Nexxt Solutions NHC-F6102K

NEXXT Smart Wi-Fi Floodlight Camera User Manual

Model: NHC-F6102K | Brand: Nexxt Solutions

1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Nexxt Solutions Smart Wi-Fi Floodlight Camera (Model NHC-F6102K). This outdoor security camera features powerful 2500 lumens floodlights, 2K video resolution, 150° view, weather resistance, advanced motion detection, and night vision, all controllable via a mobile application. Please read this manual thoroughly before use to ensure proper functionality and safety.

Image 1.1: Nexxt Solutions Smart Wi-Fi Floodlight Camera and its accompanying mobile application interface.

2. SAFETY INFORMATION

- **Electrical Safety:** Installation must be performed by a qualified electrician or in accordance with local electrical codes. Ensure power is disconnected at the circuit breaker before installation.

- **Outdoor Use:** This device is rated IP65 for outdoor use, providing protection against dust and water jets. Do not submerge the device in water.

- **Mounting:** Mount the camera securely to a stable surface to prevent it from falling.

- **Operating Temperature:** Refer to specifications for the recommended operating temperature range.

- **Interference:** Avoid placing the camera near sources of strong electromagnetic interference.

3. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- Smart Floodlight Wi-Fi® Camera
- Mounting Plate
- Two Plate Screws
- Two Bracket Screws
- Ground Screw
- Weatherproof Gasket
- Warning Stickers
- Installation Manual (this document)

4. PRODUCT OVERVIEW

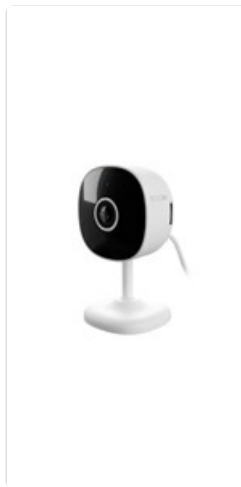Familiarize yourself with the components of your Smart Floodlight Camera:

Image 4.1: Key components of the Smart Floodlight Camera.

- **External Lights:** Two adjustable floodlights providing 2500 lumens of illumination.
- **Night Vision:** Integrated IR LEDs for clear monitoring in low-light conditions.
- **Speaker:** For two-way audio communication and siren functionality.
- **Motion Sensor:** PIR (Passive Infrared) sensor for detecting thermal motion.
- **Lens:** 2K resolution camera lens with a 150° field of view.
- **Micro-SD Card Slot:** For local video storage (Micro-SD card not included).

5. INSTALLATION

5.1 Pre-Installation Checklist

- Ensure you have a stable 2.4GHz Wi-Fi network at the installation location.
- Confirm the power source is compatible with the camera's requirements (Corded Electric).
- Gather necessary tools: screwdriver, drill, wire strippers, electrical tape.

5.2 Mounting the Camera

1. **Disconnect Power:** Turn off power to the existing floodlight or junction box at the circuit breaker.
2. **Remove Existing Fixture:** Carefully remove your old floodlight fixture, if applicable.

3. **Attach Mounting Plate:** Secure the provided mounting plate to the junction box using the plate screws. Ensure the plate is oriented correctly for the camera.

4. **Wire Connections:** Connect the camera's wires to your home's electrical wiring (Live, Neutral, Ground) according to local electrical codes. Use the weatherproof gasket to seal the connection.

5. **Mount Camera:** Attach the camera unit to the mounting plate using the bracket screws.

6. **Restore Power:** Turn the power back on at the circuit breaker.

Image 5.1: Product dimensions for installation planning.

Note: The camera dimensions are approximately 10 x 7.5 x 8 inches. Plan your installation location accordingly to ensure adequate space and optimal viewing angle.

6. APP SETUP AND CONNECTIVITY

6.1 Downloading the Nexxt Solutions Home App

The Nexxt Solutions Smart Wi-Fi Floodlight Camera is controlled via the Nexxt Solutions Home app, available for both iOS and Android devices.

- Search for "Nexxt Solutions Home" in the Apple App Store (for iOS) or Google Play Store (for Android).
- Download and install the application.
- Register for a new account or log in if you already have one.

6.2 Pairing the Camera with the App

1. Ensure your mobile device is connected to a 2.4GHz Wi-Fi network.

2. Open the Nexxt Solutions Home app and tap "Add Device" or the "+" icon.

3. Select "Floodlight Camera" from the list of devices.

4. Follow the on-screen instructions to connect the camera to your Wi-Fi network. This typically involves scanning a QR code displayed on your phone with the camera's lens or entering your Wi-Fi credentials.

5. Once connected, you can name your camera and begin using its features.

7. OPERATION

The Nexxt Solutions Home app provides full control over your floodlight camera's functions.

7.1 Live View and Recording

- Access live 2K HD video streaming from your camera anytime, anywhere via the app.

- Manually record video clips or capture screenshots directly from the live view interface.

- Review recorded footage stored on a Micro-SD card (if installed) or in the cloud (subscription may be required).
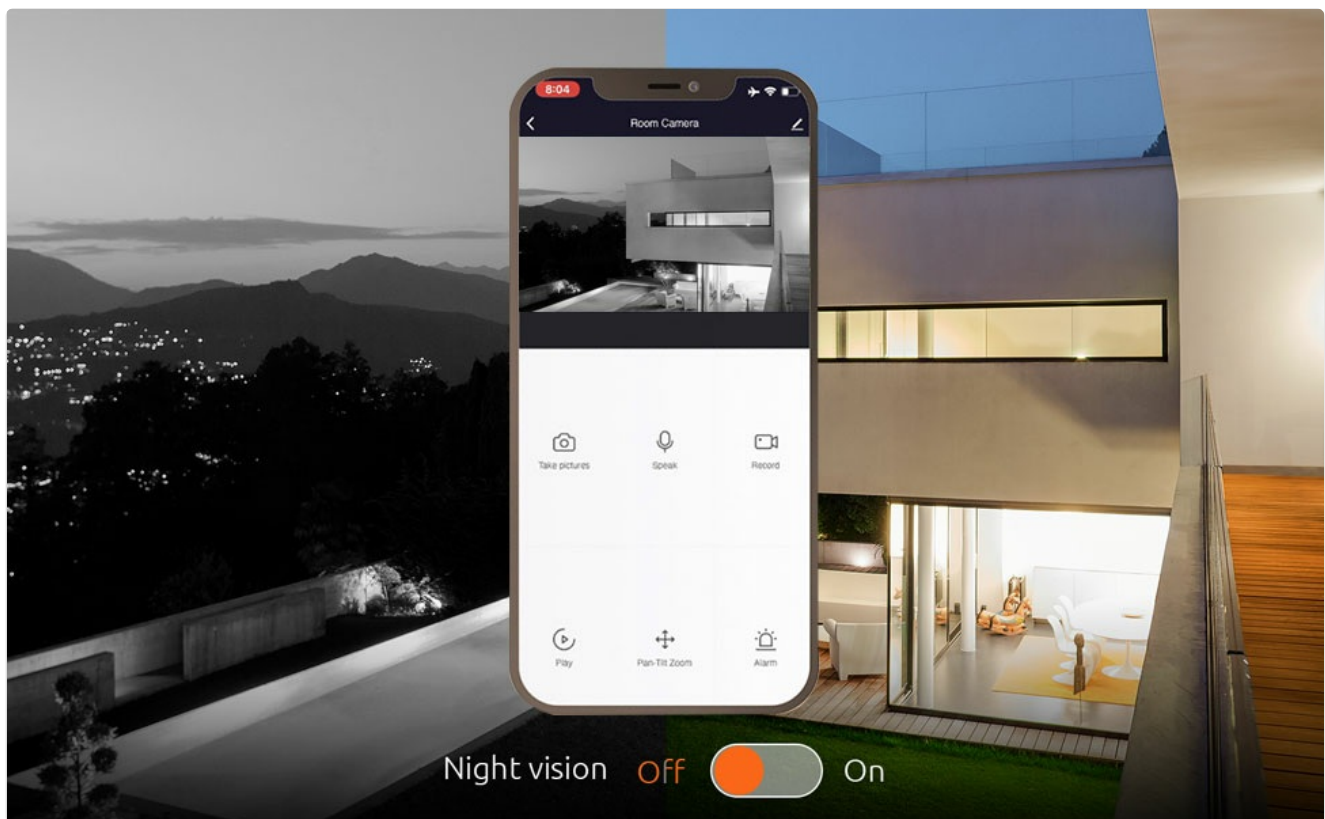

Image 7.1: The camera provides Full 2K HD Resolution for clear monitoring.

7.2 Motion Detection and Alerts

- The camera utilizes advanced PIR sensors for thermal motion detection, reducing false alarms.

- Receive instant notifications on your phone when motion is detected within a 33ft range.

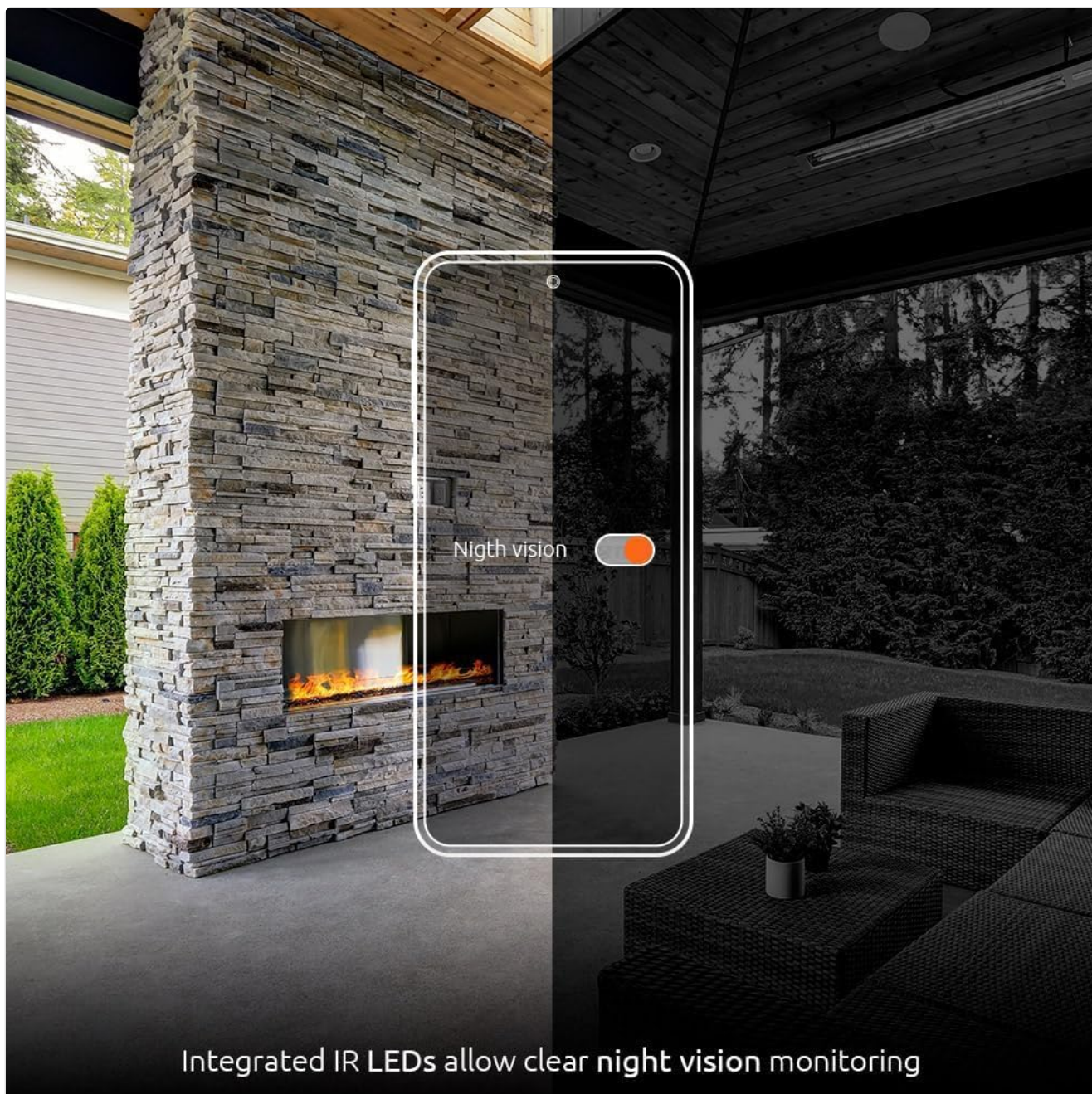- Customize motion detection zones and sensitivity settings within the app.

Image 7.2: Advanced thermal motion detection helps differentiate between subjects.

7.3 Night Vision

- Integrated infrared (IR) LEDs automatically activate in low-light conditions, providing clear black-and-white night vision up to 33 feet.
- The floodlights can also be configured to illuminate upon motion detection at night.

Image 7.3: Night vision functionality for continuous monitoring in darkness.

7.4 Two-Way Audio

- Use the built-in microphone and speaker to communicate with visitors or deter intruders from your mobile device.
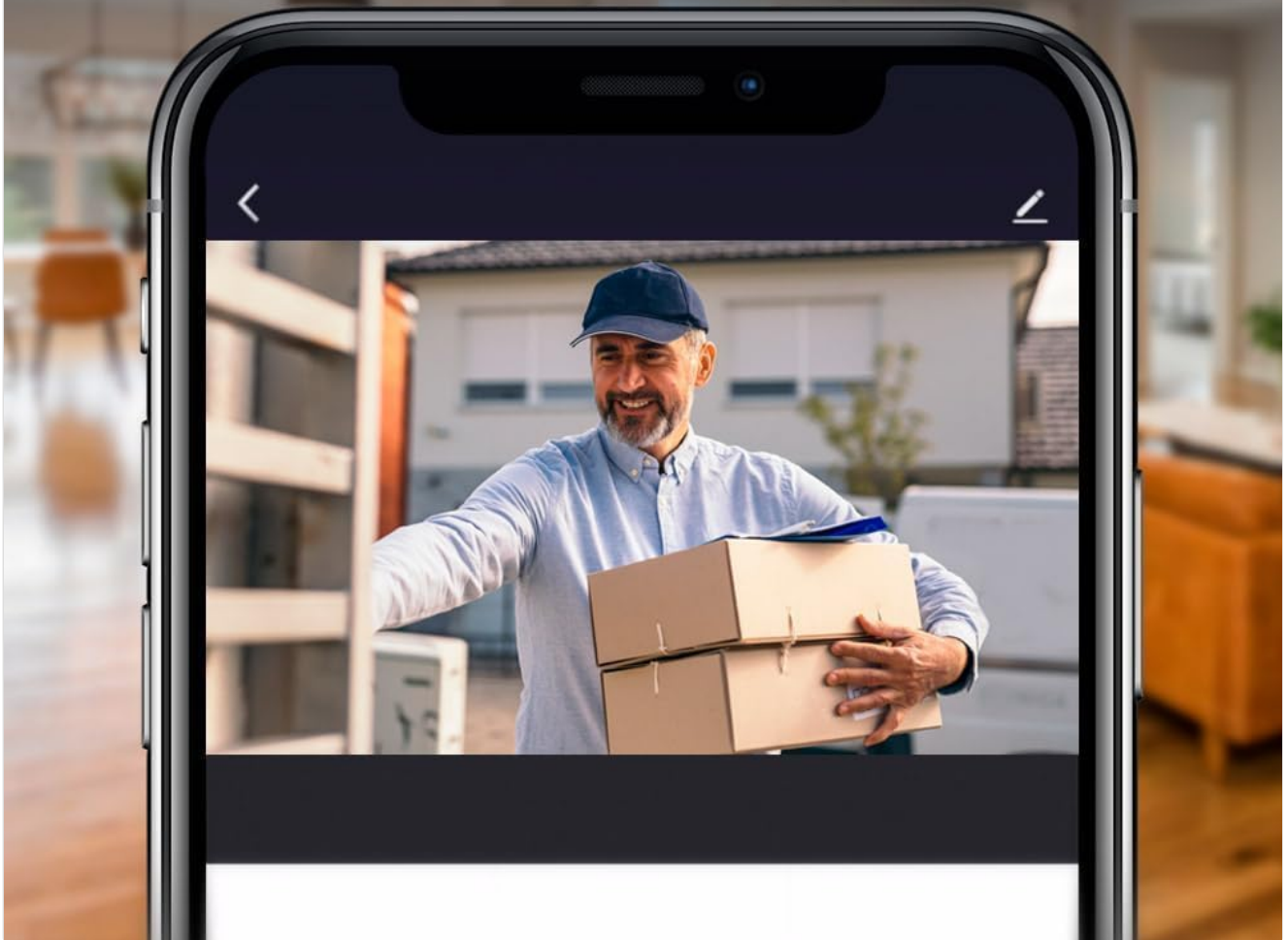
Image 7.4: Two-way communication allows interaction with individuals at your property.

7.5 Floodlight Control

- Manually turn the 2500 lumens floodlights on or off via the app.
- Set schedules for the floodlights or link them to motion detection events.

7.6 Smart Home Integration

- The camera is compatible with Amazon Alexa and Google Assistant, allowing for voice control of certain functions.
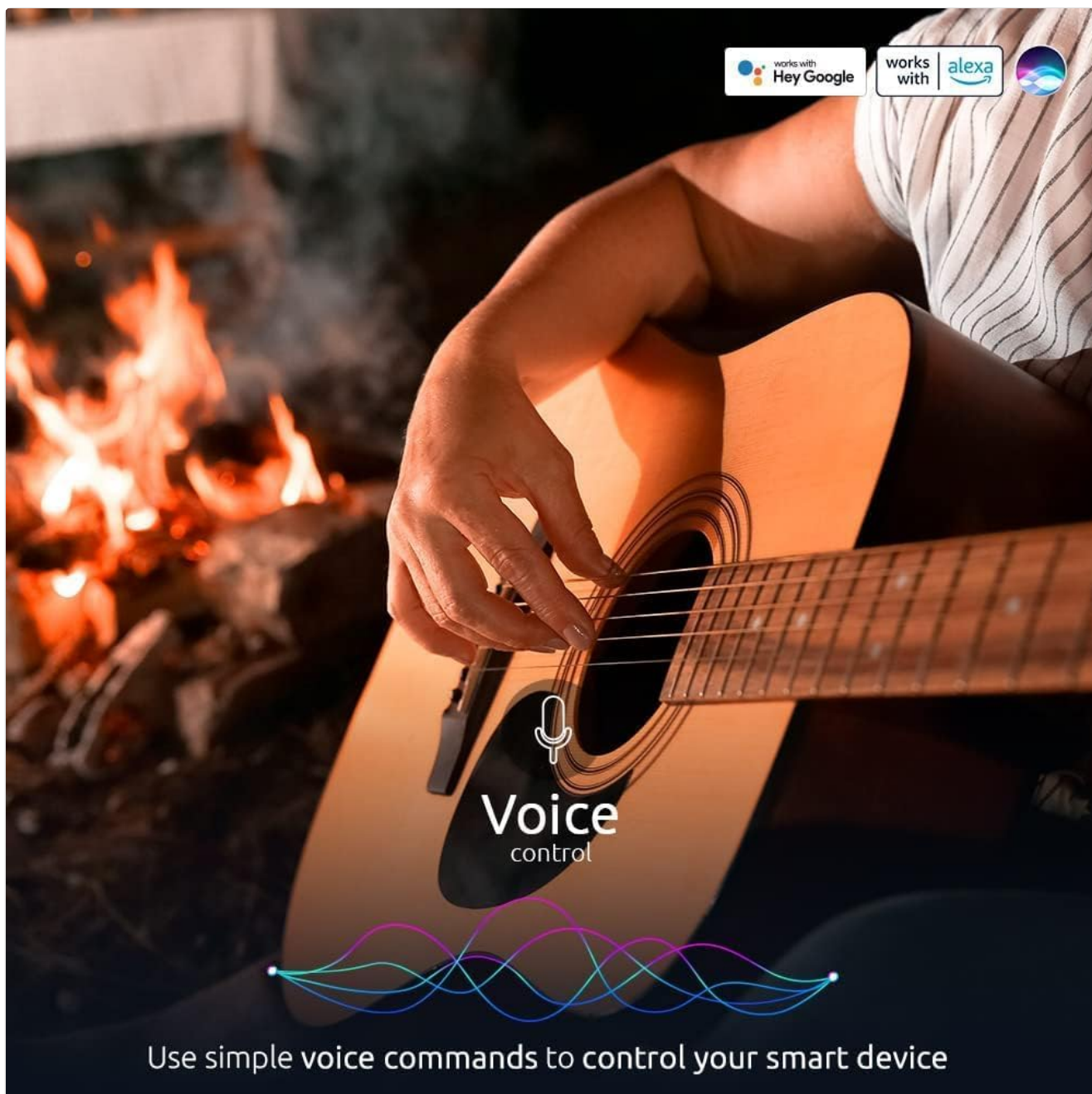- Refer to the Nexxt Solutions Home app for specific integration instructions.

Image 7.5: Control your floodlight camera using voice commands with compatible smart assistants.

8. MAINTENANCE

- **Cleaning:** Periodically clean the camera lens and floodlight covers with a soft, damp cloth to ensure clear vision and optimal light output. Do not use harsh chemicals or abrasive materials.

- **Weather Resistance:** The IP65 rating ensures protection against dust and water. However, regularly inspect the mounting and wiring for any signs of wear or damage, especially after severe weather conditions.

- **Firmware Updates:** Keep the camera's firmware updated through the Nexxt Solutions Home app to ensure optimal performance and access to new features.

9. TROUBLESHOOTING

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Camera not connecting to Wi-Fi	Incorrect Wi-Fi password; 5GHz Wi-Fi network; weak signal; camera too far from router.	Ensure correct 2.4GHz Wi-Fi password. Move camera closer to router or use a Wi-Fi extender. Restart router and camera.
No motion detection alerts	Motion detection disabled; sensitivity too low; incorrect detection zone settings.	Check app settings to enable motion detection and adjust sensitivity/zones. Ensure camera lens is clean.
Poor video quality	Dirty lens; weak Wi-Fi signal; insufficient bandwidth.	Clean the camera lens. Improve Wi-Fi signal strength. Reduce video quality settings in the app if bandwidth is limited.
Floodlights not turning on	Power issue; app settings; light sensor blocked.	Check power connection. Verify floodlight settings in the app (manual control, schedules, motion link). Ensure the light sensor is not obstructed.

10. SPECIFICATIONS

Feature	Detail
Model Name	NexxtHome - Outdoor Flood Light Camera 2K (NHC-F6102K)
Brand	Nexxt Solutions
Indoor/Outdoor Usage	Outdoor
Power Source	Corded Electric
Connectivity Technology	Wireless (Wi-Fi 2.4GHz)
Video Capture Resolution	1920p (2K)
Field of View	150°
Night Vision Range	33 Feet
Floodlight Lumens	2500 Lumens
Motion Detection	PIR (Thermal Motion) up to 33ft
International Protection Rating	IP65 (Weather Resistant)
Compatible Devices	iPhone, Android
Controller Type	Amazon Alexa, Google Assistant
Mounting Type	Wall Mount
Product Dimensions (L x W x H)	10 x 7.5 x 8 inches
Item Weight	3.1 pounds
UPC	798302058163

11. WARRANTY AND SUPPORT

Nexxt Solutions products are designed to provide reliable performance. For specific warranty information, please refer to the warranty card included with your product or visit the official Nexxt Solutions website.

For technical support, troubleshooting assistance, or to access frequently asked questions, please visit the Nexxt Solutions support page or contact their customer service.

- **Online Support:** www.nexxtsolutions.com/support

- **Brand Store:** Nexxt Solutions Amazon Store

Related Documents

	Nexxt Solutions NHC-OP20S Smart Wi-Fi Solar Camera Outdoor PTZ | 2K QHD Security Explore the features and specifications of the Nexxt Solutions Smart Wi-Fi Solar Camera Outdoor PTZ (NHC-OP20S). This solar-powered camera offers 2K QHD resolution, PTZ motion tracking, human body filtering, IP65 weather resistance, and two-way communication for robust home security.
	Nexxt Solutions Smart Wi-Fi Camera User Guide Comprehensive user guide for the Nexxt Solutions Smart Wi-Fi Camera (NHC-O612), covering product overview, package contents, app installation, account creation, camera setup, features, settings, and troubleshooting.
	Nexxt Solutions Smart Wi-Fi Camera NHC-0630: Wire-Free HD Security Discover the Nexxt Solutions Smart Wi-Fi Camera (NHC-0630), a rugged, wire-free, battery-powered security solution with Full HD 1080p, two-way audio, motion detection, and IP65 rating. Ideal for indoor and outdoor use.
	Nexxt Solutions Smart Wi-Fi 2K Indoor Camera NHC-I710 User Guide User guide for the Nexxt Solutions Smart Wi-Fi 2K Indoor Camera (Model NHC-I710). Learn about product features, installation, app setup, and device settings.