

Ctronics 710-4K

Ctronics 4K Indoor Surveillance Camera Model 710-4K User Manual

Your guide to setup, operation, and maintenance.

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Ctronics 4K Indoor Surveillance Camera, Model 710-4K. Please read this manual thoroughly before using the product to ensure correct usage and optimal performance. Keep this manual for future reference.

2. PRODUCT OVERVIEW

2.1 Key Features

- **4K Ultra HD Resolution:** Captures video in stunning 4K (3840x2160) resolution for clear and detailed images.
- **AI-Powered Detection:** Intelligent detection of humans and pets, reducing false alarms.
- **Auto Tracking:** Automatically follows detected subjects within its field of view.
- **Dual-Band Wi-Fi:** Supports both 2.4 GHz and 5 GHz Wi-Fi networks for stable connectivity.
- **360° Pan & Tilt:** Offers comprehensive coverage with remote-controlled pan and tilt functions.
- **Flexible Storage Options:** Supports MicroSD card (up to 256GB), Cloud storage, NVR, NAS, and FTP.
- **Enhanced Night Vision:** Provides clear surveillance even in low-light conditions up to 20 meters.
- **Two-Way Audio:** Built-in microphone and speaker for communication.

2.2 Package Contents

Verify that all items are present in your package:

- Ctronics 4K Indoor Surveillance Camera (Model 710-4K)
- Power Adapter
- Mounting Accessories (Screws, Wall Plugs)
- User Manual (this document)

3. SETUP GUIDE

3.1 Physical Installation

The camera is designed for indoor use. Choose a location that provides the desired viewing angle and is within range of your Wi-Fi network and a power outlet.

1. **Placement:** Place the camera on a flat surface such as a table or shelf, or mount it to a wall or ceiling using the provided mounting accessories. Ensure the camera has an unobstructed view of the area you wish to monitor.
2. **Power Connection:** Connect the power adapter to the camera's power input port and then plug the adapter into a standard electrical outlet. The camera will power on and initiate its self-test.



Image: The Ctronics 4K Indoor Surveillance Camera, illustrating its compact design and 4K capability.



Image: Illustration of dual-band Wi-Fi coverage within a home, showing optimal camera placement for signal strength.

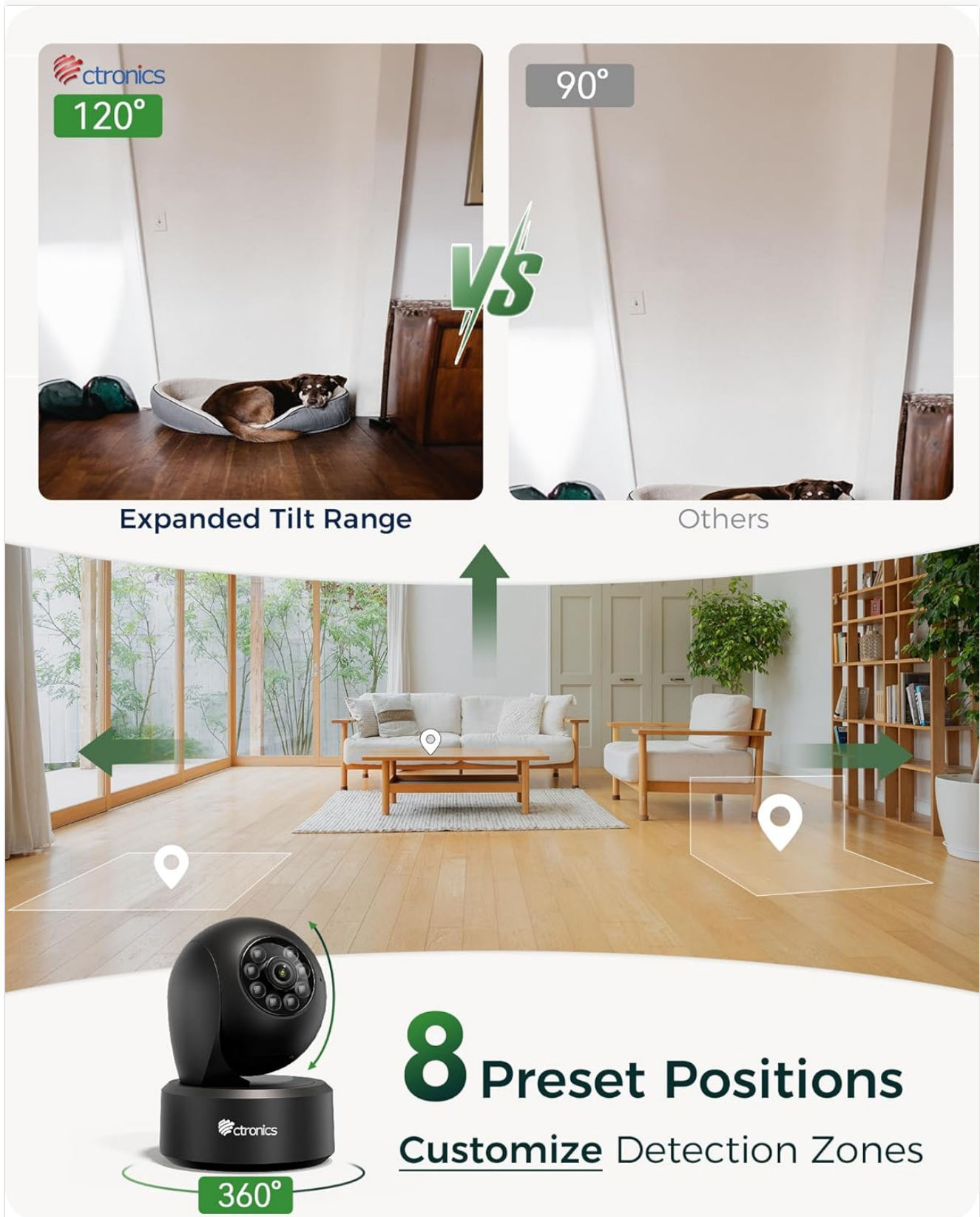
3.2 App Installation and Camera Pairing

To control and view your camera, you need to install the Ctronics Pro app on your smartphone or use the HiP2P Client on your PC.

1. **Download the App:** Search for "Ctronics Pro" in your smartphone's app store (iOS or Android) and install it. For PC, download the "HiP2P Client" from the official Ctronics website.
2. **Create an Account:** Open the app and register for a new account or log in if you already have one.
3. **Add Camera:** Follow the in-app instructions to add your camera. This typically involves scanning a QR code

on the camera or manually entering its ID.

4. **Network Configuration:** Connect the camera to your Wi-Fi network. The camera supports both 2.4 GHz and 5 GHz bands. Ensure your phone is connected to the same Wi-Fi network during the initial setup.



The image is a promotional graphic for a Ctronics camera. It features a comparison of tilt ranges at the top, with a '120°' view showing a dog in a bed and a '90°' view showing a narrower field of view. A large green 'VS' with a lightning bolt is between them. Below this is a wide-angle shot of a living room with two white location pin icons and green arrows pointing to the left and right. At the bottom left is a black Ctronics camera with a '360°' label. To the right of the camera, the text '8 Preset Positions' is displayed in large green font, followed by 'Customize Detection Zones' in a smaller, underlined green font.

Expanded Tilt Range vs **Others**

8 Preset Positions
Customize Detection Zones

Image: Depicts various management options for the camera, including iOS, Android, and Windows applications, along with the Ctronics Pro and HiP2P Client logos.

4. OPERATING INSTRUCTIONS

4.1 Live View and PTZ Control

Once connected, you can access the live video feed from your camera via the Ctronics Pro app or HiP2P Client.

- **Access Live Feed:** Select your camera from the device list in the app to view the live stream.
- **Pan and Tilt:** Use the on-screen controls to remotely pan (horizontal rotation) and tilt (vertical movement) the camera lens. The camera offers 360° horizontal coverage and an expanded tilt range.
- **Preset Positions:** Configure up to 8 preset positions for quick navigation to specific areas.

Up to
256GB



NVR NAS ONVIF

24/7



FTP



Image: Illustrates the camera's 360° pan and expanded tilt range, along with the ability to set 8 preset positions for customized detection zones.

4.2 Recording and Playback

The camera supports continuous recording, scheduled recording, and event-triggered recording.

- **Manual Recording:** Tap the record button in the live view interface to start or stop manual recording.
- **Playback:** Access recorded footage through the app's playback section. You can filter by date and event type.

4.3 Motion Detection and Alerts

The camera features advanced AI detection to identify humans and pets, minimizing irrelevant alerts.

- **Enable Detection:** Go to the camera settings in the app and enable "Human Detection" and/or "Pet Detection."
- **Sensitivity Adjustment:** Adjust the detection sensitivity to suit your environment.
- **Auto Tracking:** Activate auto tracking in the settings to have the camera automatically follow detected subjects.
- **Notifications:** Ensure push notifications are enabled in your app and phone settings to receive instant alerts.

Effortlessly Manage



Ctronics Pro



HiP2P Client

Image: Demonstrates the camera's AI detection capabilities for humans, pets, and vehicles, along with its auto-tracking function.

4.4 Storage Options

The camera offers multiple ways to store your video footage.

- **MicroSD Card:** Insert a MicroSD card (up to 256GB, not included) into the camera's card slot for local storage. The camera will automatically begin recording to the card.
- **Cloud Storage:** Subscribe to the Ctronics Cloud service for secure off-site storage. Follow the in-app instructions to activate.
- **NVR/NAS/FTP:** The camera supports ONVIF, NVR, NAS, and FTP protocols for integration with existing

surveillance systems or network storage. Refer to the app's advanced settings for configuration details.

5/2.4Ghz Wi-Fi



Image: Visual representation of the camera's diverse storage options, including MicroSD card (up to 256GB), NVR, NAS, ONVIF, FTP, and Ctronics Cloud.

5. MAINTENANCE

5.1 Cleaning

To maintain optimal image quality, regularly clean the camera lens and body.

- Use a soft, dry cloth to wipe the camera body.
- For the lens, use a lens cleaning cloth and a specialized lens cleaning solution if necessary. Avoid abrasive materials.
- Ensure the camera is powered off before cleaning.

5.2 Firmware Updates

Ctronics regularly releases firmware updates to improve performance and add new features. Check for updates via the Ctronics Pro app settings. It is recommended to keep your camera's firmware up to date.

6. TROUBLESHOOTING

If you encounter issues, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Camera offline	No power, Wi-Fi disconnected, incorrect Wi-Fi password	Check power connection, restart camera, verify Wi-Fi signal strength, reconfigure Wi-Fi in app.
Cannot connect to Wi-Fi	Incorrect Wi-Fi password, weak signal, wrong band (e.g., trying to connect 5GHz to 2.4GHz only router)	Ensure correct password, move camera closer to router, confirm router supports 2.4/5GHz and select the correct band during setup.
Poor image quality	Dirty lens, low bandwidth, insufficient lighting	Clean the lens, check internet speed, ensure adequate lighting or verify night vision is active.
No motion detection alerts	Detection disabled, sensitivity too low, app notifications off	Enable detection in app settings, increase sensitivity, check phone's notification settings for the app.
MicroSD card not recording	Card full, faulty card, not formatted	Check card capacity, try a different card, format the card via app settings.

For further assistance, please contact Ctronics customer support.

7. SPECIFICATIONS

Feature	Detail
Model Number	710-4K
Video Resolution	4K UHD (3840 x 2160)
Frame Rate	15 frames per second
Connectivity	Dual-Band Wi-Fi (2.4 GHz / 5 GHz)
Pan/Tilt Range	360° Pan, Expanded Tilt
Night Vision Range	Up to 20 meters
Storage Options	MicroSD card (up to 256GB), Cloud, NVR, NAS, FTP (ONVIF support)

Feature	Detail
AI Features	Human Detection, Pet Detection, Auto Tracking
Power Input	5V (via power adapter)
Material	Acrylonitrile Butadiene Styrene (ABS)
Dimensions (L x W x H)	15 x 15 x 5 cm
Weight	370 grams
Operating Environment	Indoor use only

8. 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, product inquiries, or warranty claims, please contact Ctronics customer service through their official website or the contact information provided in the app.

Online Resources:

- Official Ctronics Website: www.ctronics.com
- Ctronics Pro App Support: Available within the app's settings or help section.

Related Documents - 710-4K

	<p>Ctronics 4K 8MP Surveillance Camera User Manual</p> <p>Comprehensive user manual for the Ctronics 4K 8MP Indoor Surveillance Camera, covering setup, Wi-Fi connection, and advanced features. Includes instructions in multiple languages.</p>
	<p>Ctronics CTIPC-285C Indoor Wi-Fi Camera User Manual</p> <p>User manual for the Ctronics CTIPC-285C indoor Wi-Fi camera, detailing its features, installation, and operation. This 4MP camera supports dual-band Wi-Fi, color night vision, 360° coverage, and human motion detection with tracking.</p>
	<p>Ctronics CTIPC550C IP Network Camera Setup Manual</p> <p>Comprehensive setup guide for the Ctronics CTIPC550C IP Network Camera. Learn how to configure motion detection, human detection, alarm settings, floodlight deterrence, auto-tracking, and patrol functions for enhanced security.</p>
	<p>Ctronics Dual Lens Camera Manual: Setup, App, and PC Software Guide</p> <p>Comprehensive guide for the Ctronics Dual Lens Camera, covering setup, Wi-Fi connection, the Ctronics pro mobile app, HiP2P PC software, and troubleshooting FAQs. Learn to install, configure, and manage your security camera.</p>

	<p>Ctronics 4G LTE Outdoor Camera User Manual</p> <p>User manual for the Ctronics 4G LTE Outdoor Camera, featuring FHD 1080P PTZ, night vision, auto tracking, human detection, and two-way audio. This camera does not support Wi-Fi.</p>
	<p>Ctronics CTI PC Series IP Camera Installation and Features Guide</p> <p>Comprehensive guide for Ctronics CTI PC Series IP Cameras, covering installation, setup, and advanced features like auto-tracking and alarm lights. Includes instructions for CTI PC 550C and CTI PC 295C models.</p>