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› xmartO BC4-SP WiFi 6 Wire-Free Solar Security Camera System User Manual

xmartO BC4-SP

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Model: BC4-SP

INTRODUCTION

The xmartO BC4-SP is a wire-free security camera designed for home and business surveillance. This camera operates on rechargeable batteries and a solar panel, eliminating the need for power or video cables. It connects to your WiFi router or xmartO NVR wirelessly, offering a straightforward installation process. This manual will guide you through setting up, operating, and maintaining your camera system to ensure optimal performance and security.



Image: xmartO BC4-SP WiFi 6 Wire-Free Solar Security Camera System.

WHAT'S IN THE BOX

Please verify that all components are present in your package:

- 1 x BC4-SP Security Camera
- 1 x Solar Panel with 10ft cable
- 1 x Mounting kit (screws and wall anchors)
- 1 x User Guide

PRODUCT OVERVIEW

The xmartO BC4-SP camera offers 4MP QHD live video and audio monitoring. Its design focuses on ease of use and robust performance for various environments.

Key Features:

- **Wire-Free Installation:** No power or video cables required, simplifying setup.

- **All-Weather-Charge Technology:** Solar panels provide continuous power even in challenging weather conditions.
- **Long Range WiFi 6:** Offers extended wireless coverage up to 1300ft in line of sight.
- **PIR Thermal True Detection:** Minimizes false alerts by detecting people, animals, or vehicles.
- **4K 10-channel WiFi NVR Compatibility:** Expandable system supporting up to 10 cameras with various storage options (micro SD, SATA HDD, Cloud).
- **Easy Mobile View:** Access live feed and recordings from anywhere via the free mobile app.
- **2-Way Audio:** Communicate through the camera using the mobile app.
- **Works with Alexa:** Voice command integration for viewing on Alexa devices.

Camera Components:

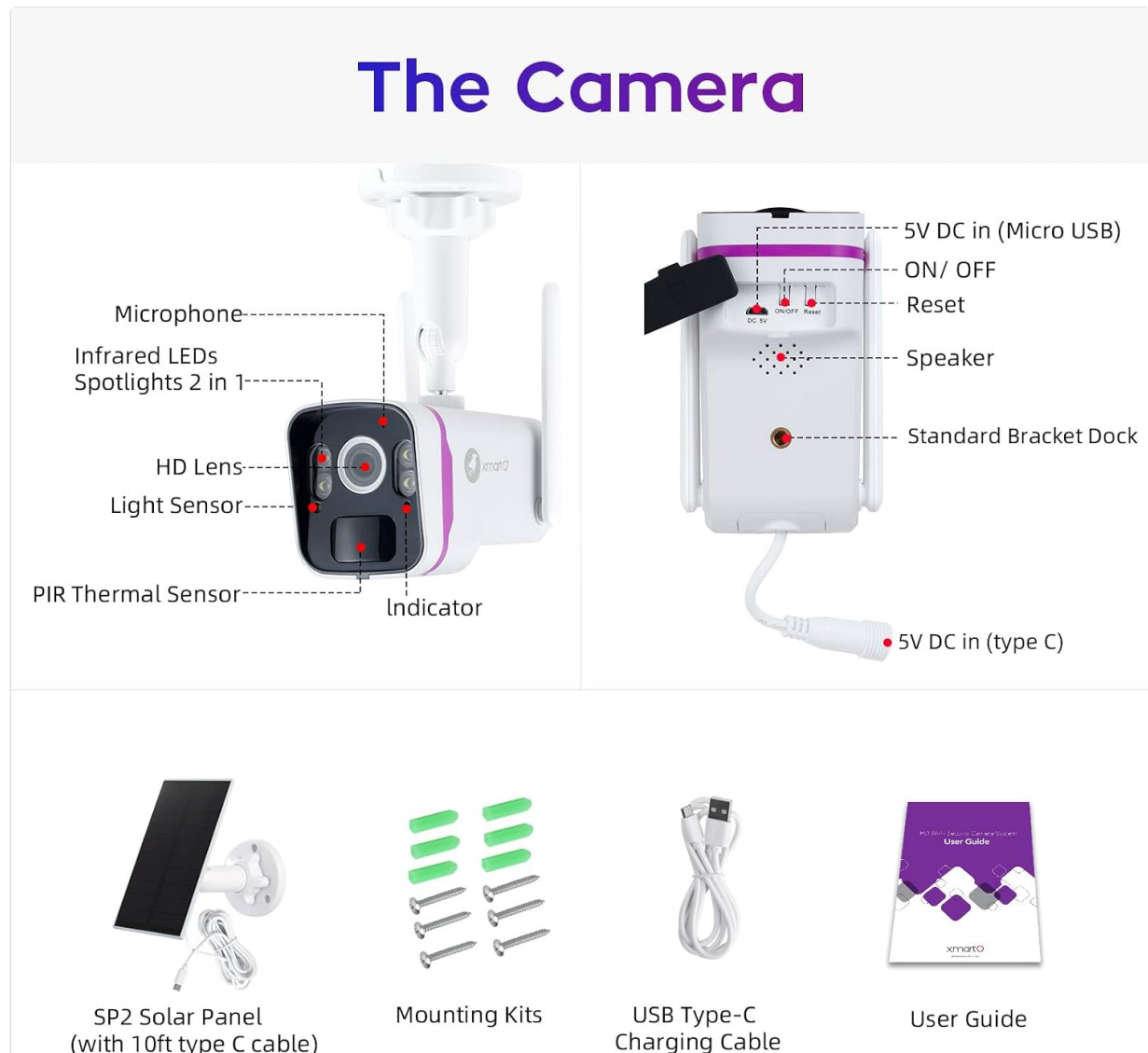


Image: Detailed diagram of the xmartO BC4-SP camera components.

The camera features a microphone, infrared LEDs, spotlights, an HD lens, a light sensor, a PIR thermal sensor, and an indicator light. It includes a 5V DC input (Micro USB and Type-C), an ON/OFF switch, a Reset button, and a speaker.

SETUP

Follow these steps to set up your xmartO BC4-SP security camera system:

1. Initial Charging and Power On

Before installation, ensure the camera's battery is sufficiently charged. Connect the solar panel to the camera, or use a 5V phone charger via the Type-C port for initial charging. Turn on the camera using the ON/OFF switch.

2. Mounting the Camera and Solar Panel

Choose a location for your camera that provides a clear view of the area you wish to monitor and allows the solar panel to receive direct sunlight for several hours daily. The camera can be mounted on walls or ceilings using the provided mounting kit. No power or video cables are needed for installation.



Image: Wire-free installation of the xmartO BC4-SP camera and solar panel.

3. Connecting to Your Network

The camera can connect to your WiFi router (2.4G hotspot) or an xmartO NVR. Download the xmartO mobile app to add and configure your camera. For NVR integration, follow the pairing instructions within the app or NVR interface.

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Video: Setup xmartO WiFi cameras with a LAN cable (demo w. WG3034). This video demonstrates how to set up xmartO WiFi cameras, including the BC4-SP, using a LAN cable for initial configuration with an NVR.

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Video: How to pair a new camera to an XMARTO NVR wirelessly (DEMO with WB2024). This video illustrates the process of wirelessly pairing a new smartO camera, such as the BC4-SP, to an existing smartO NVR system.

OPERATING INSTRUCTIONS

Once your camera is set up, you can begin monitoring your property.

1. Mobile App Usage

The smartO mobile app allows you to view live video, access recorded footage, and manage camera settings from anywhere. The app supports simultaneous viewing of multiple cameras.

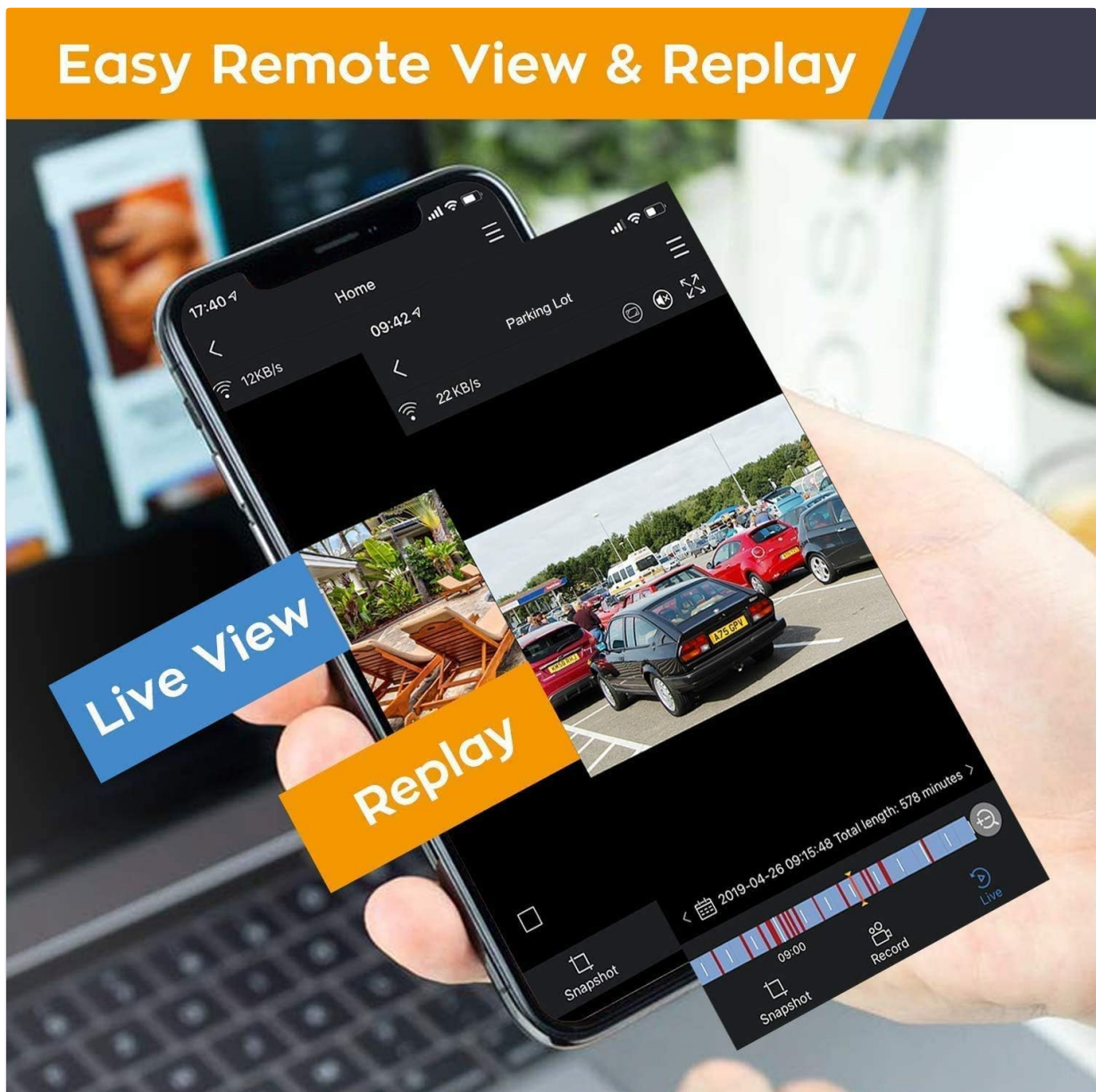


Image: Easy remote view and replay via the mobile app.

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Video: XMARTO wire-free Solar Home Security Camera System. This video provides an overview of the smartO wire-free solar home security camera system, highlighting its key features and benefits.

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Video: How to group multiple XMARTO security cameras to a split-screen view. This video demonstrates how to organize and view multiple xmartO security cameras simultaneously in a split-screen layout within the mobile application.

2. Two-Way Audio

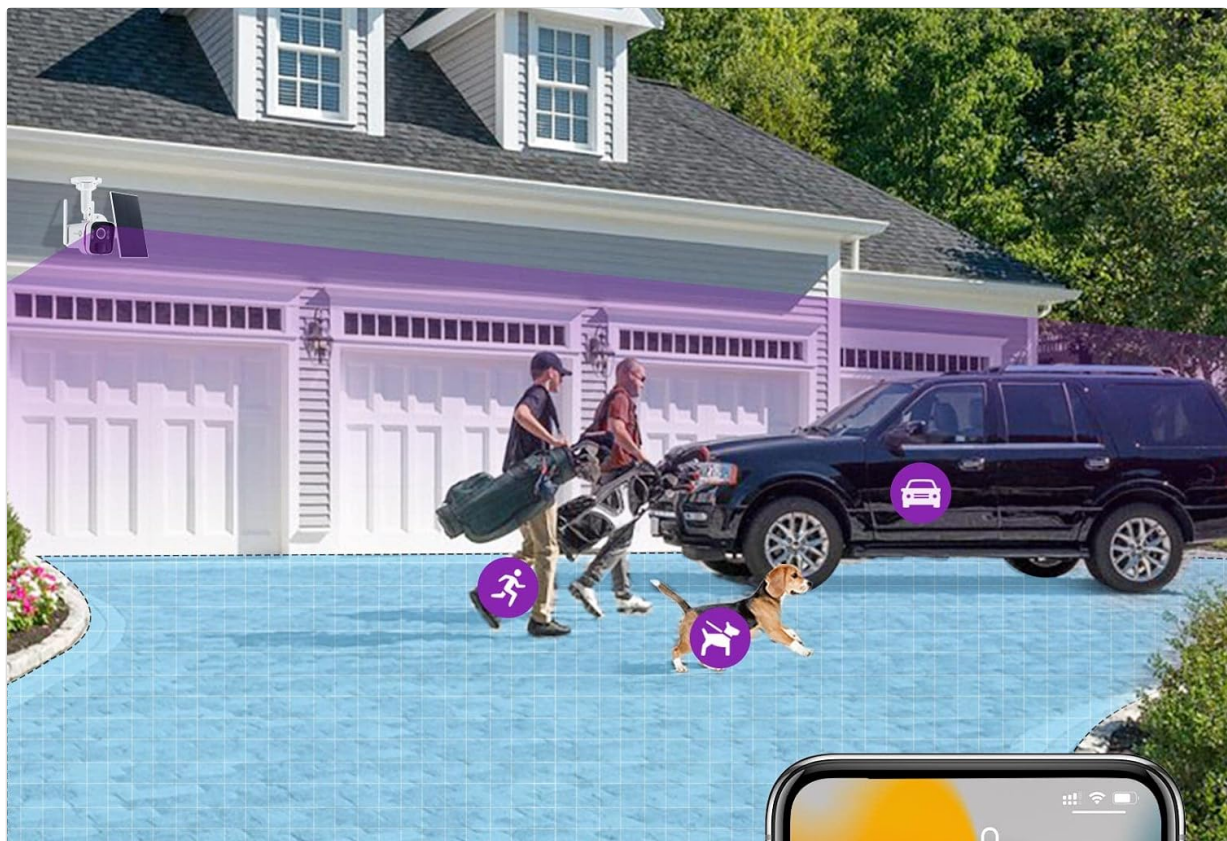
Utilize the built-in microphone and speaker for two-way communication. Tap the microphone icon in the app to speak, and listen through the camera's speaker.



Image: Two-way audio functionality with the xmartO BC4-SP camera.

3. Motion Detection and Alerts

The camera features PIR thermal sensors and humanoid detection to accurately identify motion. When motion is detected, you will receive instant app notifications or email alerts. You can also activate a one-tap siren alarm through the app.



Thermal True Detection

Instant App/ Email Alert
One-tap Siren Alarm



Siren



Push



Email

Image: Thermal True Detection in action, showing alerts on a mobile device.

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Video: XMARTO Thermal True Detection Wireless Security Camera System. This video explains the thermal true detection feature of the xmartO wireless security camera system, demonstrating its ability to accurately detect motion.

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Video: Cat-triggered video at night pre-recorded (compacted video). This short video demonstrates the camera's motion detection capabilities at night, triggered by a cat, showcasing its effectiveness in low-light conditions.

4. Night Vision

The camera provides both infrared (IR) night vision for clear black-and-white footage in darkness and color night vision when its spotlights are activated.

IR & COLOR NIGHT VISION

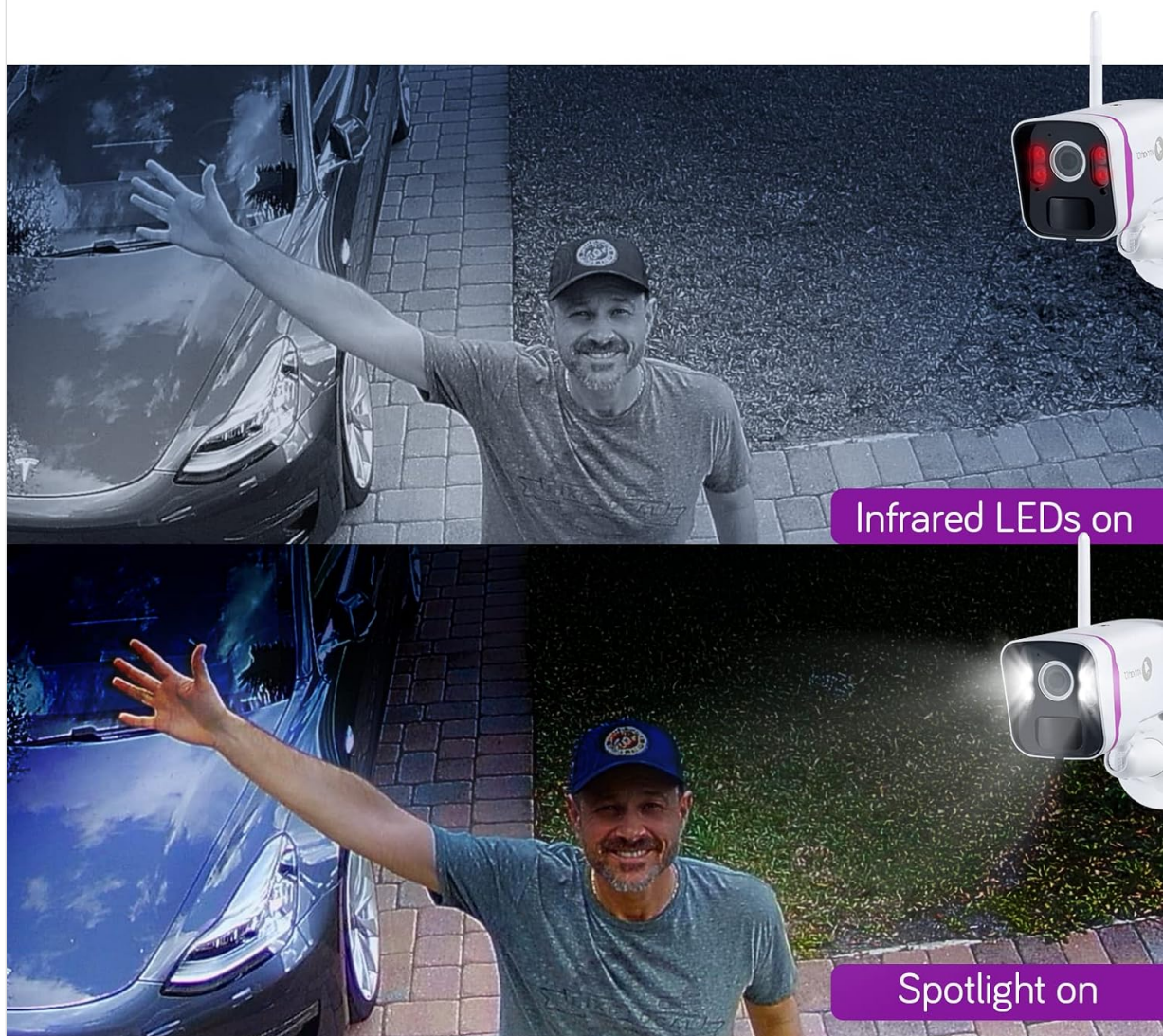


Image: Comparison of IR and Color Night Vision modes.

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Video: Night vision video sample (compacted video). This video provides a sample of the xmartO camera's night vision capabilities, showing clear footage in dark conditions.

5. Alexa Integration

The xmartO BC4-SP camera is compatible with Amazon Alexa. Use voice commands to view your camera feed on compatible Alexa devices.

Works with Alexa



"Alexa, show me the porch."

Image: xmartO BC4-SP working with Alexa.

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Video: Video sample day (compacted, actual video is clearer). This video presents a sample of the xmartO camera's daytime video quality, demonstrating its clarity in well-lit conditions.

MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your xmartO BC4-SP camera system.

1. Solar Panel Care

Periodically clean the solar panel surface to remove dust, dirt, or debris that may obstruct sunlight and reduce charging efficiency. Use a soft, damp cloth for cleaning.

All-Weather-Charge

Where There is Light, There is Power

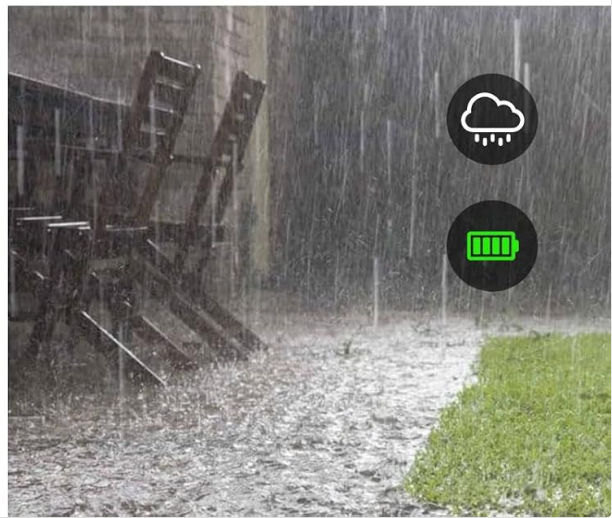


Image: All-Weather-Charge technology ensures continuous power.

WEATHER-RESISTANT



Image: Weather-resistant design of the xmartO BC4-SP camera.

2. Battery Management

The camera is designed for efficient power usage. If the camera is placed in an area with insufficient sunlight, or if continuous 24/7 recording is desired, you can plug the camera into a constant 5V power source using a phone charger.

3. Firmware Updates

Regularly check for firmware updates through the mobile app or xmartO's official website to ensure your camera has the latest features and security enhancements.

TROUBLESHOOTING

If you encounter issues with your xmartO BC4-SP camera, refer to the following common solutions:

- **Camera Not Powering On:** Ensure the ON/OFF switch is in the 'ON' position. Check battery charge level and ensure the solar panel is receiving adequate sunlight or charge via the Type-C port.
- **No Video Feed:** Verify the camera is connected to your WiFi network or NVR. Check network signal strength. Restart the camera and your router/NVR.

- **Frequent Disconnections:** Ensure the camera is within range of your WiFi router or NVR. Reduce interference from other wireless devices.
- **False Motion Alerts:** Adjust the PIR sensitivity settings in the mobile app. Ensure the camera is not pointed at areas with constant movement (e.g., busy roads, swaying trees).
- **Poor Night Vision:** Ensure the camera lens is clean. Check if the IR LEDs or spotlights are obstructed.
- **Cannot Pair with NVR:** Ensure both the camera and NVR are powered on. Follow the specific pairing instructions in the app or NVR menu. You may need to reset the camera using the reset button.

For further assistance, please contact xmartO customer support.

SPECIFICATIONS

Feature	Detail
Model Name	BC4-SP
Effective Still Resolution	4 MP
Video Capture Resolution	1440p, 4MP
Connectivity Technology	Wireless (WiFi 6)
Power Source	Solar Powered (5V DC, 3 watts)
Battery Capacity	9000MAH (TESLA-type)
Wireless Range	Up to 1300ft (line of sight)
Night Vision Range	100 Feet
Night Vision Type	Night Color, Infrared
Waterproof Rating	IP66
Viewing Angle	90 Degrees
Storage Options	Micro SD (up to 64GB), 2.5" SATA HDD (with NVR), Cloud Storage
Compatible Devices	Desktop, Laptop, Smartphone, Tablet, Amazon Alexa
Material	Acrylonitrile Butadiene Styrene (ABS)
Item Dimensions	12 x 8 x 7 inches

WARRANTY & SUPPORT

Warranty Information

Your xmartO BC4-SP camera comes with a **1-Year Limited Warranty** from the date of purchase. This warranty covers manufacturing defects and ensures the product functions as intended under normal use. Please retain your proof of purchase for warranty claims.

Return Policy

A **30-Days Return** policy is available for this product, allowing for returns or replacements within 30 days of purchase, subject to the retailer's terms and conditions.

Customer Support

For technical assistance, troubleshooting, or warranty inquiries, please contact xmartO customer support. You can find contact information on the official xmartO website or through the mobile application. xmartO is committed to safeguarding your privacy. Your videos are secured with double-layer bank-level encryption and US-based servers (AWS), accessible only by you.