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> [Ctronics 2K 3MP Wi-Fi Indoor Surveillance Camera CTIPC-920C-P2 User Manual](#)

Ctronics CTIPC-920C-P2

Ctronics 2K 3MP Wi-Fi Indoor Surveillance Camera

Model: CTIPC-920C-P2 User Manual

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Ctronics 2K 3MP Wi-Fi Indoor Surveillance Camera (Model CTIPC-920C-P2). This wireless, battery-powered camera offers flexible surveillance for various indoor environments, featuring 2K 3MP resolution, infrared night vision, smart PIR motion detection, and two-way audio communication.

2. SAFETY INFORMATION

Please read and follow all safety instructions carefully to prevent damage to the device or personal injury.

- Use only the specified power adapter and charging cable.
- Do not expose the camera to extreme temperatures, humidity, or direct sunlight.
- Keep the camera away from water and other liquids. This product is not waterproof.
- Do not attempt to disassemble or repair the camera yourself. Contact customer support for assistance.
- Ensure the camera is installed securely to prevent it from falling.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- Ctronics 2K 3MP Wi-Fi Indoor Surveillance Camera
- Mounting Bracket/Support
- USB Charging Cable
- User Manual (this document)
- Screws and Wall Plugs (if applicable for mounting)

4. PRODUCT OVERVIEW

Familiarize yourself with the main components of your camera.

100% Wire-Free, Battery Powered

Place It Anywhere - No Cables, No Hassle

5000

mAh



Image 4.1: The Ctronics indoor camera, highlighting its 100% wire-free and battery-powered design with a 5000mAh battery capacity. This allows for flexible placement without the need for power cables.

The camera features a compact dome design, equipped with a lens, infrared LEDs for night vision, a microphone, a speaker for two-way audio, and a reset button. It is designed for easy placement on flat surfaces or ceiling mounting using the provided bracket.

5. SETUP AND INSTALLATION

5.1 Charging the Camera

Before initial use, fully charge the camera's built-in rechargeable Lithium-ion battery using the provided USB cable and a compatible 5V power adapter. The charging indicator light will typically change color or turn off when fully charged.

5.2 App Installation

Download the official Ctronics Pro app or HiP2P Client software to your smartphone, tablet, or PC. Search for "Ctronics Pro" in your device's app store (Google Play Store or Apple App Store) or visit the official Ctronics website for PC client downloads.

Beyond Mobile-PC Access Included



Ctronics Pro



HiP2P Client



Image 5.1: Accessing the camera feed via the Ctronics Pro mobile app and HiP2P Client on a PC, demonstrating multi-device compatibility.

5.3 Connecting to Wi-Fi

1. Open the Ctronics Pro app and create an account or log in.
2. Tap the "+" icon to add a new device.
3. Follow the on-screen instructions to connect the camera to your 2.4GHz Wi-Fi network. This usually involves scanning a QR code generated by the app with the camera lens.

4. Ensure your camera is within range of your Wi-Fi router for a stable connection.

5.4 Mounting the Camera

The camera's 100% wire-free design allows for flexible placement. You can place it on a shelf, table, or mount it to a ceiling using the included support bracket. No drilling is required for tabletop placement.



Image 5.2: Examples of flexible camera placement in different indoor environments, demonstrating its readiness for use anywhere.

6. OPERATING INSTRUCTIONS

6.1 Live View and Recording

Once connected, open the app to view the live feed from your camera. The camera records in 2K 3MP resolution, providing clear and stable video. You can manually record video or capture screenshots directly from the app.

Smooth & Sharp in 2K

Infrared Night Vision up to **20m** with **4x** Digital Zoom



Image 6.1: Demonstrates the camera's 2K HD resolution for clear daytime footage and effective infrared night vision up to 20m.

6.2 Pan/Tilt/Zoom (PTZ) Control

Control the camera's viewing angle directly from the app. The camera supports 355° horizontal pan and 80° vertical tilt, allowing for comprehensive room coverage. Use the digital zoom feature to get a closer look at details.

6.3 Smart PIR Motion Detection

The camera features intelligent PIR (Passive Infrared) motion detection, designed to accurately detect human movement and reduce false alarms. When motion is detected, you will receive instant push notifications on your connected device.

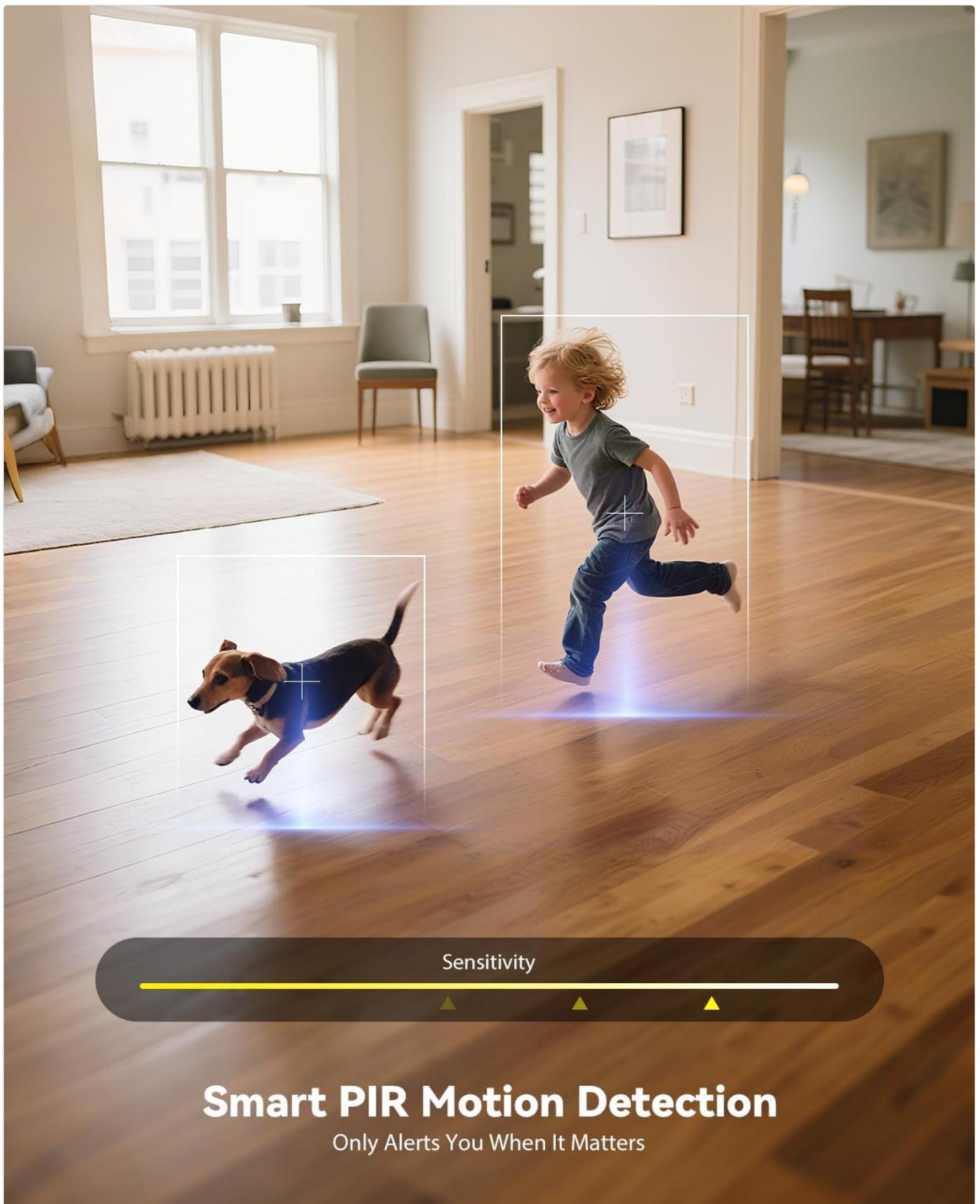


Image 6.2: Illustrates the Smart PIR Motion Detection feature, which only alerts users when relevant motion is detected, such as a person or pet.

You can adjust the motion detection sensitivity settings within the app to suit your environment and preferences.

6.4 Infrared Night Vision

The camera is equipped with infrared LEDs for clear night vision up to 20 meters. This feature operates discreetly without bright white light, making it ideal for monitoring nurseries, pet areas, or elderly care without disturbance.

6.5 Two-Way Audio

Utilize the built-in microphone and speaker for two-way communication. You can listen to what's happening in the camera's vicinity and speak through the camera to interact with family members or pets.

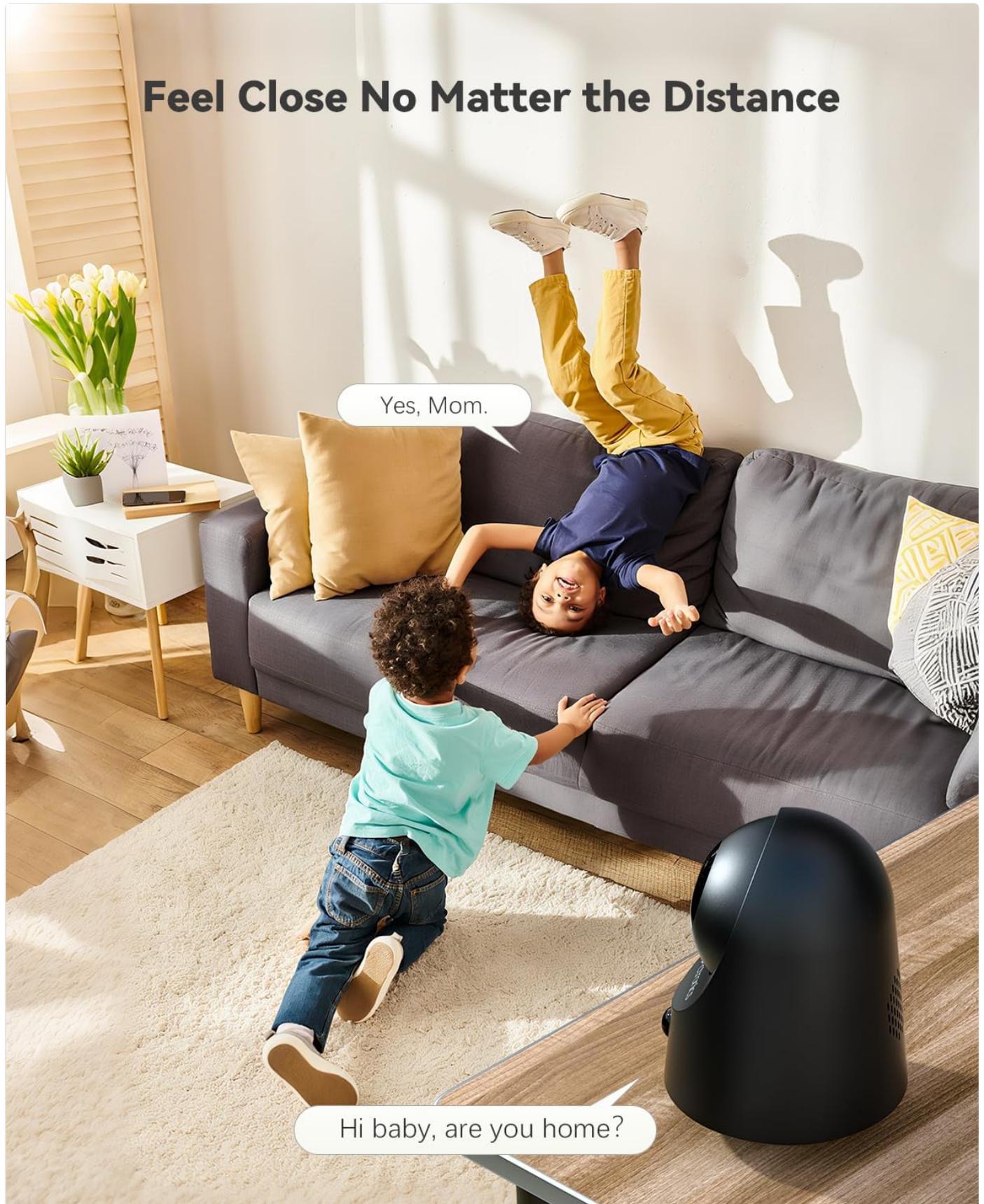


Image 6.3: Depicts the two-way audio function, allowing users to communicate with individuals near the camera, fostering a sense of closeness.

6.6 Storage Options

The camera supports multiple storage methods for your footage:

- **Micro SD Card:** Supports up to 128GB Micro SD card (not included). Insert the card into the designated slot on the camera.
- **Cloud Storage:** Optional cloud storage service available through the Ctronics Pro app for secure, remote backup of your recordings.
- **FTP:** Configure FTP settings in the app to upload recordings to an FTP server.

Keep Your Footage Safe Your Way



Image 6.4: Highlights the flexible storage options available, including cloud, local 128GB SD card, and FTP, to keep your footage safe.

6.7 Custom Alarm Sounds

Personalize your camera's alarm responses by setting custom alarm sounds through the app. This allows you to choose specific alerts that fit your lifestyle or preferences.

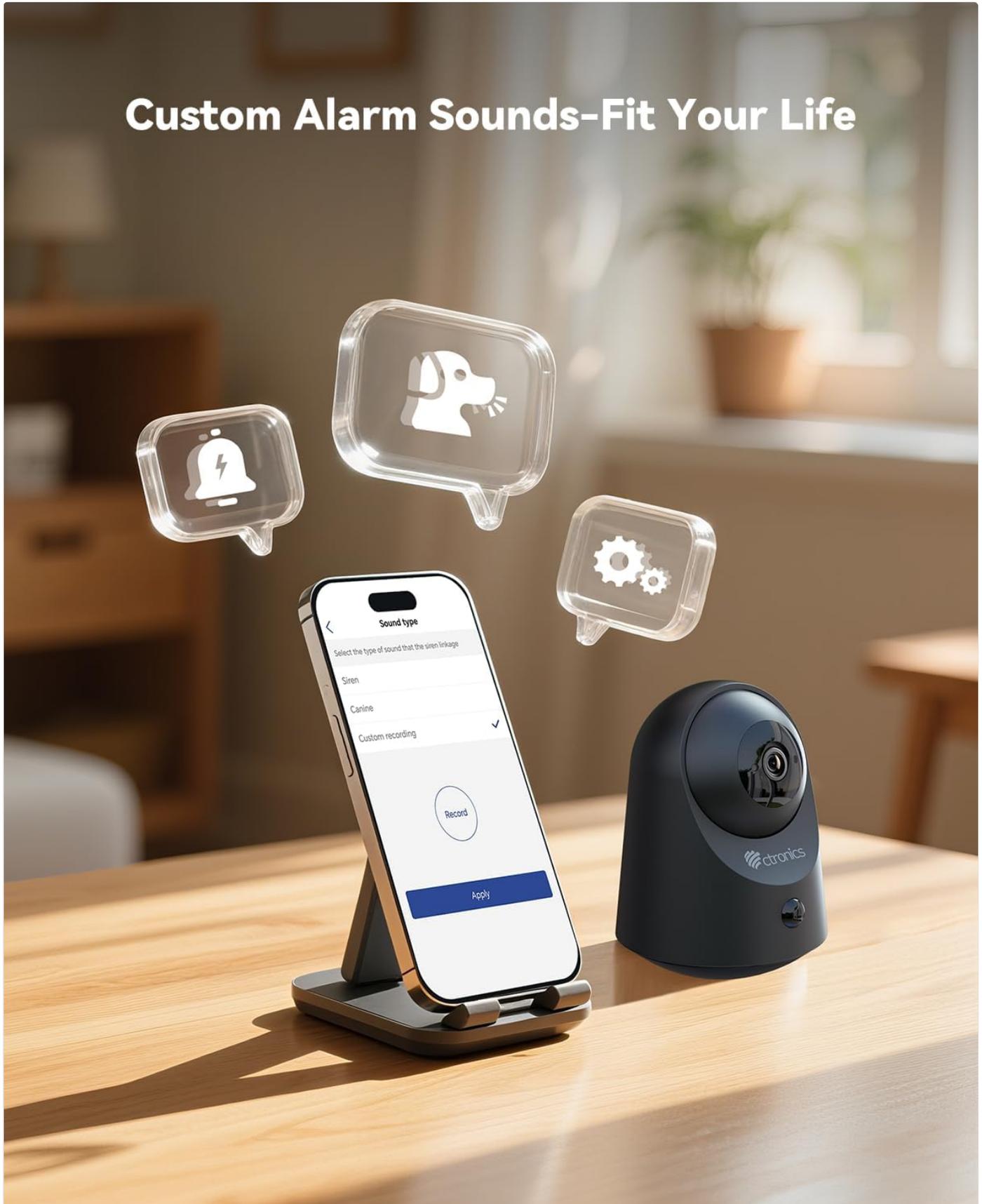


Image 6.5: Demonstrates the ability to customize alarm sounds via the app, allowing users to tailor alerts to their specific needs.

7. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the camera lens and body. Do not use liquid cleaners or aerosols.
- **Battery Care:** For optimal battery life, avoid fully discharging the battery frequently. Recharge the camera when the battery level is low.
- **Firmware Updates:** Regularly check the Ctronics Pro app for available firmware updates to ensure your camera has the latest features and security enhancements.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Camera won't power on.	Low battery or faulty charging cable/adaptor.	Charge the camera for several hours. Try a different USB cable or power adapter.
Cannot connect to Wi-Fi.	Incorrect Wi-Fi password, camera too far from router, or 5GHz Wi-Fi network.	Ensure correct 2.4GHz Wi-Fi password. Move camera closer to router. Reset camera and try pairing again.
Poor video quality.	Weak Wi-Fi signal, dirty lens, or low light conditions.	Improve Wi-Fi signal strength. Clean the camera lens. Ensure adequate lighting or verify night vision is active.
Motion detection not working or too many false alarms.	Incorrect sensitivity settings, camera placement, or environmental factors.	Adjust PIR sensitivity in the app. Ensure camera is placed to minimize unwanted triggers (e.g., moving branches, direct sunlight).
Two-way audio not functioning.	Microphone/speaker muted in app, or network issues.	Check app settings to ensure audio is enabled. Verify stable internet connection.

9. SPECIFICATIONS

Feature	Detail
Model Number	CTIPC-920C-P2
Resolution	2K 3MP (2304x1296P)
Connectivity	Wi-Fi (2.4GHz), Bluetooth
Power Source	Built-in rechargeable Lithium-ion battery
Voltage	5 Volts
Power Consumption	5 Watts
Pan/Tilt Range	Pan 355°, Tilt 80°
Night Vision Range	Up to 20 meters (Infrared)
Motion Detection	Smart PIR Human Motion Detection
Audio	Two-Way Audio
Storage Options	Micro SD (up to 128GB), Cloud Storage, FTP

Feature	Detail
Dimensions (L x W x H)	11 x 10 x 7 cm
Weight	544.31 grams (1.2 pounds)
Material	Acrylonitrile Butadiene Styrene (ABS)
Water Resistance Level	Not waterproof (Indoor use only)

10. WARRANTY AND SUPPORT

Ctronics products come with a standard manufacturer's warranty. Please refer to the warranty card included in your package or visit the official Ctronics website for detailed warranty terms and conditions.

For technical support, troubleshooting assistance, or any inquiries regarding your product, please contact Ctronics customer service through their official website or the contact information provided in the app.

Website: www.ctronics.com