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› LMHOME PR903WD Trail Camera User Manual

LMHOME PR903WD

LMHOME PR903WD Trail Camera User Manual

Model: PR903WD

1. INTRODUCTION

This manual provides instructions for the LMHOME PR903WD Wi-Fi Trail Camera. This device is designed for outdoor surveillance, wildlife monitoring, and security applications. It features 4K video recording, 60MP photo capture, and a rapid trigger speed. Equipped with a 5200mAh battery and an integrated solar panel, it ensures extended operation in remote areas. The camera offers advanced night vision capabilities and can be conveniently controlled via the 'TrailCam GO' smartphone application.

SOLAR POWERED HUNTING CAMERA



4K Video



60MP Images



PIR 120 ° 15M-20M



Trigger : 0.2-0.5S



Day & Night



Solar Energy



APP



Image: The LMHOME PR903WD Trail Camera highlighting its solar power and key features like 4K video and 60MP images.

2. SETUP

2.1 Unboxing and Components

Verify that all components are present in the package:

- 1 x LMHOME PR903WD Trail Camera
- 1 x Installation Belt
- 1 x USB Cable
- 1 x Bracket Holder
- 3 x Screws and Stoppers
- 1 x 32GB SD Card (pre-installed or included separately)

2.2 Battery and Solar Panel

The camera features a built-in 5200mAh battery and an integrated solar panel. The solar panel automatically recharges the battery when exposed to sunlight, ensuring continuous operation. For initial setup or prolonged cloudy periods, the camera can also be charged via the provided USB cable connected to a power adapter or power bank.

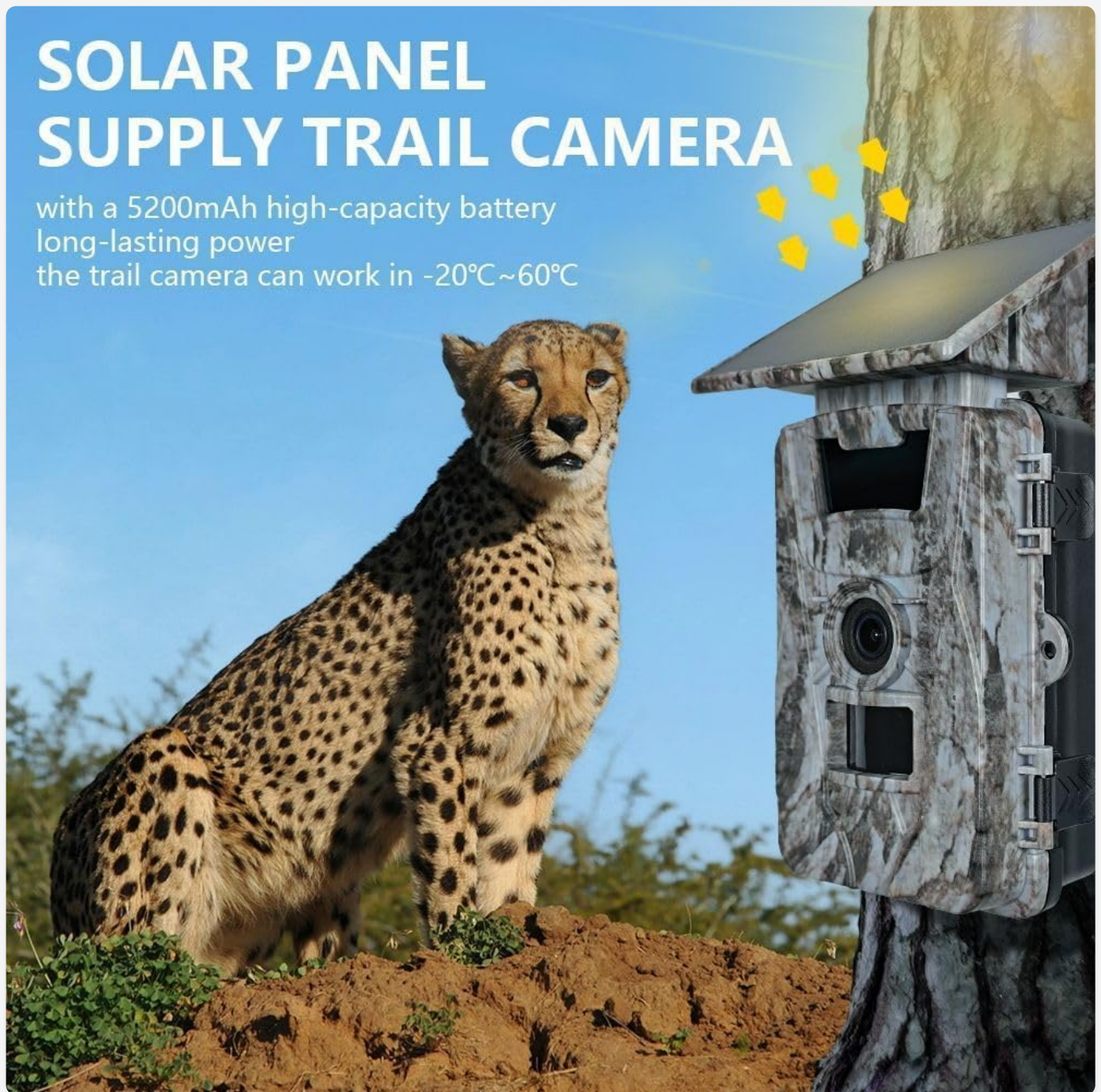


Image: The LMHOME PR903WD Trail Camera with its solar panel, illustrating its self-sustaining power feature.

2.3 SD Card Insertion

Locate the SD card slot on the camera. Insert the provided 32GB SD card with the metal contacts facing the correct direction until it clicks into place. Ensure the card is properly seated before closing the compartment cover.

2.4 Mounting the Camera

Choose a suitable location for your camera, considering the desired field of view and sunlight exposure for the solar panel. Use the included installation belt to secure the camera to a tree or pole. Alternatively, use the bracket holder,

screws, and stoppers to mount the camera on a wall or other flat surface. Adjust the camera's angle to cover the target area effectively.

2.5 App Installation and Connection

To control the camera and access recordings, download the 'TrailCam GO' application on your smartphone (available for iOS and Android). Enable Bluetooth and Wi-Fi on your phone. Open the 'TrailCam GO' app and follow the on-screen instructions to pair your smartphone with the camera. The Wi-Fi connection range is approximately 15 meters (49 feet) and requires an unobstructed line of sight between the phone and the camera.



Image: A smartphone connected to the trail camera via the 'TrailCam GO' app, demonstrating remote control and viewing.

3. OPERATING THE CAMERA

3.1 Powering On/Off

To power on the camera, slide the power switch to the 'ON' position. The camera will perform a self-check. To power off, slide the switch to 'OFF'.

3.2 Recording Modes

The camera supports both photo and video recording. You can configure the desired mode and resolution settings via the 'TrailCam GO' app.

- **Photo Resolution:** Up to 60MP
- **Video Resolution:** Up to 4K UltraHD

4K SHARP VIDEO RESOLUTION

recording Ultra-sharp video for a wonderful visual experience



Image: The trail camera demonstrating its 4K video resolution by capturing a clear image of a seagull.

3.3 Motion Detection and Trigger Speed

The camera features a highly sensitive Passive Infrared (PIR) motion sensor with a 120-degree detection angle. When motion is detected, the camera triggers within 0.3-0.6 seconds to capture images or video. You can adjust the PIR

sensitivity and trigger settings through the app.

3.4 Night Vision

Equipped with 46 pieces of 940nm infrared LEDs, the camera provides clear night vision without emitting a visible glow that could disturb wildlife. The infrared range extends up to 20 meters (65 feet), allowing for detailed recordings in complete darkness.

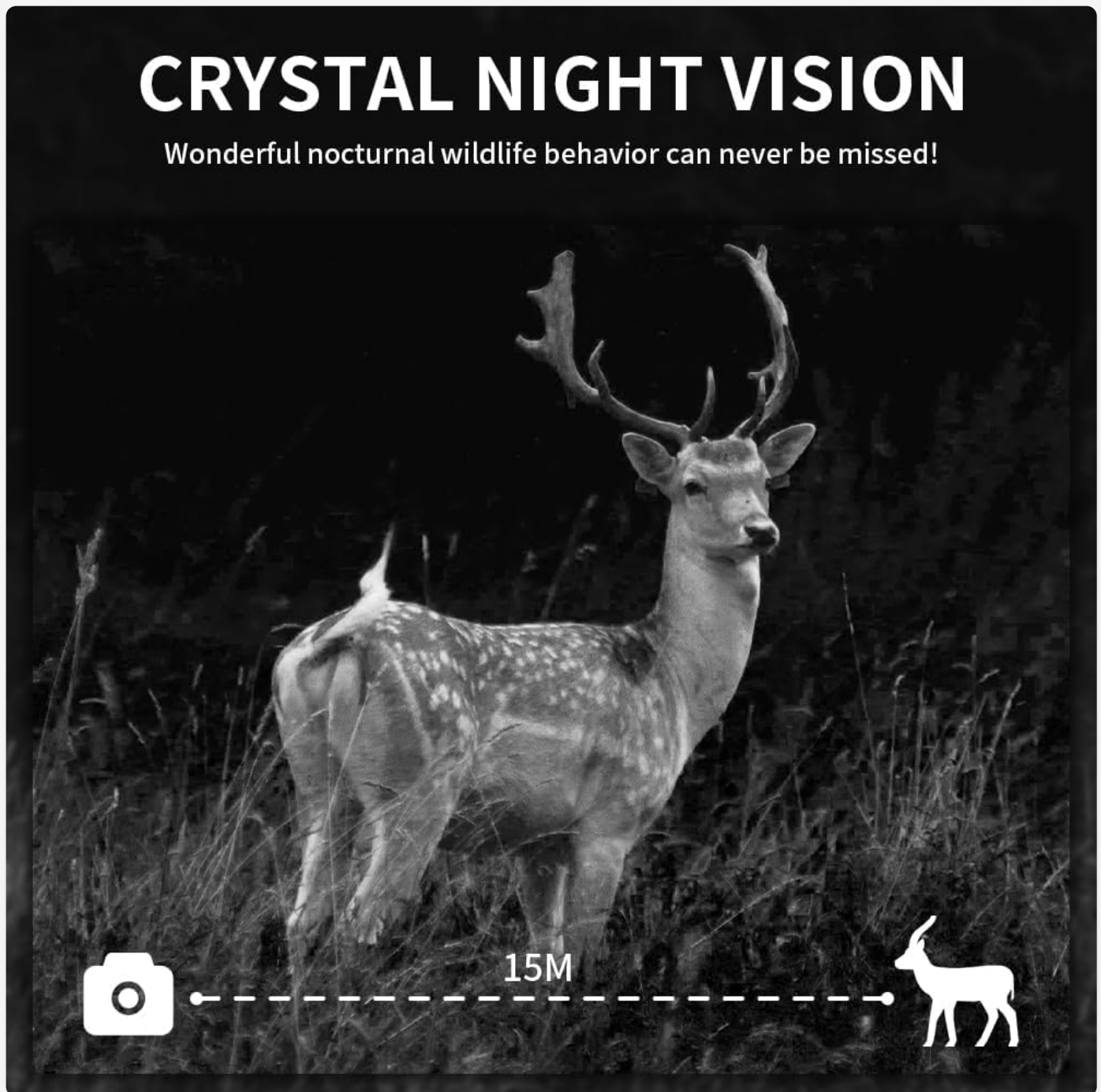


Image: A deer captured by the trail camera using its night vision feature, showing clear detail in low light.

3.5 Data Transfer and Viewing

Recorded photos and videos can be viewed and downloaded directly to your smartphone via the 'TrailCam GO' app. Connect to the camera's Wi-Fi, open the app, and navigate to the gallery section.

4. MAINTENANCE

4.1 Cleaning

Regularly clean the camera lens, PIR sensor, and solar panel with a soft, dry cloth to ensure optimal performance. Avoid using abrasive cleaners or solvents.

4.2 Battery Care

Ensure the solar panel is kept clear of obstructions to maximize charging efficiency. If the camera is stored for an extended period, fully charge the internal battery before storage and periodically recharge it to maintain battery health.

4.3 SD Card Management

Format the SD card periodically using the camera's settings (accessible via the app) to prevent data corruption and ensure optimal recording performance. Replace the SD card if it shows signs of wear or malfunction.

4.4 Weather Resistance

The LMHOME PR903WD camera is rated IP66 for water and dust resistance, making it suitable for outdoor use in various weather conditions, including rain, wind, snow, and ice. Ensure all compartment covers are securely closed to maintain its weather-resistant seal.

IP66 Fearless of Rain, Wind, Snow and Ice



Image: The trail camera demonstrating its IP66 weather resistance against dust, rain, ice, and snow.

5. TROUBLESHOOTING

5.1 Camera Not Powering On

- Check if the power switch is in the 'ON' position.
- Ensure the internal battery is charged. Connect the camera to a power source via USB or ensure the solar panel is receiving adequate sunlight.

5.2 No Recordings or Poor Image Quality

- Verify that the SD card is correctly inserted and has sufficient free space. Format the SD card if necessary.
- Check the camera's settings via the app to ensure the recording mode (photo/video) and resolution are correctly configured.

- Clean the camera lens and PIR sensor to remove any dirt or obstructions.
- Ensure the camera is positioned within the effective range of the subject and that there are no obstructions blocking the PIR sensor.

5.3 App Connection Issues

- Ensure Bluetooth and Wi-Fi are enabled on your smartphone.
- Make sure your smartphone is within 15 meters (49 feet) of the camera and there are no significant physical obstructions.
- Restart both the camera and your smartphone, then try connecting again.
- Check if the 'TrailCam GO' app has the necessary permissions (e.g., location, storage) on your smartphone.

6. SPECIFICATIONS

Model Number	PR903WD
Image Sensor	3 MP CMOS 1/3"
Photo Resolution	Up to 60 MP
Video Resolution	4K/2.7K/1080P/720P
Video Format	MP4 (H.264)
Trigger Time	0.3s - 0.6s
PIR Detection Angle	120 degrees
Lens Angle	100 degrees
IR LEDs	46 pcs 940 nm (No-Glow)
Night Vision Range	1-20 meters (65 feet)
Display Screen	2.0" LCD
Battery	Built-in 5200 mAh
Connectivity	Wi-Fi, Bluetooth, HDMI
Water Resistance	IP66
Operating Temperature	-20°C to 60°C (-4°F to 140°F)
Dimensions	7 x 5 x 14 cm (2.76 x 1.97 x 5.51 inches)
Weight	167 Grams (0.37 lbs)

120° Wide-Angle Field of View

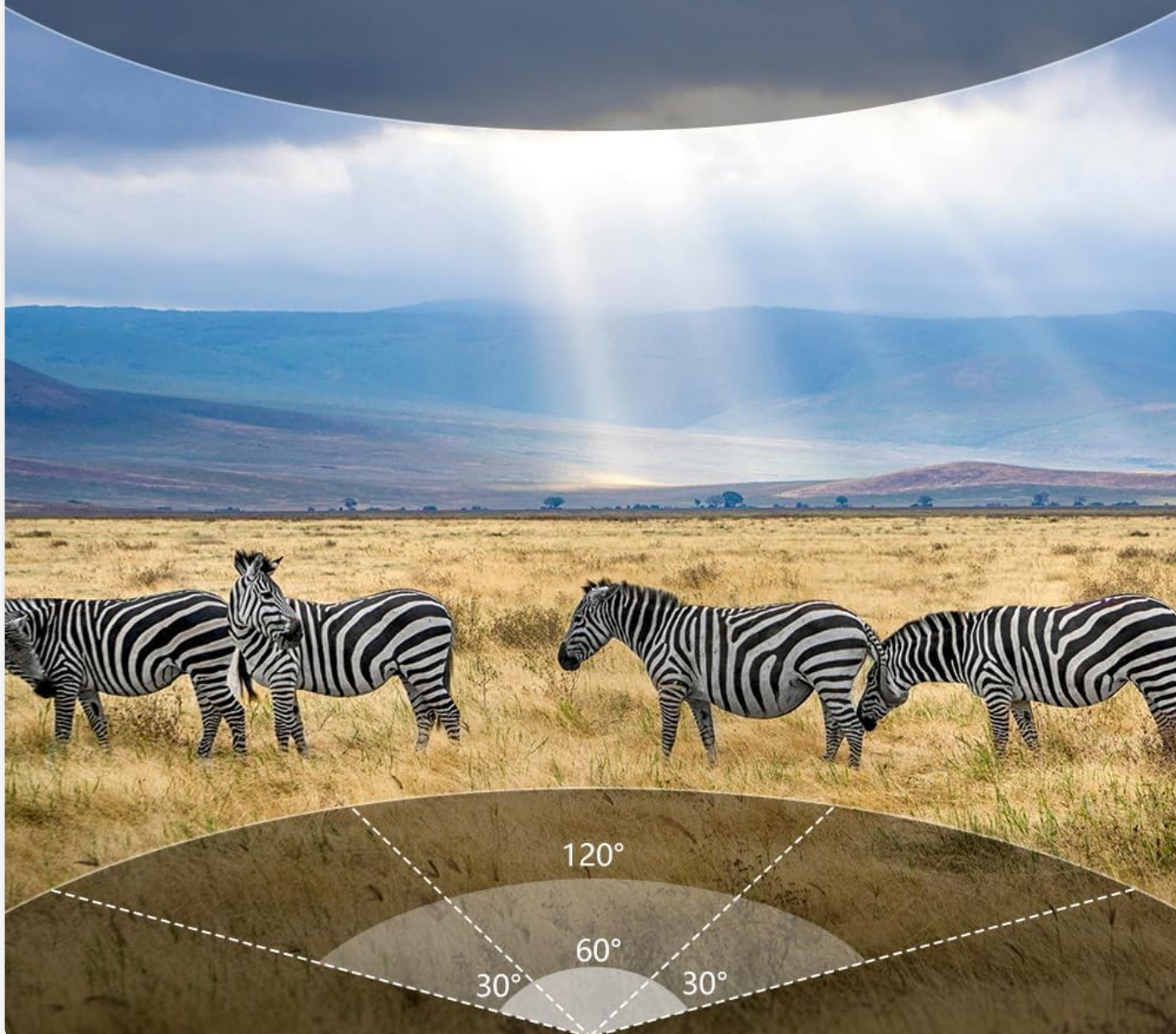


Image: The camera's 120-degree wide-angle field of view, illustrating its broad coverage.

7. WARRANTY AND SUPPORT

For detailed warranty information, technical assistance, or customer support, please refer to the official LMHOME website or contact their customer service department directly. Keep your purchase receipt as proof of purchase for any warranty claims.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question

and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question