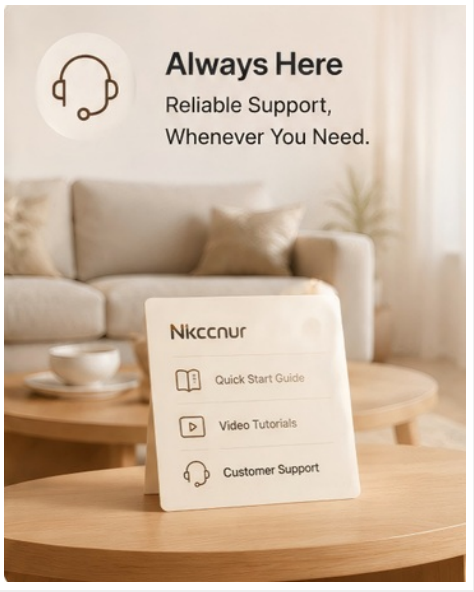


Figure 8: Nkccnur provides various support resources including quick start guides, video tutorials, and direct customer assistance.

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Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question