

Ctronics CTIPC-700C-2MPB-P4

Ctronics CTIPC-700C-2MPB-P4 Outdoor WiFi Security Camera System User Manual

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Ctronics CTIPC-700C-2MPB-P4 Outdoor WiFi Security Camera System. Please read this manual thoroughly before using the product to ensure proper functionality and safety. Keep this manual for future reference.

2. PRODUCT OVERVIEW

2.1 Key Features

- **2K 3MP High Resolution:** Captures clear and detailed video footage.
- **AI Human Detection & Auto-Tracking:** Intelligently identifies human figures and tracks their movement, reducing false alarms.
- **8 Preset Positions:** Allows for quick switching between predefined surveillance areas.
- **30m Color Night Vision:** Provides full-color video even in low-light conditions up to 30 meters.
- **Spotlight & Siren Alarm:** Automatically activates a spotlight and customizable siren to deter intruders.
- **Remote Access:** Monitor your property from anywhere using PC or smartphone applications.
- **Multiple Storage Options:** Supports local storage via 128GB Micro SD card, as well as FTP, NAS, and Cloud storage for secure data backup.
- **IP66 Weatherproof:** Designed for outdoor use, resistant to dust and water.
- **Flexible Installation:** Can be mounted on walls or ceilings.

2.2 Package Contents

- Ctronics CTIPC-700C-2MPB-P4 Security Cameras (4 units)
- Power Adapters
- Mounting Screws
- User Manual
- Mounting Stand



Image 1: Ctronics CTIPC-700C-2MPB-P4 Outdoor WiFi Security Camera System (4-pack).

3. SETUP

3.1 Physical Installation

The cameras can be mounted on a wall or ceiling. Ensure the mounting surface is sturdy enough to support the camera's weight.

1. **Choose a Location:** Select a location that provides optimal surveillance coverage and has a stable WiFi signal.
2. **Drill Holes:** Use the provided mounting template to mark and drill holes for the mounting screws.
3. **Secure the Camera:** Attach the mounting stand to the surface using the screws. Then, secure the camera to the stand.



Image 2: Flexible wall and ceiling mounting options for the IP66 waterproof camera.

3.2 Power Connection

Connect the camera to a power outlet using the provided power adapter. Ensure the power cable is securely connected and protected from environmental elements.

3.3 Network Connection

The camera supports WiFi connectivity. Follow the in-app instructions for pairing the camera with your home network.

3.4 App Installation & Initial Setup

Download the Ctronics Pro app from your smartphone's app store (iOS/Android). Follow the on-screen instructions to add your camera(s) to the app. This typically involves scanning a QR code on the camera or manually entering its ID.

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Video 1: Demonstrates the ease of use of the Ctronics app for managing security camera features, including real-time monitoring and two-way audio communication with a delivery person.

4. OPERATING INSTRUCTIONS

4.1 Live View & Remote Control

Access the live feed from your camera(s) via the Ctronics Pro app or PC software. Use the on-screen controls to pan (355° horizontal), tilt (90° vertical), and zoom (digital) the camera to view different areas. You can also set up to 8 preset positions for quick navigation.



Image 3: Illustrates the camera's pan, tilt, and zoom capabilities, allowing for comprehensive area coverage and convenient preset positions.

4.2 AI Detection & Auto-Tracking

The camera uses advanced AI algorithms to detect human movement and automatically track the subject within its field of view. This feature helps in focusing on relevant events and minimizing false alarms.

Smart Detection & Auto-Tracking

Customize Detection Area & Sensitivity for Precision Alerts.



Image 4: Demonstrates smart detection and auto-tracking, allowing customization of detection areas and sensitivity for precise alerts.

4.3 Night Vision Modes

The camera offers multiple night vision modes:

- **Infrared (IR) Night Vision:** Black and white video in complete darkness.
- **Color Night Vision:** Utilizes built-in spotlights to provide full-color video at night up to 30m.
- **Smart Night Vision:** Automatically switches between IR and color night vision based on detected motion.

4.4 Two-Way Audio

The integrated microphone and speaker allow for two-way communication. You can speak through the camera to visitors or deter intruders.

4.5 Alarm Functions

When motion is detected, the camera can trigger a spotlight and a siren. The siren sound can be customized through the app.

Stay Alert with Sound & Spotlights

Customize alarm sounds for different situations

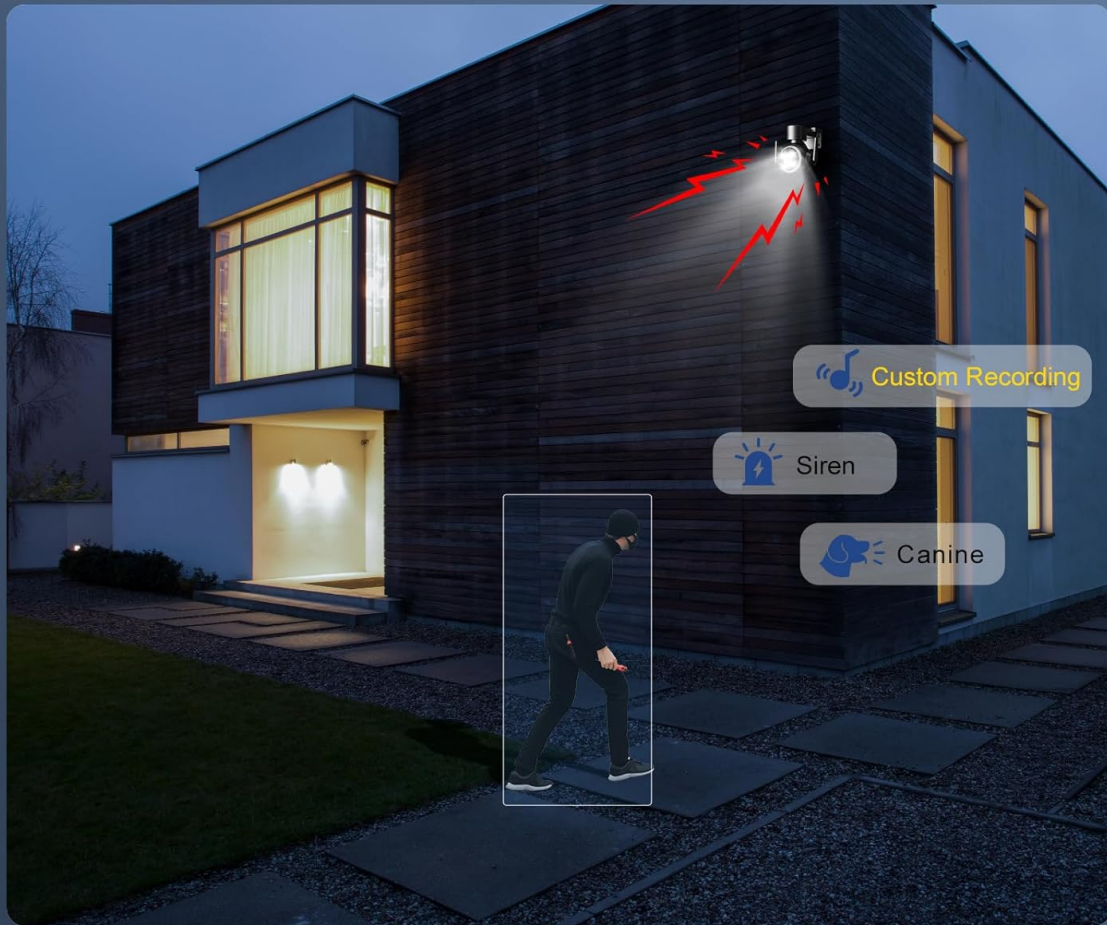


Image 5: Stay alert with sound and spotlights, allowing customization of alarm sounds for different situations.

4.6 Recording & Storage

The camera supports various recording and storage methods:

- **Micro SD Card:** Insert a 128GB Micro SD card (not included) for local storage of recordings.
- **Cloud Storage:** Subscribe to cloud services for off-site video storage.
- **FTP/NAS:** Configure the camera to upload recordings to an FTP server or Network Attached Storage (NAS) device.

Flexible Recording, Easy Remote Monitoring



Image 6: Flexible recording and easy remote monitoring via the app, with support for 128GB Micro SD cards.

Secure, Flexible Storage Options



Image 7: Secure and flexible storage options including NAS NVR, Cloud, and Micro SD card.

4.7 Multi-User Sharing

The camera feed can be shared with multiple authorized users, allowing family members or trusted individuals to monitor the property simultaneously.

Your browser does not support the video tag.

Video 2: Highlights various essential features of the Ctronics security camera, such as AI human detection, two-way audio, night vision, and diverse storage options, demonstrating its comprehensive surveillance capabilities.

5. MAINTENANCE

5.1 Cleaning

Regularly clean the camera lens and housing with a soft, damp cloth to ensure clear image quality. Do not use harsh chemicals or abrasive materials.

5.2 Firmware Updates

Periodically check for firmware updates through the Ctronics Pro app. Keeping your camera's firmware updated ensures optimal performance, security, and access to new features.

6. TROUBLESHOOTING

6.1 Common Issues & Solutions

- **No Power:** Ensure the power adapter is securely connected to both the camera and a working power outlet.
- **No Network Connection:** Verify your WiFi network is active and the camera is within range. Re-pair the camera with the app if necessary.
- **Poor Image Quality:** Clean the camera lens. Check your network speed.
- **False Alarms:** Adjust the AI detection sensitivity and define specific detection zones in the app.
- **Two-Way Audio Issues:** Check microphone and speaker settings in the app. Ensure network stability.

7. SPECIFICATIONS

Feature	Specification
Video Capture Resolution	2304 (2K 3MP)
Color	Black
Number of Items	4
Included Components	Stand, Mounting Screws, Instruction Manual, Power Adapter
Number of Channels	4
Wireless Communication Technology	Bluetooth, Wi-Fi
Form Factor	Dome
Effective Video Resolution	2304
Field of View	90 degrees
Installation Type	Screw-in
Night Vision Range	30 meters
Frame Rate	15 fps
Material	Acrylonitrile Butadiene Styrene (ABS)
Voltage	12 Volts
Wattage	12 W
Product Dimensions (LxWxH)	16 x 18 x 20 cm
Water Resistance Level	Waterproof (IP66)
Product Model Number	CTIPC-700C-2MPB-P4

Feature	Specification
Product Weight	2.39 Kilograms
Light Source	LED
Special Features	HD Resolution, PTZ Technology, Night Vision
Batteries Included	No
Recommended Uses For Product	Outdoor Security
Connectivity Technology	Wired
Compatible Devices	Smartphone, Tablet, Desktop, Laptop
Power Source	Corded Electric
Mounting Type	Wall Mount

8. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official Ctronics website or contact their customer service directly. Details are typically provided on the product packaging or within the Ctronics Pro application.