

REIGY RG-210N-4110W

REIGY 3MP WiFi Security Camera System User Manual

Model: RG-210N-4110W

1. PRODUCT OVERVIEW

The REIGY 3MP WiFi Security Camera System provides a robust and reliable solution for home and outdoor surveillance. This system includes an 8-channel NVR and four 1296P IP cameras, offering high-definition video, two-way audio, color night vision, and motion detection capabilities. Designed for ease of use, it supports remote viewing via mobile applications and PC software, ensuring you can monitor your property from anywhere.



Image: The complete REIGY 3MP WiFi Security Camera System, showing the NVR unit and four wireless cameras.

2. KEY FEATURES

- **Pro HD 3MP Resolution:** Captures clear and detailed video at 2304 x 1296 pixels.
- **Color Night Vision:** Features infrared, spotlight, and smart modes for clear visibility in low-light conditions.
- **Two-Way Audio:** Built-in speaker and microphone allow for real-time communication.
- **IP66 Waterproof:** Durable aluminum housing ensures reliable performance in various weather conditions.
- **24-Hour Continuous Recording:** Supports up to 6TB hard disk drive (HDD not included) with automatic overwrite function.
- **Remote Viewing:** Access live and recorded footage via the Eseecloud app on iOS, Android, and PC.
- **8-Channel System:** Includes 4 cameras and allows for expansion up to 8 REIGY 1296P cameras.
- **Motion Detection:** Customizable detection zones and sensitivity with instant alerts.



Intelligent auto IR-CUT fliter switches between day and night to provide you 24/7 monitoring with high resolution images and stunning infraed night vision

Image: Visual representation of the camera's features including 3MP resolution, wide view angle, two-way audio, waterproof design, and motion detection.

Full **Color** Night Vision

Full Color Night Vision with Spotlight

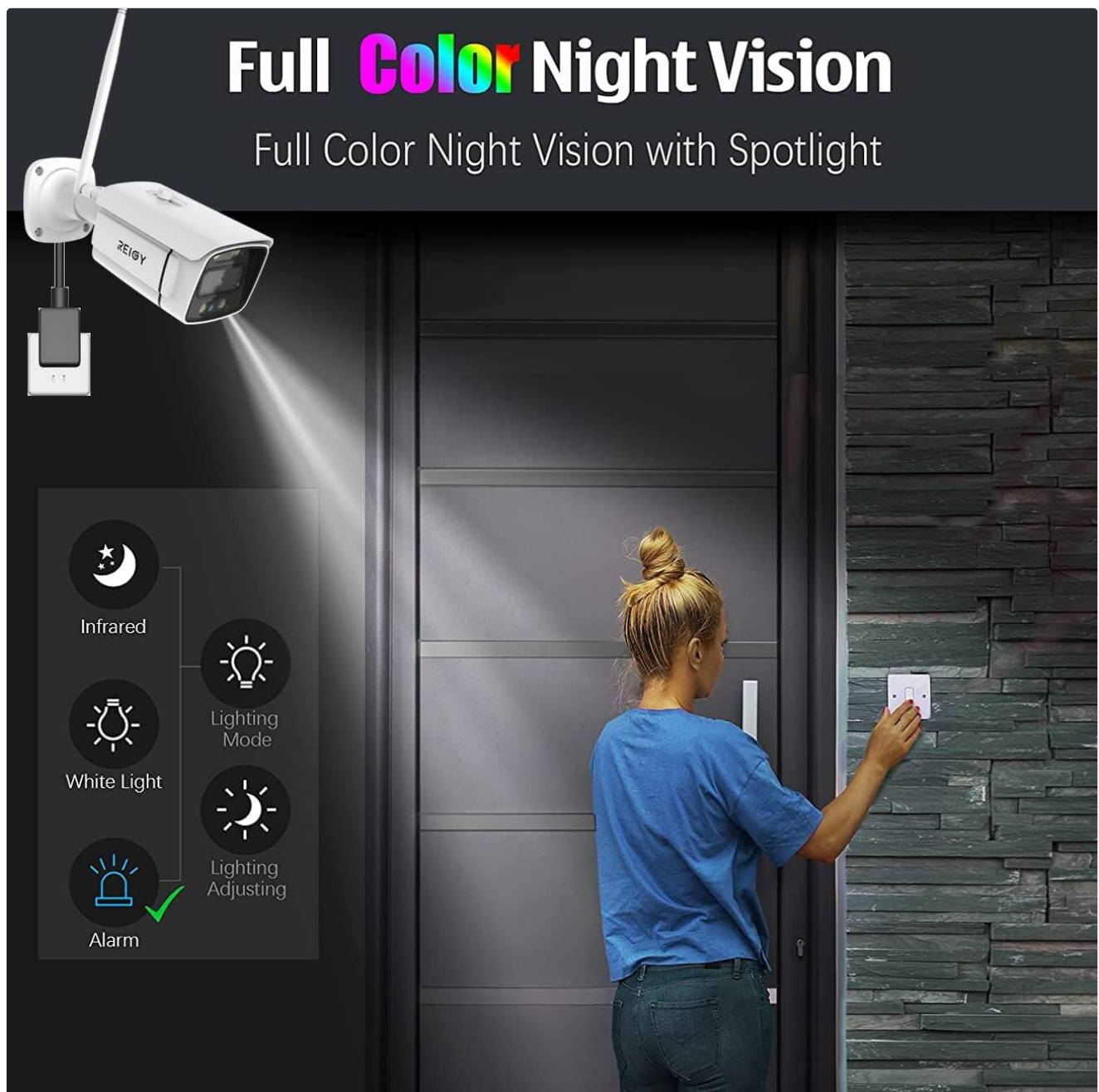


Image: Depiction of the Full Color Night Vision capability, highlighting the spotlight feature and various lighting modes.

3. PACKAGE CONTENTS

Please verify that all items listed below are included in your package:

- 1x 8CH NVR Recorder
- 4x 2-Way Audio Cameras
- 1x Ethernet Cable
- 1x USB Mouse
- 4x Camera Power Adapters
- 1x NVR Power Adapter
- 4x Screw & Waterproof Joint Kits
- 1x WiFi Extension Antenna

Note: Hard drive for storage is NOT included and must be purchased separately.

Plug & Play Wireless connect



01. Simple Connection



02. Local Viewing



03. Remote Monitoring

Image: A visual guide to the contents of the product package, including the NVR, cameras, and all necessary accessories.

4. SETUP GUIDE

4.1 Initial Connection

1. Connect the NVR to a power source using the provided power adapter.
2. Connect the NVR to a monitor or TV via HDMI or VGA cable.
3. Connect the USB mouse to the NVR's USB port.
4. Connect each camera to its respective power adapter and plug into an electrical outlet. The cameras will automatically pair with the NVR.

Wireless Signal Repeater



Expand up to 8 Cameras in total

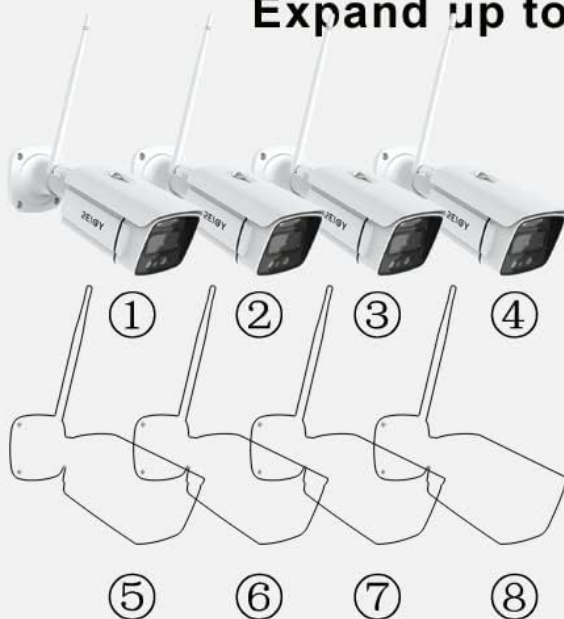


Image: Illustration of the basic plug-and-play setup, demonstrating power connections for the NVR and cameras, and options for local and remote viewing.

4.2 Hard Drive Installation (Optional)

If you wish to record and store footage, you will need to install a 3.5-inch SATA hard drive (up to 6TB) into the NVR. Refer to the NVR's internal diagram for proper installation steps. Ensure the NVR is powered off before installing the hard drive.

4.3 Network Connection

For remote viewing and advanced features, connect the NVR to your router using the provided Ethernet cable. Alternatively, the system supports wireless connection to your network.



Image: A visual comparison highlighting the superior clarity of 1296P resolution provided by the REIGY cameras.

4.4 Mobile App Setup (Eseecloud)

1. Download the "Eseecloud" app from the App Store (iOS) or Google Play Store (Android). You can also scan the QR code on the NVR or product packaging.
2. Register an account and log in.
3. On the app, select "Add Device" and scan the QR code displayed on the NVR's monitor or the NVR itself.
4. Follow the on-screen prompts to complete the device addition.



Image: Instructions for downloading the Eseecloud app, connecting to Wi-Fi, and utilizing features like alarm notifications and multi-user sharing.

4.5 Expanding Your System

The 8-channel NVR supports up to 8 cameras. You can add additional REIGY 1296P cameras (model B09LM5WL28) to expand your surveillance coverage. The system also features a wireless signal repeater function to extend the range of your cameras.

Accessories included

The Show



1X

8CH NVR Recorder



1X

Ethernet Cable & Mouse



1X

Wifi Extension Antenna



4X

2Way-audio Camera



4X

Camera & NVR Adapter



4X

Screw & Waterproof Joint

Image: Diagram explaining how the NVR acts as a wireless signal repeater, allowing for expanded camera coverage up to 8 units.

5. OPERATING INSTRUCTIONS

5.1 Live View

Once connected, you can view live footage from all cameras on your monitor or through the Eseecloud app. Use the mouse connected to the NVR to navigate the on-screen interface.

5.2 Recording

The system is set for 24-hour continuous recording by default if a hard drive is installed. You can also configure motion-triggered recording through the NVR settings or the mobile app. When the hard drive is full, older footage will be automatically overwritten.



Image: A visual timeline demonstrating the system's 24-hour recording capability, highlighting events captured with 1296P resolution, motion detection, and colorful night vision.

5.3 Playback

Access recorded footage through the NVR's playback menu or the Eseecloud app. You can search by date, time, or event (e.g., motion detection).

5.4 Two-Way Audio

Utilize the two-way audio feature to communicate with individuals near the camera. This is accessible through the Eseecloud app. Tap the microphone icon in the live view to speak, and listen through the app's speaker.

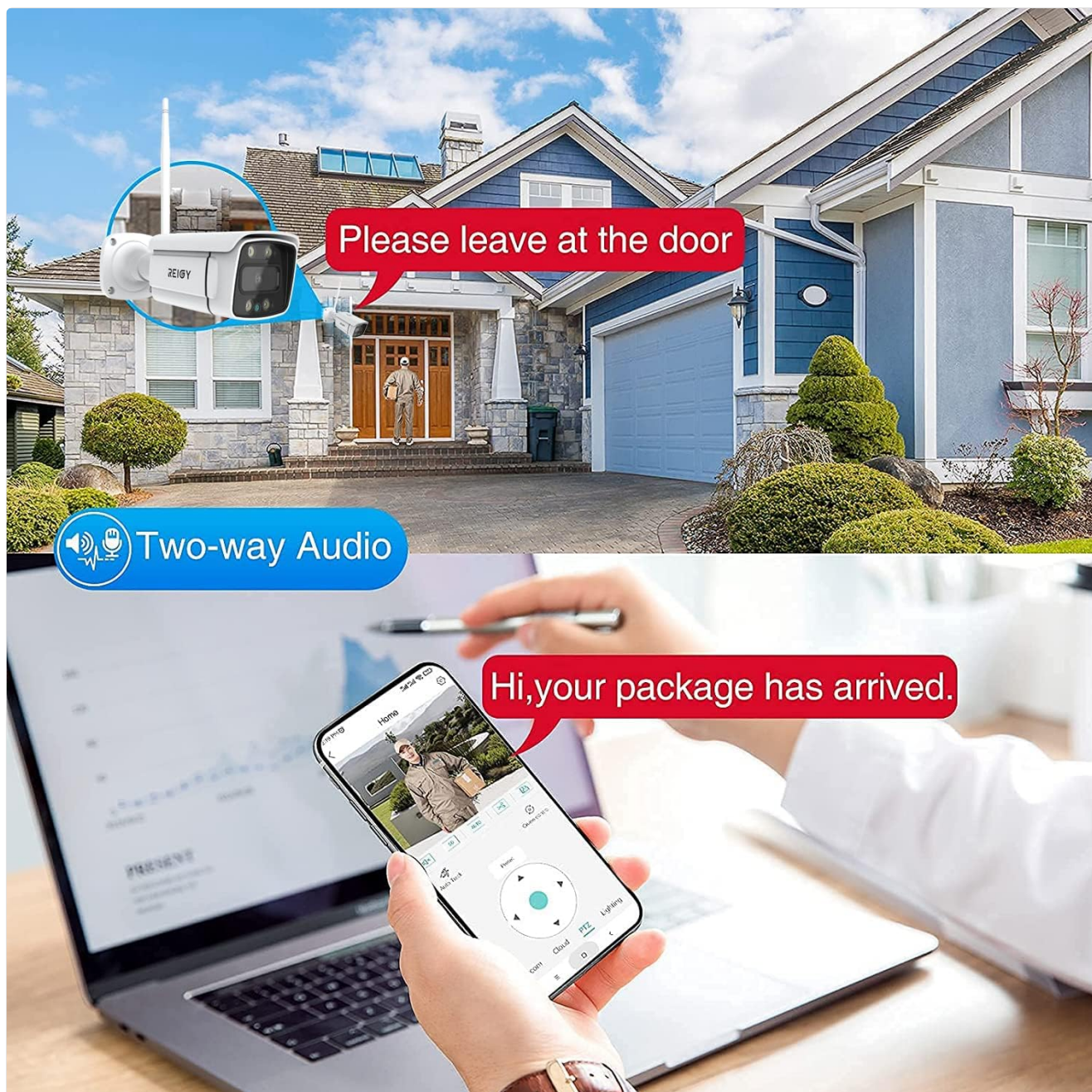


Image: A scenario illustrating the two-way audio function, where a person at the door can communicate with someone viewing remotely via the app.

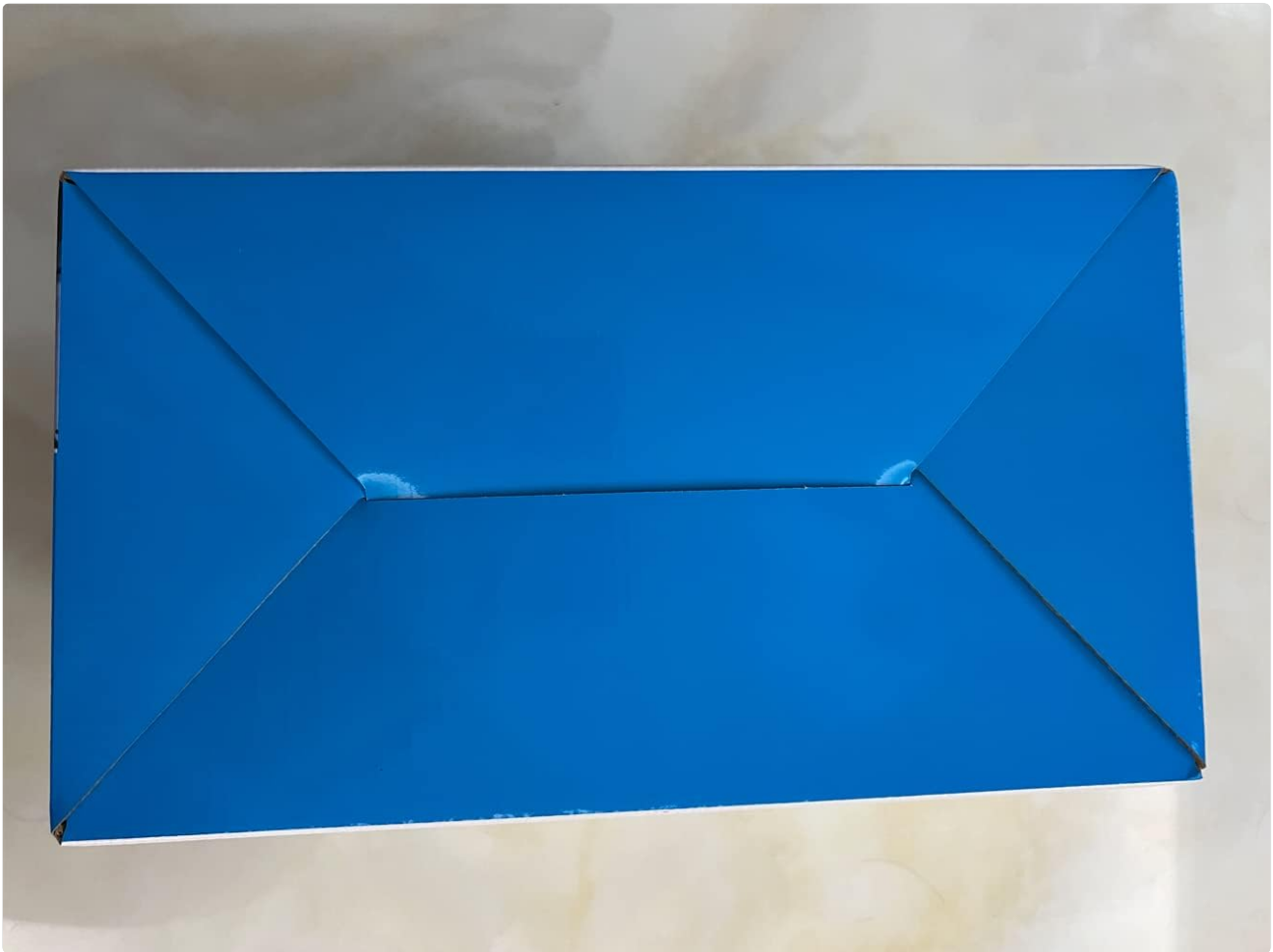


Image: An example of using two-way audio for communication, such as a parent speaking to a child through the camera.

5.5 Night Vision Modes

The cameras offer three night vision modes:

- **Infrared Mode:** Standard black and white night vision.
- **Spotlight Mode:** Activates built-in spotlights for full-color night vision.
- **Smart Mode:** Automatically switches between infrared and spotlight mode based on detected motion.

5.6 Motion Detection Settings

Configure motion detection zones and sensitivity levels through the NVR's menu or the Eseecloud app to minimize false alarms and receive relevant alerts.

6. MAINTENANCE

- **Cleaning:** Regularly clean the camera lenses with a soft, damp cloth to ensure clear image quality. Do not use harsh chemicals.
- **Connection Check:** Periodically check all power and network connections to ensure they are secure.
- **Firmware Updates:** Check the REIGY official website or the Eseecloud app for any available firmware updates to ensure optimal performance and security.
- **Hard Drive Management:** If using a hard drive, ensure it has sufficient space or that the overwrite function is enabled. Consider backing up important footage periodically.

7. TROUBLESHOOTING

7.1 No Image/Video Display

- Ensure all cameras and the NVR are properly powered on.
- Check the HDMI/VGA cable connection between the NVR and the monitor.
- Verify that cameras are paired with the NVR. If not, re-pair them according to the NVR's instructions.

7.2 No Audio

- Ensure the microphone and speaker settings are enabled in the NVR or app.
- Check the volume levels on your monitor/app.

7.3 Motion Detection Not Working

- Verify that motion detection is enabled for the specific camera in the settings.
- Adjust the sensitivity and detection zones to cover the desired areas.
- Ensure there are no obstructions blocking the camera's view.

7.4 Remote Access Issues

- Ensure the NVR is connected to the internet (wired or wireless).
- Verify your mobile device has a stable internet connection.
- Confirm the NVR is properly added to your Eseecloud app account.
- If initial setup requires a wired connection to the router, ensure this step is completed before relying solely on wireless.

8. SPECIFICATIONS

Feature	Specification
Brand	REIGY
Model Number	RG-210N-4110W
Connectivity Technology	Wireless
Video Capture Resolution	1296p (3MP)
Special Features	Waterproof, Night Vision, Motion Sensor, Two-Way Audio
Number of Channels	8 (expandable to 10)
Color	White
Power Source	AC Powered (via adapters)
Item Dimensions (L x W x H)	11.81 x 7.09 x 5.51 inches
Recommended Uses	Security, Monitoring, Surveillance
Night Vision Range	Up to 100 Feet

Feature	Specification
Recording Mode	Continuous, Motion Detection
Total USB Ports	1
Hardware Interface	802.11 b/g/n
Item Weight	7.76 pounds
Country of Origin	China

9. WARRANTY AND SUPPORT

REIGY provides a **1-year warranty** for this product. Additionally, lifetime technical support is available to assist you with any questions or issues you may encounter.

For technical assistance or warranty claims, please contact REIGY customer support through the contact information provided on the product packaging or the official REIGY website.

For app downloads and further resources, visit: <http://www.dvr163.com/download/indexm.php>

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Question

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Details

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

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