ANNKE B0FMS4LYBZ

ANNKE Solar Wireless Security Camera System User Manual

Model: B0FMS4LYBZ

1. Introduction

This manual provides essential information for the installation, operation, and maintenance of your ANNKE Solar Wireless Security Camera System. Please read this manual thoroughly before using the product to ensure proper setup and functionality. Keep this manual for future reference.

2. Product Overview

The ANNKE Solar Wireless Security Camera System is designed for comprehensive outdoor surveillance, offering a wire-free solution powered by solar energy. Key features include:

- **5MP Home Hub:** A 4-channel hub supporting up to 4 cameras for 24/7 monitoring.
- **4MP Wireless Cameras:** Delivers Super HD resolution for clear footage.
- **100% Wire-Free Operation:** Solar-powered for flexible installation without power cables.
- **AI-Powered Human Detection:** Advanced PIR sensor reduces false alarms by accurately identifying human figures.
- **Two-Way Audio:** Built-in microphone and speaker for remote communication.
- **Color Night Vision:** Enhanced visibility in low-light conditions.
- **Local Storage:** Includes a 64GB microSD card, expandable up to 512GB, with optional cloud storage.
- **Weatherproof Design:** IP65 rated for outdoor use.
- **Dual-Band Wi-Fi:** Supports 2.4G and 5.8G for stable wireless connection.
- **Smart Home Integration:** Compatible with Alexa for voice control.

3. Package Contents

Verify that all components are present in your package:

- 1 x 5MP Home Hub (4-channel)
- 2 x 4MP Solar Wireless Bullet Cameras
- 2 x Solar Panels (integrated with cameras)

- 1 x 64GB MicroSD Card (pre-installed in hub)
- Mounting Screws and Anchors
- Power Adapter for Home Hub
- Ethernet Cable
- User Manual (this document)

4. Setup Guide

4.1 Camera Installation

The cameras are 100% wire-free and powered by integrated solar panels. Choose a location that receives ample sunlight throughout the day for optimal charging.

1. **Select Mounting Location:** Identify a spot with clear line of sight to the area you wish to monitor and sufficient direct sunlight for the solar panel.
2. **Mount the Camera:** Use the provided screws and anchors to securely attach the camera bracket to the wall or desired surface. Ensure the solar panel is angled to maximize sun exposure.
3. **Adjust Angle:** Position the camera to cover the desired surveillance area.



Figure 4.1: The ANNKE solar-powered wireless security camera with its integrated solar panel, designed for outdoor installation and continuous charging from sunlight. This setup eliminates the need for external power cables.

4.2 System Connection (Home Hub)

The Home Hub acts as the central receiver for your wireless cameras and connects to your home network.

1. **Power On Hub:** Connect the provided power adapter to the Home Hub and plug it into a power outlet.
2. **Network Connection:** Connect the Home Hub to your router using the supplied Ethernet cable, or configure it for Wi-Fi

connection via the ANNKE Sight app. The hub supports 2.4GHz and 5.8GHz dual-band Wi-Fi for stable connectivity.

3. **Pair Cameras:** Follow the instructions in the ANNKE Sight app to pair your wireless cameras with the Home Hub.

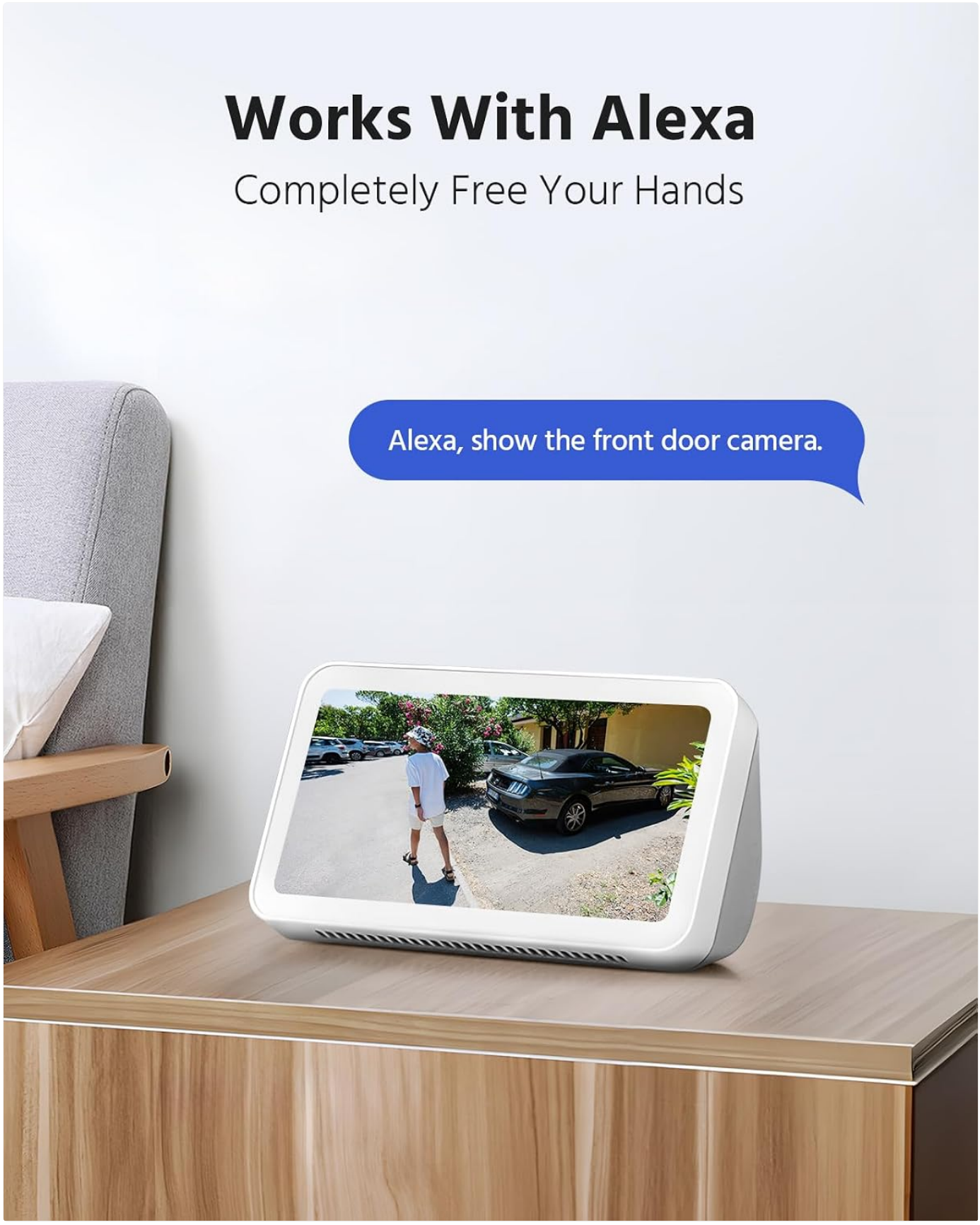


Figure 4.2: The ANNKE Home Hub, illustrating its support for both 2.4 GHz and 5 GHz dual-band Wi-Fi for a more stable and swift wireless connection to your network and cameras.

4.3 App Configuration

Download the ANNKE Sight app from your device's app store (iOS or Android) to manage your security system.

1. **Download App:** Search for "ANNKE Sight" and install the application.
2. **Create Account:** Register for a new account or log in if you already have one.
3. **Add Device:** Follow the in-app prompts to add your Home Hub and paired cameras.
4. **Customize Settings:** Configure motion detection zones, alert preferences, and recording schedules.

5. Operating Instructions

5.1 Live View & Playback

Access live camera feeds and review recorded footage through the ANNKE Sight app.

- **Live View:** Open the app and select a camera to view its real-time feed.
- **Playback:** Navigate to the playback section to review recordings stored on the microSD card or cloud.

5.2 Two-Way Audio

The cameras feature a built-in microphone and speaker for two-way communication.

- **Activate Audio:** While in live view, tap the microphone icon in the app to speak through the camera.
- **Listen:** Ensure the speaker icon is enabled to hear audio from the camera's location.



Figure 5.1: A smartphone screen demonstrating the two-way talk functionality, allowing users to communicate with individuals near the camera in real-time.

5.3 Motion Detection & Alerts

The system uses PIR and AI human detection to minimize false alarms and send instant notifications.

- **PIR Sensor:** Detects heat signatures for accurate motion sensing.
- **AI Human Detection:** Distinguishes human shapes from other moving objects.

- **Instant Alerts:** Receive push notifications on your smartphone when motion is detected.
- **Smart Alarm:** Cameras can activate a spotlight and siren upon detection.

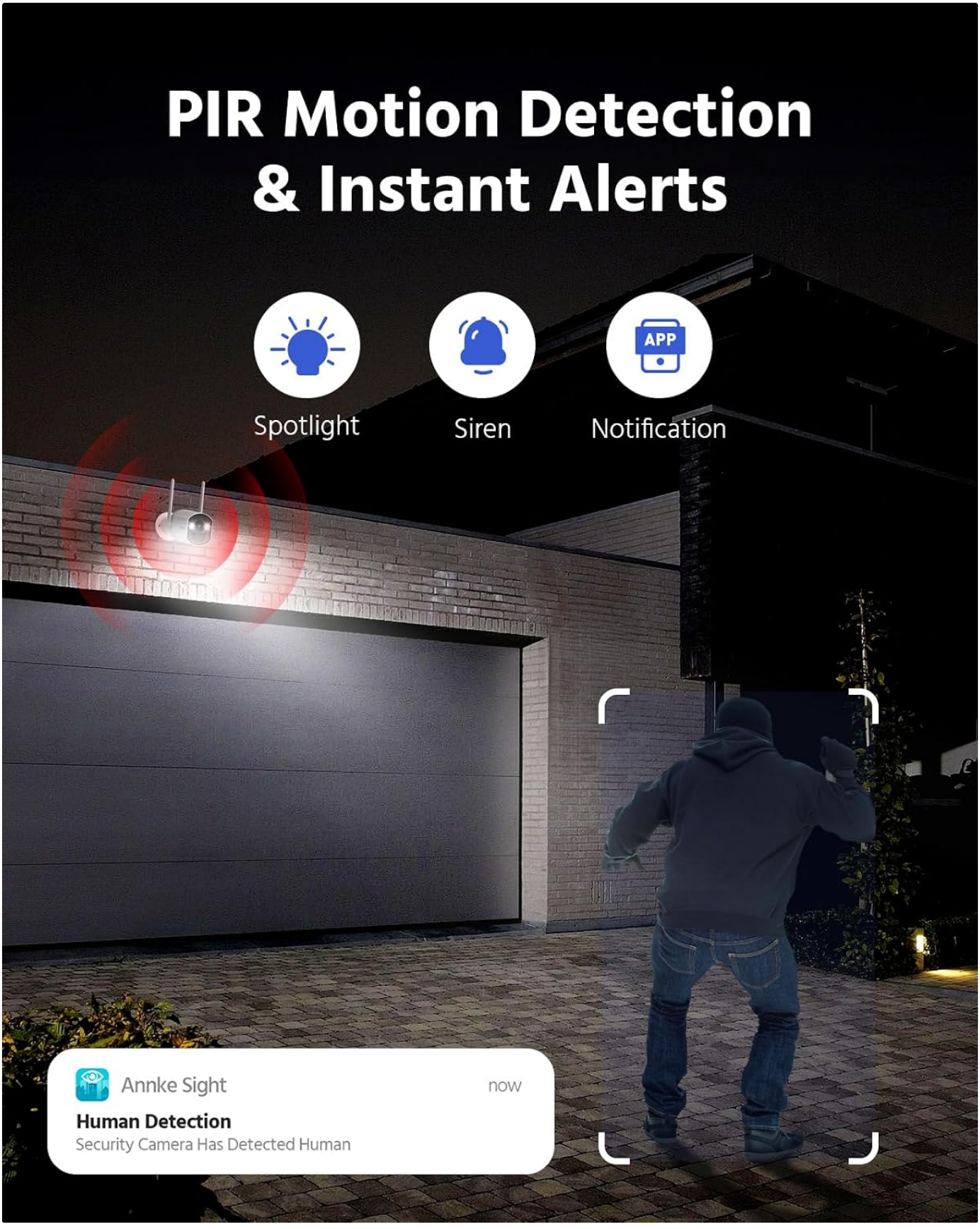


Figure 5.2: An illustration of the AI Smart Human Detection feature, highlighting how the camera identifies and focuses on human activity, reducing irrelevant alerts.

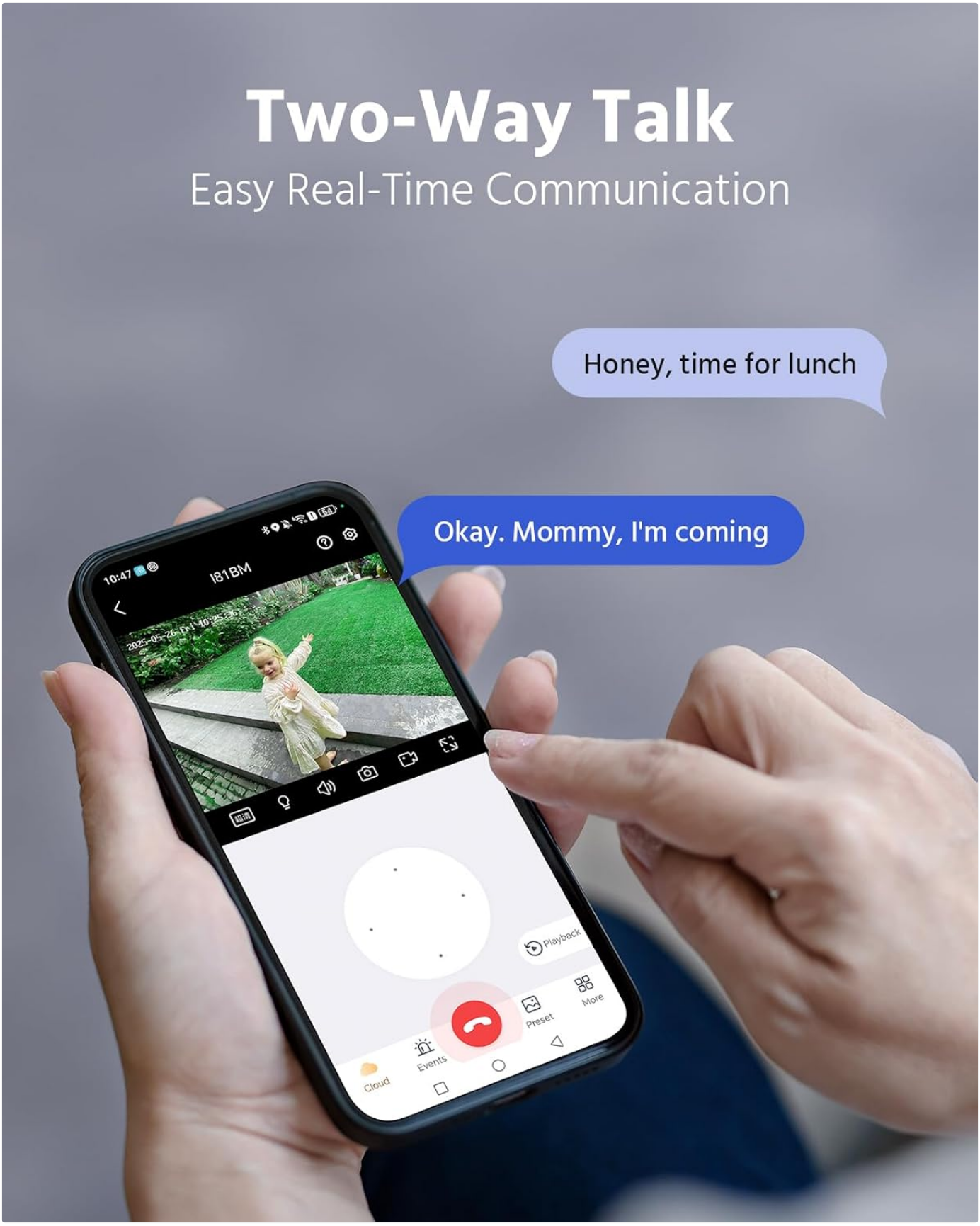


Figure 5.3: The camera's PIR motion detection system triggering a spotlight, siren, and app notification upon detecting an intruder, providing instant alerts and deterrence.

5.4 Night Vision

The cameras provide clear visibility even in complete darkness.

- **Infrared LEDs:** For standard black and white night vision up to 15 meters.
- **Color LEDs:** Enable full-color night vision up to 8 meters in low-light conditions.



Figure 5.4: A visual representation of the 2.5K Full Color Night Vision capability, showing clear and detailed images both day and night, supported by a 1/3" sensor, 4 LEDs (Infrared/Color), and a 4mm lens.

5.5 Storage Options

Your system offers flexible storage solutions for recorded footage.

- **Local Storage:** A 64GB microSD card is included, supporting up to 512GB for local video storage without monthly fees.
- **Cloud Storage:** An optional cloud storage service is available for off-site backup (subscription may be required).



Figure 5.5: The ANNKE Home Hub highlighting its storage capabilities, including 64GB local storage (expandable), support for up to 4 cameras, and optional cloud storage, emphasizing no monthly fees for local storage.

5.6 Smart Home Integration

The system is compatible with Amazon Alexa for convenient voice control.

- **Connect to Alexa:** Enable the ANNKE skill in the Alexa app and link your ANNKE account.
- **Voice Commands:** Use commands like "Alexa, show me the front door camera" to view live feeds on compatible Alexa

devices.



Figure 5.6: An Amazon Echo Show displaying a live feed from an ANNKE camera, demonstrating seamless integration with Alexa for hands-free monitoring.

6. Maintenance

Regular maintenance ensures optimal performance and longevity of your security system.

- **Cleaning:** Periodically wipe the camera lens and solar panel with a soft, damp cloth to remove dust and debris. Ensure the solar panel is clean for efficient charging.
- **Battery Management:** The solar panel continuously charges the camera's built-in 5200mAh battery. In prolonged periods of low sunlight, the battery life may decrease. Monitor battery status via the app.
- **Firmware Updates:** Check the ANNKE Sight app regularly for firmware updates. Keeping your system updated ensures the latest features and security enhancements.

7. Troubleshooting

If you encounter issues with your ANNKE security system, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Camera not connecting to Hub	Out of range; Wi-Fi interference; Hub not powered on.	Move camera closer to Hub; Check Wi-Fi signal strength; Ensure Hub is powered and connected to network. Re-pair camera via app.
Poor video quality	Dirty lens; Weak Wi-Fi signal; Insufficient light.	Clean camera lens; Improve Wi-Fi signal; Ensure adequate lighting or enable night vision.
False motion alerts	PIR sensitivity too high; Objects like trees or animals triggering sensor.	Adjust PIR sensitivity in app; Configure motion detection zones to exclude irrelevant areas.
Solar panel not charging	Insufficient sunlight; Dirty panel; Obstruction.	Relocate camera to a sunnier spot; Clean the solar panel; Remove any obstructions.
Two-way audio not working	Microphone/speaker disabled in app; Volume too low.	Check app settings to ensure microphone and speaker are enabled and volume is adequate.

For further assistance, please contact ANNKE customer support.

8. Specifications

Detailed technical specifications for the ANNKE Solar Wireless Security Camera System:

Component	Specification
Home Hub	
IP Video Input	4CH Wireless IP
Max Recording Resolution	Up to 5M (2880x1620)
Max Playback Resolution	Up to 5M (2880x1620)
Max Playback Channel	1CH
Micro SD Card Support	Up to 512GB (64GB included)
Wireless Antenna	Built-in, IEEE802.11b/g/n/ac/ax
Network Interface	Wireless + RJ45 (10/100M)
Wireless Standards	2.4G & 5.8G dual-band, IEEE 802.11.ax
Operating Power	DC5V
Power Consumption	5W

Component	Specification
Working Temperature	32 °F ~ 104 °F / 0 °C ~ 40 °C
Dimensions (W x H x D)	95 × 95 × 130mm
Weight	240g
Camera	
Video Resolution	4MP (2560x1440@15fps)
Image Sensor	1/3" Progressive Scan CMOS
Video Compression	H.264+
Audio Compression	G.711A
Lens	4mm
Angle of View	70°
Infrared/Color LEDs	4 (Infrared and Full Color)
Night Vision Distance	Infrared 15m / Color 8m
Built-in Battery	3.7V/5200mAh (2pcs 18650)
PIR Sensor Range	10 meters
Weatherproof Rating	IP65

9. Warranty and Support

ANNKE provides a limited warranty for its products. Please refer to the official ANNKE website for the most current warranty policy and terms of service.
For technical support, product inquiries, or warranty claims, please contact ANNKE customer service through their official website or the contact information provided in the ANNKE Sight app.

- **Online Support:** Visit the ANNKE official website for FAQs, troubleshooting guides, and support resources.
- **Email Support:** Contact the support team via email for detailed assistance.
- **In-App Support:** Access support features directly within the ANNKE Sight application.

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