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> Ctronics 5MP WiFi Outdoor Security Camera User Manual

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Model: 5MP WiFi Outdoor Security Camera

INTRODUCTION

This manual provides comprehensive instructions for the Ctronics 5MP WiFi Outdoor Security Camera. Designed for outdoor surveillance, this camera offers high-resolution video, advanced detection capabilities, and flexible connectivity options to enhance your property's security. Please read this manual carefully before installation and operation to ensure proper use and optimal performance.

PACKAGE CONTENTS

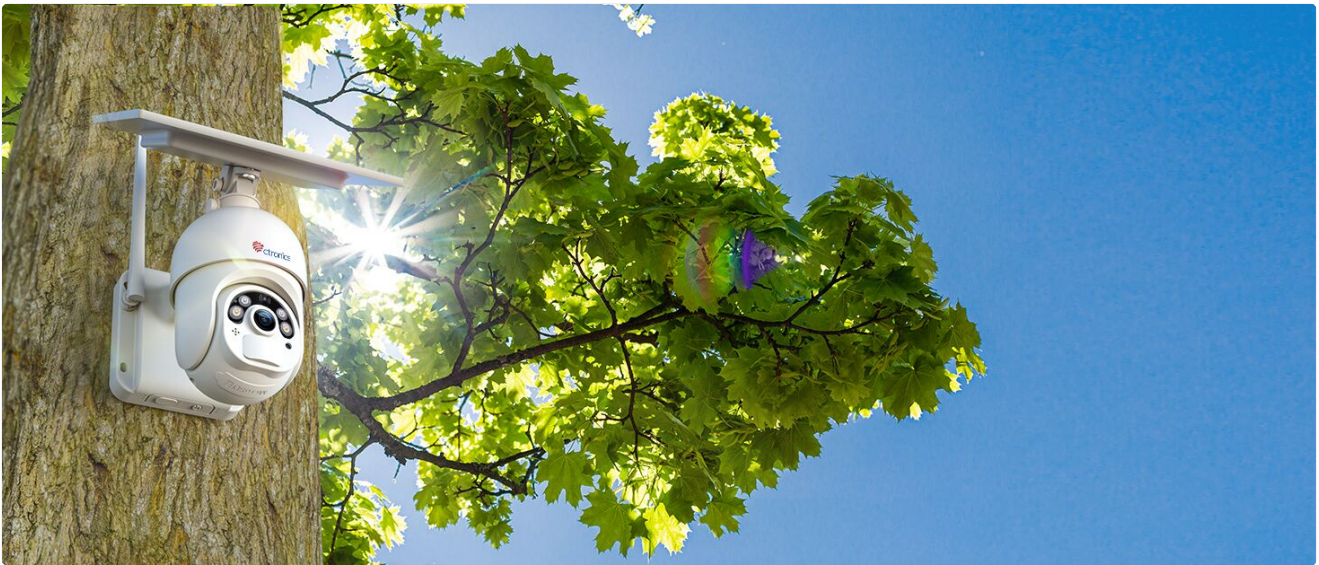
Please verify that all components are present in the package:

- Ctronics 5MP WiFi Outdoor Security Camera
- Power Adapter
- Mounting Screws and Anchors
- Waterproof Kit
- Quick Start Guide

PRODUCT FEATURES

5MP HD Resolution and Color Night Vision

The camera provides 2560x1920P resolution for clear 5MP images. It features two night vision modes: full-color and black & white. Equipped with 4 white lights and 5 infrared lights, it delivers vivid color images in complete darkness up to 25 meters.



This image illustrates the camera's 5MP (2560x1920P) resolution, showcasing clear daytime footage and vibrant color night vision capabilities.



Ultra HD **5MP** Présente **2560 × 1920** Mégapixels



An illustration of the camera's advanced night vision, showing how its spotlights enable full-color night vision and how infrared lights provide clear black and white vision in low light.

Human Motion Detection and Auto-Tracking

AI algorithms enable the camera to recognize human shapes, reducing false alerts from wind, animals, or leaves by 95%. The camera automatically tracks human movement, saving video to the TF card and sending instant notifications to your smartphone.

Détection Humanoïde Intelligente avec Suivi Automatique

Réduisez 95 % des fausses alarmes, ne manquez jamais aucun détail



This image demonstrates the camera's intelligent human detection and automatic tracking, highlighting its ability to follow detected individuals and reduce false alarms.

355° Pan & 90° Tilt with TF Card Slot

This outdoor dome camera offers a 355° horizontal rotation and 90° vertical tilt, covering all desired areas and minimizing blind spots. It includes a TF card slot supporting up to 64GB for local storage of images and videos (TF card not included).

24/7

Enregistrements sur Carte TF

Prend en charge l'enregistrement continu, programmé ou activé par le mouvement 7 x 24 et stocke la vidéo sur une carte TF (jusqu'à 128 Go, non inclus dans le package) et un serveur FTP

* AUCUN Stockage en Nuage

24/7 NVR FTP

An illustration of the camera's wide coverage, demonstrating its 355° horizontal pan and 90° vertical tilt functionality for comprehensive surveillance.



A close-up view of the camera's TF card slot, indicating support for local video storage up to 64GB.

Two-Way Audio and IP66 Waterproofing

The integrated microphone and speaker allow real-time conversations with visitors via your smartphone app. With an IP66 waterproof rating, the camera functions reliably in adverse weather conditions, suitable for garages, yards, and other outdoor locations.



The camera is shown mounted outdoors, enduring rain, to illustrate its IP66 waterproof rating and suitability for various weather conditions.



This image depicts the two-way audio function, allowing users to communicate with individuals near the camera via the smartphone application.

Universal Compatibility and Remote Access

The camera is compatible with NVRs and supports the Ctronics app on iOS and Android systems. PC software (HiP2P) is available for Mac/Windows, offering P2P service. This allows remote access to the camera and recorded footage from anywhere, anytime, provided the camera is online. (Compatible with 2.4GHz WiFi and 12V power supply).



This image demonstrates the camera's multi-platform compatibility, showing live viewing on iOS, Android, Mac, and Windows devices.



An illustration showing the camera's dual-band WiFi connectivity (2.4GHz and 5GHz), indicating optimal placement for signal coverage around a home.

SETUP GUIDE

1. Physical Installation

Choose a suitable outdoor location for mounting the camera. Ensure the area provides a clear field of view and is within range of your 2.4GHz WiFi network. Use the provided screws and anchors to securely mount the camera to a wall or ceiling. Ensure the mounting surface is stable enough to support the camera's weight.

2. Power Connection

Connect the provided power adapter to the camera's power input and then plug it into a standard electrical outlet. Ensure the connection is secure and protected from moisture using the waterproof kit if necessary.

3. App Download and Installation

Download the 'Ctronics' app from the App Store (iOS) or Google Play Store (Android). For PC users, download the 'HiP2P' software from the official Ctronics website. Follow the on-screen instructions to install the application.

4. Network Connection

Open the Ctronics app and follow the in-app instructions to add your camera. This typically involves scanning a QR code on the camera or manually entering its ID. Connect the camera to your 2.4GHz WiFi network. Ensure your smartphone is also connected to the same 2.4GHz network during the initial setup process.

5. Initial Configuration

Once connected, you can set up basic camera parameters such as time zone, device name, and password. It is highly recommended to change the default password for security reasons.

OPERATING INSTRUCTIONS

1. Live View

Open the Ctronics app or HiP2P software and select your camera from the device list to access the real-time video feed.

2. Pan/Tilt Control

In the live view interface, use the on-screen controls to remotely adjust the camera's horizontal (pan 355°) and vertical (tilt

90°) angles to monitor different areas.

3. Two-Way Audio

Tap the microphone icon in the app to speak through the camera's speaker. Tap the speaker icon to listen to audio from the camera's surroundings.

4. Recording and Playback

Recordings can be stored on a TF card (up to 64GB), FTP server, NAS, or cloud storage (subscription may be required). Access recorded footage through the app's playback feature, typically found in the video history or alarm records section.

5. Motion Detection Settings

Navigate to the camera settings in the app to configure human motion detection. Adjust sensitivity levels and define specific detection zones to minimize false alarms. Enable push notifications to receive instant alerts on your smartphone.

6. Night Vision Modes

The camera automatically switches between day and night vision. You can manually select between full-color night vision (with white spotlights) and infrared black & white night vision in the app settings if desired.

MAINTENANCE

1. Cleaning

Regularly clean the camera lens and housing with a soft, damp cloth to ensure clear image quality. Avoid using harsh chemicals or abrasive materials that could damage the lens or finish.

2. Firmware Updates

Check for and install firmware updates periodically through the Ctronics app. Firmware updates often include performance improvements, new features, and security enhancements.

3. Network Stability

Ensure your WiFi router is functioning correctly and provides a stable 2.4GHz signal to the camera. Poor signal strength can lead to connection drops and interrupted recordings.

4. Storage Management

If using a TF card for storage, periodically check its status and ensure it has sufficient space. Back up important footage regularly. For cloud storage, monitor your subscription status and available capacity.

TROUBLESHOOTING

No Power

- Check if the power adapter is securely connected to both the camera and the power outlet.
- Ensure the power outlet is functional.
- Verify the power adapter is the correct 12V type.

No WiFi Connection

- Ensure your router is broadcasting a 2.4GHz WiFi signal. The camera does not support 5GHz for connection.
- Check the WiFi signal strength at the camera's installation location. Relocate the camera or router if the signal is weak.

- Restart your router and the camera.
- Verify the WiFi password entered during setup is correct.

Poor Image Quality

- Clean the camera lens with a soft cloth.
- Ensure the camera's resolution settings in the app are set to 5MP (2560x1920P).
- Check for obstructions in the camera's field of view.

False Alarms

- Adjust the human detection sensitivity in the app settings.
- Define specific detection zones to exclude areas with frequent non-human movement (e.g., trees, busy roads).

No Audio or Two-Way Audio Issues

- Ensure the microphone and speaker functions are enabled in the app.
- Check for any physical obstructions blocking the microphone or speaker on the camera.
- Adjust volume settings in the app and on your smartphone.

Remote Access Failure

- Verify that the camera has an active internet connection.
- Ensure your smartphone or PC has a stable internet connection.
- Log out and log back into the Ctronics app or HiP2P software.

SPECIFICATIONS

Brand	Ctronics
Model	5MP WiFi Outdoor Security Camera
Resolution	5 Megapixels (2560x1920P)
Connectivity Technology	Wireless (Wi-Fi 2.4GHz)
Night Vision	Color Night Vision (4 white lights, 5 IR lights, up to 25m)
Pan/Tilt Angle	355° Horizontal, 90° Vertical
Storage Options	TF Card (up to 64GB, not included), FTP, NAS, Cloud
Audio	Two-Way Audio
Waterproof Rating	IP66
Power Source	Cable Electric (12V, 6W)
Control Method	Application (iOS/Android), PC Software (HiP2P for Mac/Windows)
Mounting Type	Wall Mount
Dimensions	30 x 11 x 17 centimeters

WARRANTY AND SUPPORT

Ctronics products typically come with a standard manufacturer's warranty. For specific warranty details, technical support, or service inquiries, please refer to the official Ctronics website or contact their customer support directly. Keep your purchase receipt for warranty claims. You can often find support resources, FAQs, and contact information on the Ctronics official website.