

Luowice LWS-V180-2MP-GSUS2

Luowice LWS-V180-2MP-GSUS2 WiFi Outdoor Security Camera User Manual

Model: LWS-V180-2MP-GSUS2 | Brand: Luowice

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Luowice LWS-V180-2MP-GSUS2 WiFi Outdoor Security Camera. This 3MP camera offers a 180-degree panoramic fisheye view, night vision up to 100 feet, two-way audio, and motion detection capabilities, designed for outdoor surveillance.

2. PRODUCT FEATURES

- **180-Degree Panoramic Viewing:** The fisheye lens provides a wide 180-degree field of view, covering a large area with a single camera.
- **3MP HD Video:** Captures clear video at a resolution of up to 2304x1296 pixels.
- **Enhanced Night Vision:** Equipped with infrared LEDs for clear black and white video in low-light conditions, with a range of up to 100 feet (30 meters).
- **Two-Way Audio:** Built-in microphone and speaker allow for real-time communication through the camera.
- **Motion Detection & Alerts:** Receive push notifications and email alerts on your mobile device when motion is detected.
- **Remote Viewing:** Access live video feeds and recorded footage from anywhere using the dedicated mobile application.
- **IP65/IP67 Waterproof Design:** Durable construction ensures reliable operation in various outdoor weather conditions.
- **ONVIF Support:** Compatible with ONVIF-enabled Network Video Recorders (NVRs) and Network Attached Storage (NAS) devices.

3. PACKAGE CONTENTS

Verify that all items are present in the package before proceeding with installation.

- Luowice LWS-V180-2MP-GSUS2 WiFi Outdoor Security Camera
- Power Adapter
- Mounting Screws and Wall Plugs
- Ethernet Cable (for initial setup or wired connection)
- Waterproof Kit for Ethernet Cable
- User Manual
- Allen Wrench (for adjustment)



Figure 3.1: Contents of the Luowice LWS-V180-2MP-GSUS2 package, including the camera, power adapter, mounting hardware, and cables.

4. SETUP GUIDE

4.1 Physical Installation

1. **Choose a Location:** Select an outdoor location that provides the desired viewing angle and is within range of your Wi-Fi network. Ensure the camera is mounted securely.
2. **Mount the Camera:** Use the provided mounting screws and wall plugs to securely attach the camera bracket to the chosen surface. Adjust the camera angle as needed.
3. **Connect Power:** Connect the power adapter to the camera and plug it into a power outlet. The camera will power on and initiate its startup sequence.



Figure 4.1: Example of outdoor camera installation on a building exterior.

4.2 Network Connection (Wi-Fi)

1. **Download the App:** Search for the official Luowice security camera application on your smartphone's app store (e.g., Google Play Store or Apple App Store). Install the application.
2. **Create an Account:** Open the app and follow the on-screen instructions to create a new user account.
3. **Add Camera:** In the app, select the option to add a new device. Follow the prompts to connect the camera to your 2.4GHz Wi-Fi network. This typically involves scanning a QR code on the camera or entering the camera's UID.
4. **Configure Settings:** Once connected, you can configure various settings such as video resolution, motion detection zones, and alert preferences within the app.

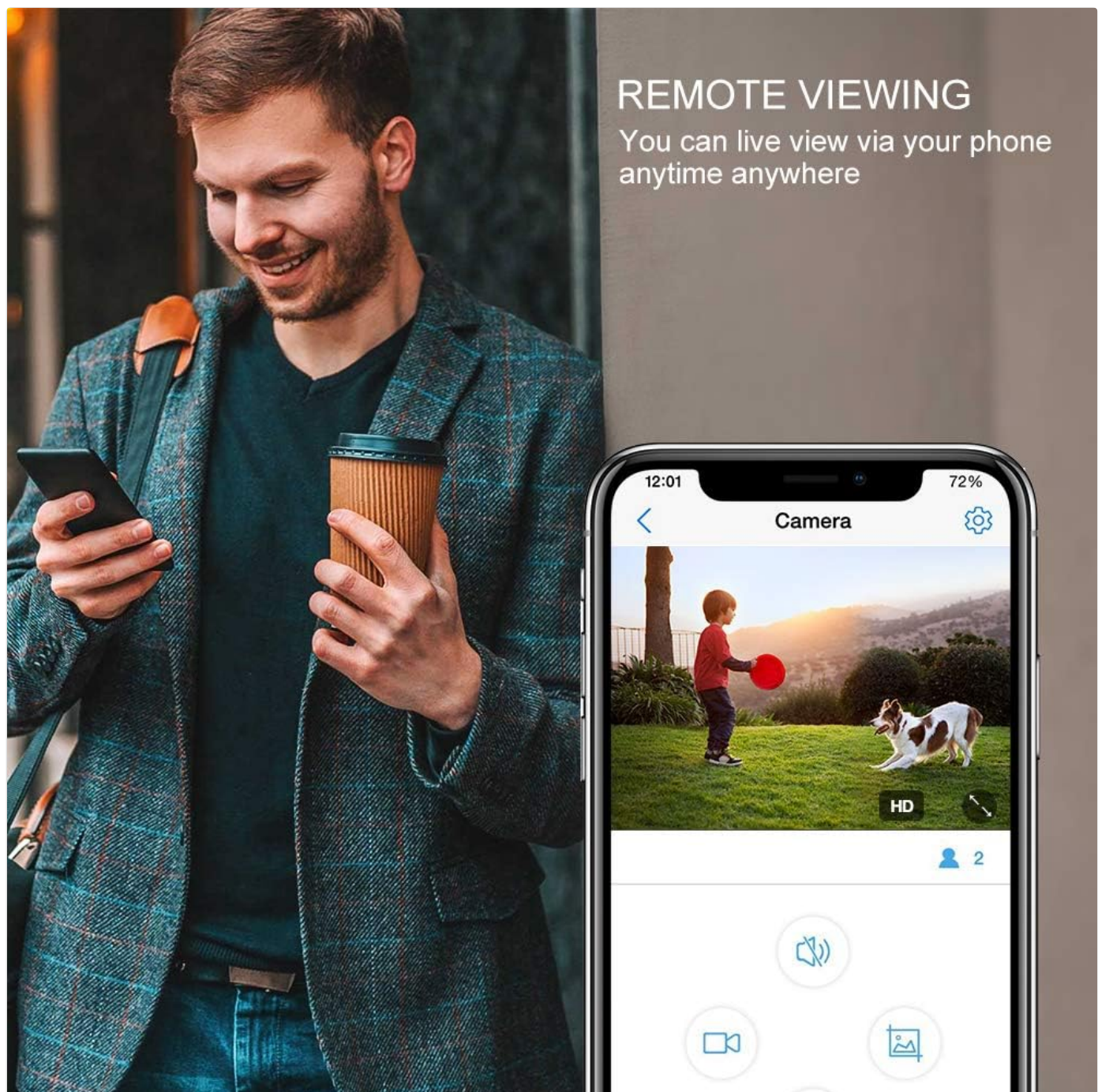


Figure 4.2: Remote viewing of the camera feed via a mobile application.

5. OPERATION

5.1 Live View and Playback

Open the Luowice app on your smartphone or tablet. Select your camera from the device list to view the live feed. You can switch between HD and SD resolution. To view recorded footage, access the playback option within the app and select the desired date and time.



Figure 5.1: Example of the 180-degree panoramic view from the camera.

5.2 Two-Way Audio

To use the two-way audio feature, tap the microphone icon in the live view interface of the app. Speak into your phone's microphone to transmit audio through the camera's speaker. Tap the speaker icon to listen to audio from the camera's microphone.



Figure 5.2: Using the two-way audio feature via the mobile app.

5.3 Motion Detection

Configure motion detection sensitivity and detection zones within the app's settings. When motion is detected, the camera will trigger recording and send alerts to your configured devices (push notifications, email).

Motion Detection

When motion is detected, alert will be send to your phone/email.

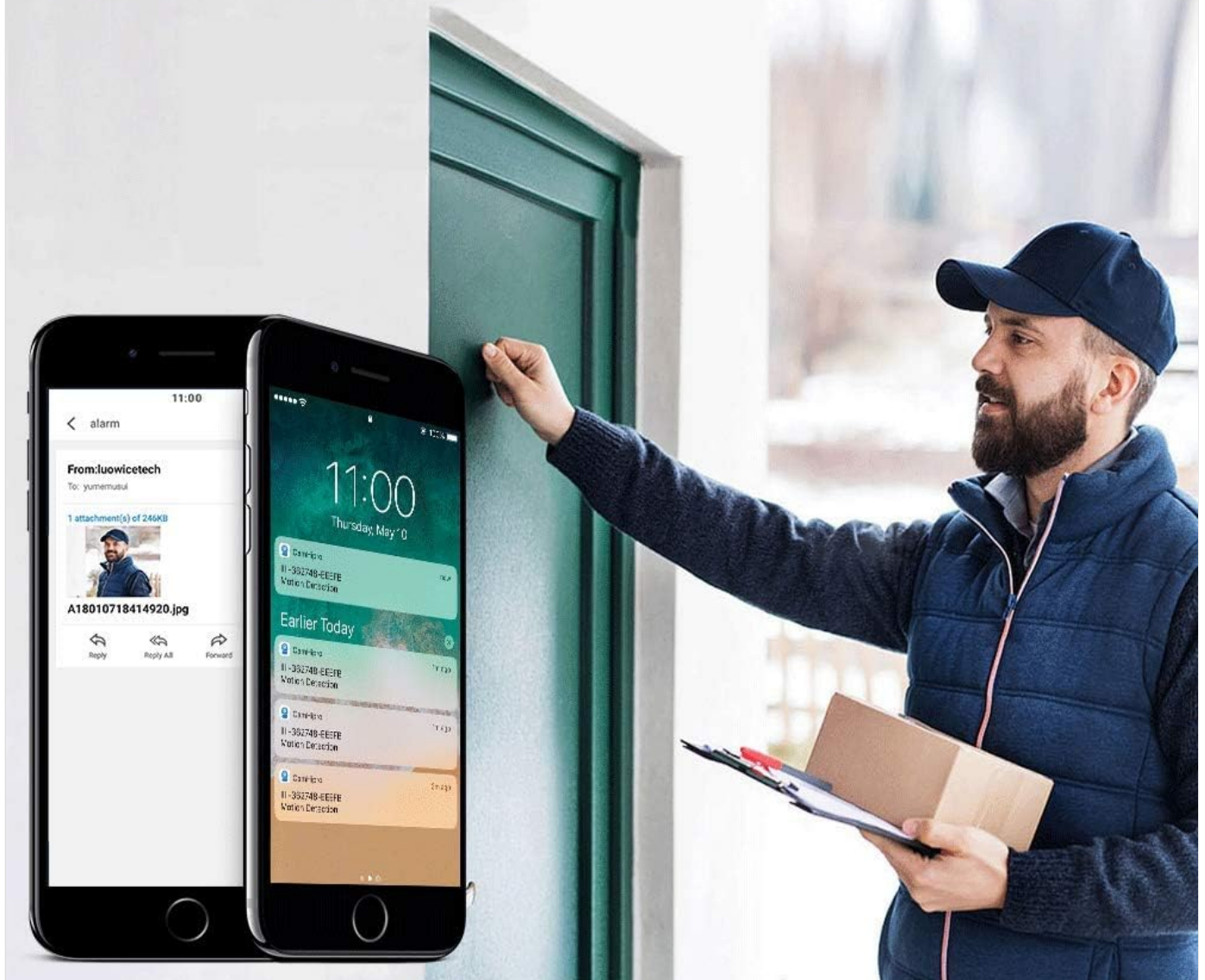


Figure 5.3: Motion detection alert notification on a smartphone.

5.4 Night Vision

The camera automatically switches to night vision mode in low-light conditions. The infrared LEDs provide illumination for clear black and white video up to 100 feet. Ensure no obstructions block the infrared lights for optimal performance.

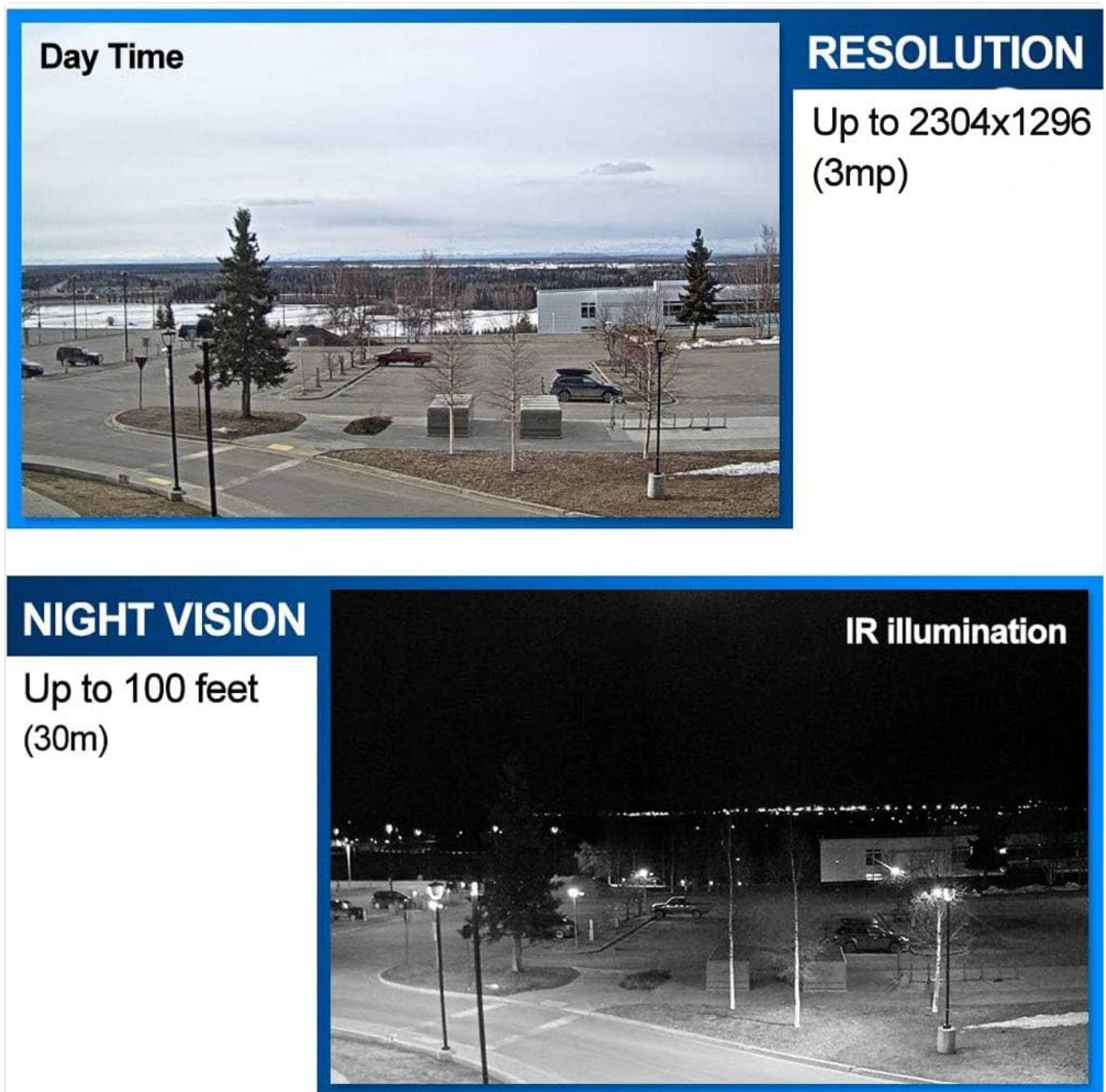


Figure 5.4: Comparison of daytime and night vision footage.

5.5 Video Embedding

Your browser does not support the video tag.

Video 5.5: This video demonstrates the key features of the Luowice WiFi Security Camera, including its 180-degree wide-viewing angle, IP66 waterproof rating, 1080P HD clear image quality, 100ft night vision, two-way audio, auto-cruise function, and smart motion detection with push notifications and email alerts.

6. MAINTENANCE

- **Cleaning:** Regularly clean the camera lens with a soft, damp cloth to ensure clear image quality. Do not use harsh chemicals or abrasive materials.
- **Firmware Updates:** Check the app periodically for available firmware updates to ensure optimal performance and security.
- **Power Supply:** Ensure the power adapter and cable are free from damage. Replace if any wear or tear is observed.

- **Waterproof Integrity:** Periodically inspect the camera housing and cable connections for any signs of damage that could compromise its waterproof rating.



Figure 6.1: The camera's waterproof design allows it to withstand outdoor elements.

7. TROUBLESHOOTING

- **Camera Not Connecting to Wi-Fi:**

- Ensure your Wi-Fi network is 2.4GHz. This camera does not support 5GHz Wi-Fi.
- Verify the Wi-Fi password is entered correctly in the app.
- Place the camera closer to the Wi-Fi router during initial setup.
- Restart both the camera and your Wi-Fi router.

- **Poor Image Quality:**

- Clean the camera lens.
 - Ensure sufficient lighting during the day.
 - Check for obstructions blocking the camera's view or infrared lights at night.
 - Verify the app is set to HD resolution for live view.
- **Motion Detection Not Working:**
 - Check motion detection settings in the app, including sensitivity and detection zones.
 - Ensure notifications are enabled for the app on your mobile device.
 - Verify the camera has a stable network connection.
- **No Two-Way Audio:**
 - Ensure the microphone and speaker icons are enabled in the app during live view.
 - Check your phone's volume settings.
 - Verify the camera's microphone and speaker are not physically obstructed.

8. SPECIFICATIONS

Feature	Specification
Model Number	LWS-V180-2MP-GSUS2
Image Sensor	1/2.7" 2MP CMOS
Max Image Resolution	2304x1296 (3MP)
Horizontal Field of View	180°
Night Vision Range	Up to 100 feet (30m)
Connectivity	Wi-Fi (IEEE802.11/b/g/n, 2.4GHz)
Audio	Built-in Microphone and Speaker (Two-Way Audio)
Water Resistance Level	IP65, IP67 (Waterproof)
Operating Temperature	22-131°F (-5 to 55°C)
Video Compression	H.264
Power Source	AC/DC Adapter
Dimensions (L x W x H)	7.1 x 4 x 4.1 inches
Item Weight	1.3 pounds
Compatible Devices	Smartphone (Android, iOS)
Control Method	Remote (via App)
Special Features	Motion Sensor, Night Vision

9. WARRANTY AND SUPPORT

Luowice products are designed for reliability and performance. For specific warranty information, please refer to the warranty card included in your product packaging or visit the official Luowice website. For technical support, troubleshooting assistance, or further inquiries, please contact Luowice customer service through the contact information provided on their official website or within the mobile application.

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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