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XORLINK B0DLGZFP9N

XORLINK 2K Solar Security Camera User Manual

Model: B0DLGZFP9N

Comprehensive Guide for Installation, Operation, and Maintenance

1. Introduction

Thank you for choosing the XORLINK 2K Solar Security Camera. This manual provides detailed instructions for setting up, operating, and maintaining your new security camera. Please read this manual thoroughly before using the product to ensure proper function and safety.
The XORLINK 2K Solar Security Camera is designed for outdoor surveillance, offering 2K Ultra HD resolution for sharp images and smooth live video. It features a solar panel for continuous power, motion detection with auto-tracking, color night vision, two-way audio, and an IP66 waterproof rating for reliable performance in various weather conditions.

2. Safety Information

- Ensure the camera is installed in a location where it is not easily accessible to unauthorized individuals.
- Do not expose the camera to extreme temperatures outside its operating range (-4°F ~ 140°F / -20°C ~ 60°C).
- Avoid direct exposure of the solar panel to fire or extreme heat sources.
- Do not attempt to disassemble or modify the camera. This will void the warranty and may cause damage.
- Use only the specified power adapter or solar panel for charging.
- Keep the camera and its components away from children and pets.
- Clean the camera and solar panel regularly to ensure optimal performance. Use a soft, dry cloth. Do not use harsh chemicals.

3. Package Contents

Please check the package contents upon unboxing. If any items are missing or damaged, contact customer support.

- XORLINK 2K Solar Security Camera
- Solar Panel
- Mounting Bracket

- Mounting Screws and Wall Anchors
- USB Charging Cable
- User Manual (this document)



Figure 3.1: Main components of the XORLINK 2K Solar Security Camera system.

4. Setup

4.1 Initial Charging

Before initial use, it is recommended to fully charge the camera's built-in battery using the provided USB cable. Connect the USB cable to the camera's charging port and a 5V/2A USB power adapter (not included). The charging indicator light will show the charging status.

4.2 App Download and Account Creation

Download the official XORLINK app from your smartphone's app store (iOS App Store or Google Play Store). Follow the on-screen instructions to create an account and log in.

4.3 Connecting to Wi-Fi

1. Open the XORLINK app and tap "Add Device" or the "+" icon.
2. Select your camera model from the list.
3. Follow the app's instructions to power on the camera and reset it if necessary.
4. Enter your 2.4GHz Wi-Fi network name (SSID) and password.*Note: The camera does not support 5GHz Wi-Fi networks.*
5. The app will generate a QR code. Position your camera approximately 6-8 inches (15-20 cm) in front of your phone screen, allowing the camera to scan the QR code.
6. Once connected, the camera will indicate successful pairing, and you can proceed with naming your device.

4.4 Mounting the Camera and Solar Panel

Choose a mounting location that provides a clear view of the area you wish to monitor and receives ample direct sunlight for the solar panel.

- **Camera Placement:** Mount the camera at a height of 7-10 feet (2-3 meters) for optimal detection range and field of view.
- **Solar Panel Placement:** Position the solar panel in a location that receives at least 3-4 hours of direct sunlight daily. Angle the panel to maximize sun exposure.



Figure 4.1: The camera is solar powered, ensuring continuous operation without manual charging.

5. Operating the Camera

5.1 Live View and Pan/Tilt Control

From the app's home screen, tap on your camera to access the live view. You can use the on-screen controls to pan (355° horizontal rotation) and tilt (90° vertical rotation) the camera remotely to adjust its viewing angle.



Figure 5.1: Pan and Tilt functionality allows for comprehensive area coverage.

5.2 Motion Detection and Auto Tracking

The camera is equipped with a PIR motion sensor. When motion is detected, the camera will automatically track the moving object and send real-time alerts to your mobile app. You can adjust the motion detection sensitivity and set specific detection zones within the app settings.



Figure 5.2: Customize detection areas to focus on important zones and reduce false alarms.

5.3 Night Vision Modes

The camera supports both infrared (black and white) and full-color night vision. The full-color night vision is activated by the built-in spotlight when light conditions are low.



Figure 5.3: Choose between full-color or infrared night vision for clear images in low-light conditions.

5.4 Two-Way Audio

Utilize the two-way audio feature to communicate with visitors or deter intruders directly through the camera's built-in speaker and microphone. Tap the microphone icon in the live view interface to activate two-way audio.



Figure 5.4: Engage in real-time conversations with people near your camera.

5.5 Multiple Deterrence Options

The camera offers various deterrence features including light warning (spotlight activation), sound warning (siren), and a combination of audible and light warnings. These can be triggered manually or automatically upon motion detection.



Figure 5.5: Utilize light and sound warnings to deter unwanted activity.

5.6 Storage Options

The camera supports both cloud storage (optional subscription) and local storage via a Micro SD card (not included). Insert a Micro SD card (up to 128GB, Class 10 or higher recommended) into the designated slot on the camera for continuous recording or event-triggered recording.

6. Maintenance

- **Cleaning:** Regularly clean the camera lens and solar panel with a soft, damp cloth to ensure clear images and efficient solar charging. Do not use abrasive cleaners.
- **Firmware Updates:** Check the XORLINK app periodically for firmware updates. Keeping your camera's firmware up-to-date ensures optimal performance and security.
- **Battery Health:** While solar-powered, extreme cold or prolonged periods without sunlight may affect battery performance. Ensure the solar panel is clean and optimally positioned.



Figure 6.1: The IP66 waterproof rating ensures durability in various weather conditions, from -4°F to 140°F.

7. Troubleshooting

Problem	Possible Cause	Solution
Camera not powering on.	Low battery; solar panel not receiving enough sunlight; power button not pressed.	Fully charge the camera via USB. Ensure solar panel is in direct sunlight. Press and hold the power button.
Cannot connect to Wi-Fi.	Incorrect Wi-Fi password; 5GHz network used; camera too far from router; weak signal.	Verify password. Ensure 2.4GHz network is used. Move camera closer to router or use a Wi-Fi extender. Reset camera and try again.
Motion detection not working or too many false alarms.	Sensitivity settings incorrect; detection zone not set properly; environmental factors (e.g., swaying trees).	Adjust motion detection sensitivity in the app. Define specific detection zones. Reduce environmental interference.

Problem	Possible Cause	Solution
Night vision is blurry or dark.	Protective film on lens; lens dirty; insufficient ambient light for color night vision.	Remove any protective film. Clean the camera lens. Ensure spotlight is enabled for color night vision.
Two-way audio not clear.	Microphone/speaker obstructed; network latency; environmental noise.	Ensure no obstructions. Check network connection. Reduce background noise.

8. Specifications

Feature	Detail
Model	B0DLGZFP9N
Resolution	2K Ultra HD
Power Source	Solar Powered
Connectivity Technology	Wireless (Wi-Fi 2.4GHz)
Pan/Tilt Range	355° Horizontal, 90° Vertical
Night Vision	Infrared / Full Color with Spotlight
Audio	Two-Way Audio
Weatherproof Rating	IP66
Operating Temperature	-4°F ~ 140°F (-20°C ~ 60°C)
Storage Options	Cloud Storage (Optional), Micro SD Card (up to 128GB)
Material	Acrylonitrile Butadiene Styrene (ABS)
Dimensions (L x W x H)	10 x 10 x 10 inches
Item Weight	8 ounces

9. Warranty and Support

XORLINK products are designed and manufactured to the highest quality standards. For information regarding warranty coverage, please refer to the warranty card included with your product or visit the official XORLINK website.
If you encounter any issues or have questions about your XORLINK 2K Solar Security Camera, please contact our customer support team. You can typically find contact information on the XORLINK website or within the XORLINK mobile application.
Please retain your purchase receipt as proof of purchase for warranty claims.

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