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Ctronics 380BP Outdoor Security Camera User Manual

Model: 380BP | Brand: Ctronics

1. INTRODUCTION

Thank you for choosing the Ctronics 380BP Outdoor Security Camera. This manual provides detailed instructions to help you set up, operate, and maintain your camera system effectively. Please read this manual carefully before use and keep it for future reference.

The Ctronics 380BP is designed to enhance your home security with advanced features including AI human detection, automatic tracking, 5GHz Wi-Fi connectivity, night color vision, two-way audio, and flexible recording options. This 2-camera set allows for comprehensive monitoring of multiple areas around your property.

2. PRODUCT FEATURES

- **Dual Camera Set:** Monitor multiple locations simultaneously, such as entrances, gardens, and parking areas.
- **AI Human Detection & Auto Tracking:** Advanced AI distinguishes human shapes from animals or swaying leaves, reducing false alarms. The camera automatically tracks detected intruders.
- **5GHz Wi-Fi & Remote Monitoring:** Supports the latest 5GHz Wi-Fi for stable wireless connection. Monitor and control the camera remotely via smartphone or PC.
- **Night Color Vision & Multiple Recording Modes:** Features night color mode and sensor light for clear color recording in the dark. Offers 24-hour continuous recording, motion detection recording, scheduled recording, and manual recording.
- **Remote Operation & Diverse Storage Options:** Use the dedicated app for real-time viewing, playback, and settings adjustment from anywhere. Supports cloud storage, up to 64GB TF card (sold separately), and NAS.
- **360° Pan/Tilt Functionality:** Offers 355° horizontal pan and 90° vertical tilt for wide-area coverage without blind spots.
- **IP66 Waterproof:** Designed for outdoor use, resistant to strong winds and heavy rain.

3. PACKAGE CONTENTS

Please check the package contents upon arrival:

- Ctronics 380BP Outdoor Security Camera (2 units)
- Mounting Screws
- User Manual
- Power Adapter
- LAN Cable
- Anti-Theft Sticker

4. SETUP GUIDE

4.1. Physical Installation

The camera can be wall-mounted or ceiling-mounted. Ensure the installation location provides a clear view of the area you wish to monitor and has stable Wi-Fi signal coverage.



Image: Two Ctronics 380BP cameras installed on an exterior wall, demonstrating wide coverage.

1. Choose a suitable mounting location.
2. Use the provided mounting screws to securely attach the camera bracket.
3. Attach the camera to the bracket.
4. Connect the power adapter to the camera and plug it into a power outlet.
5. (Optional) For wired connection, connect the LAN cable to the camera and your router.

4.2. App Installation & Camera Pairing

Download the dedicated Ctronics app to your smartphone or tablet for easy setup and remote access.

1. Download the "Ctronics Pro" app from your device's app store (iOS or Android).
2. Open the app and create an account or log in.
3. Follow the in-app instructions to add a new device. This typically involves scanning a QR code on the camera or manually entering its UID.
4. Connect the camera to your Wi-Fi network (supports 2.4GHz and 5GHz).
5. Set a secure password for your camera.

Your browser does not support the video tag.

Video: This video demonstrates the QR code connection guide for setting up the camera with the app.



Image: The Ctronics app displaying multiple camera feeds on a smartphone, tablet, and PC.

5. OPERATING INSTRUCTIONS

5.1. Live View & Playback

Access real-time video feeds and review recorded footage through the Ctronics Pro app or PC client.



ビデオの確認がとても楽

録画ファイルを共有、ダウンロード、
保存時間帯に録画されているすべての録画再生

Image: Smartphone screen showing video playback options and a calendar for selecting recording dates.

5.2. Pan/Tilt Control

Use the app to remotely adjust the camera's viewing angle. The camera supports 355° horizontal pan and 90° vertical tilt.

首振り機能

回転角度も細かく操作できる



Image: The camera's pan and tilt range, controlled via the mobile app.

5.3. Two-Way Audio

The built-in microphone and speaker allow for two-way communication. You can speak to visitors or deter intruders directly through the app.

Your browser does not support the video tag.

Video: This video demonstrates the two-way audio feature, allowing communication through the camera.

5.4. Night Vision Modes

The camera offers several night vision options:

- **IR Night Vision:** Provides clear black and white images in complete darkness using infrared LEDs.
- **Full-Color Night Vision:** Utilizes built-in spotlights to capture full-color video even at night.
- **Smart Night Vision:** Automatically switches to color mode upon detecting motion, otherwise stays in IR mode.



Image: The camera's night color vision feature, with spotlights active.

5.5. Motion Detection & Alerts

The camera uses AI to detect human motion and can trigger various responses:

- **Push Notifications:** Receive instant alerts on your smartphone when motion is detected.
- **Sound & Light Alarm:** The camera can emit an audible alarm and flash its spotlights to deter intruders.
- **Auto Tracking:** The camera will automatically follow detected human figures.



Image: AI human detection and auto-tracking in action, with an alarm notification on a smartphone.

6. MAINTENANCE

- **Cleaning:** Regularly wipe the camera lens and housing with a soft, damp cloth to ensure clear image quality. Do not use harsh chemicals.
- **Firmware Updates:** Check the app periodically for firmware updates. Keeping your camera's firmware up-to-date ensures optimal performance and security.
- **Storage Management:** If using a microSD card, periodically review and delete old footage to free up space. For cloud storage, manage your subscription and storage limits through the app.
- **Power Supply:** Ensure the power adapter and cable are free from damage and properly connected.

7. TROUBLESHOOTING

| Problem | Possible Cause | Solution |
|------------------------------|---|--|
| Camera offline | No power, weak Wi-Fi signal, network issues. | Check power connection, move camera closer to router, restart router, re-pair camera. |
| Frequent false alarms | Motion detection sensitivity too high, non-human objects triggering alerts. | Adjust motion detection sensitivity, enable AI human detection only, set activity zones. |
| Poor image quality | Dirty lens, weak Wi-Fi, low light conditions. | Clean the lens, ensure strong Wi-Fi, check night vision settings. |
| Cannot connect to 5GHz Wi-Fi | Incorrect Wi-Fi password, router not broadcasting 5GHz, camera too far. | Verify password, check router settings, ensure camera is within 5GHz range. |

8. SPECIFICATIONS

| Feature | Detail |
|--------------------------|--|
| Model Name | 380BP |
| Brand | Ctronics |
| Connectivity Technology | Wireless (Wi-Fi), Ethernet |
| Special Feature | Night Vision, AI Human Detection, Auto Tracking, Two-Way Audio |
| Indoor/Outdoor Use | Outdoor |
| Compatible Devices | Smartphone, Tablet, PC |
| Power Source | Corded Electric |
| Connection Protocol | Ethernet, ONVIF, RTSP, Wi-Fi |
| Mounting Type | Wall Mount, Screw-in |
| Form Factor | Dome |
| Waterproof Rating | IP66 |
| Video Encoding Format | H.265 |
| Video Capture Format | MP4 |
| Max Flash Memory Support | 64 GB (microSD) |
| Video Resolution | 1080p (Effective 2304 pixels) |
| Frame Rate | 15 fps |
| Field of View | 90 degrees |
| Digital Zoom | 4x |

9. WARRANTY & SUPPORT

Ctronics products come with a standard manufacturer's warranty. For detailed warranty information, product support, or

technical assistance, please visit the official Ctronics website or contact their customer service directly. Keep your purchase receipt as proof of purchase.

Official Ctronics Store: [Ctronics Amazon Store](#)