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Sercomm Corp RC8230D

SERCOMM RC8230D Indoor Pan-Tilt Security IP Camera User Manual

Model: RC8230D | Brand: Sercomm Corp

1. INTRODUCTION

This user manual provides comprehensive instructions for the setup, operation, and maintenance of your SERCOMM RC8230D Indoor Pan-Tilt Security IP Camera. Designed for indoor security, this camera offers features such as electronic pan and tilt, wireless connectivity, and motion detection capabilities. Please read this manual thoroughly before using the device to ensure proper functionality and safety.

2. SAFETY INFORMATION

Please observe the following safety precautions to prevent damage to the device or injury to yourself:

- Use only the power adapter supplied with the camera.
- Do not expose the camera to water or moisture. This device is designed for indoor use only.
- Avoid placing the camera in direct sunlight or near heat sources.
- Do not attempt to disassemble or modify the camera. This will void the warranty.
- Keep the camera and its accessories out of reach of children and pets.
- Ensure proper ventilation around the camera to prevent overheating.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- SERCOMM RC8230D Indoor Pan-Tilt Security IP Camera
- Power Adapter (AC/DC)
- Mounting Bracket and Screws
- Quick Start Guide (not included in this manual)



Figure 3.1: Package Contents. The image displays the SERCOMM RC8230D camera, its power adapter, and a mounting bracket, all neatly packed in their original packaging.

4. PRODUCT OVERVIEW

The SERCOMM RC8230D is a dome-style indoor security camera featuring electronic pan and tilt capabilities for wide area coverage. It connects wirelessly via Wi-Fi and includes a motion sensor for alerts.



Figure 4.1: SERCOMM RC8230D Camera Front View. This image shows the compact, white dome-style camera with its dark lens housing, base, and a visible Wi-Fi antenna on the right side. Indicator lights for Power, Active, and Network are visible below the lens.

4.1. Components and Indicators

- **Camera Lens:** The primary component for video capture. Features color recording during the day and black & white recording at night.
- **Pan-Tilt Mechanism:** Allows for electronic adjustment of the camera's viewing angle horizontally (pan) and vertically (tilt).
- **Wi-Fi Antenna:** Provides wireless connectivity to your network.
- **Power Indicator:** (Typically green) Illuminates when the camera is powered on.
- **Active Indicator:** (Typically amber/orange) Indicates camera activity, such as recording or motion detection.
- **Network Indicator:** (Typically blue) Shows the status of the network connection.
- **Power Port:** Connects to the supplied AC/DC power adapter.

5. SETUP

5.1. Powering On

1. Connect the supplied AC/DC power adapter to the camera's power port.
2. Plug the power adapter into a standard electrical outlet.
3. The Power indicator light on the camera should illuminate, indicating it is receiving power.

5.2. Network Connection (Wi-Fi)

The camera connects to your network via Wi-Fi. Specific steps for connecting to your Wi-Fi network will depend on the accompanying mobile application or software provided by Sercomm. Generally, the process involves:

1. Download and install the official Sercomm camera application on your smartphone or tablet.
2. Follow the in-app instructions to add a new device. This typically involves scanning a QR code on the camera or manually entering its serial number.
3. Select your Wi-Fi network (2.4GHz band recommended) and enter the password.
4. Once connected, the Network indicator light on the camera should show a stable status (e.g., solid blue).

5.3. Mounting the Camera

The camera can be placed on a flat surface or mounted to a ceiling using the provided bracket.

1. For Ceiling Mount:

- Choose a suitable location on the ceiling, ensuring it is within Wi-Fi range and has access to a power outlet.
- Use the mounting bracket as a template to mark screw holes on the ceiling.
- Drill pilot holes if necessary and secure the mounting bracket to the ceiling using the provided screws.
- Attach the camera securely to the mounting bracket, following the specific locking mechanism of the bracket.

2. For Desktop Placement:

- Place the camera on a stable, flat surface in your desired monitoring area.
- Ensure the camera has a clear line of sight to the area you wish to monitor.

6. OPERATING THE CAMERA

Once the camera is set up and connected to your network, you can control and monitor it using the official Sercomm application.

6.1. Live View and Pan-Tilt Control

- Open the Sercomm application on your device.
- Select your RC8230D camera from the list of devices to access the live video feed.
- Use the on-screen controls (typically arrows or a joystick interface) to electronically pan (move horizontally) and tilt (move vertically) the camera lens to adjust the viewing angle.
- *Note:* Panning speed may vary.

6.2. Recording and Image Quality

- The camera records in color during daylight conditions.
- In low-light or dark conditions, the camera automatically switches to black and white (B&W) night recording for enhanced visibility.
- Recording options (continuous, motion-triggered) and video quality settings can typically be configured within the application.

6.3. Motion Detection and Alerts

- The camera features a motion sensor that can detect movement within its field of view.
- Configure motion detection sensitivity and alert preferences in the application settings.
- When motion is detected, the camera can trigger recordings and send push notifications to your connected device (Alert Type: Motion Only).

7. MAINTENANCE

Regular maintenance helps ensure the longevity and optimal performance of your camera.

- **Cleaning:** Gently wipe the camera lens and body with a soft, dry, lint-free cloth. Do not use liquid cleaners or abrasive materials.
- **Firmware Updates:** Periodically check the Sercomm application for available firmware updates. Keeping the firmware updated ensures the latest features and security patches.
- **Power Cycle:** If the camera becomes unresponsive, disconnect the power adapter, wait 10 seconds, and then reconnect it.

8. TROUBLESHOOTING

If you encounter issues with your SERCOMM RC8230D camera, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Camera not powering on	Power adapter not connected or faulty outlet.	Ensure the power adapter is securely connected to the camera and a working electrical outlet. Try a different outlet.
Cannot connect to Wi-Fi	Incorrect Wi-Fi password, camera too far from router, or 5GHz network selected.	Verify Wi-Fi password. Move camera closer to the router. Ensure your router is broadcasting a 2.4GHz network and you are connecting to it.
Live view is choppy or lags	Weak Wi-Fi signal or network congestion.	Improve Wi-Fi signal strength by moving the camera closer to the router or using a Wi-Fi extender. Reduce other network activity.

Problem	Possible Cause	Solution
Pan/Tilt movement is slow or unresponsive	Network latency or internal mechanism issue.	Check network connection stability. Perform a power cycle on the camera. If the issue persists, contact Sercomm support.
No motion detection alerts	Motion detection not enabled or sensitivity too low in app settings.	Go to the camera settings in the Sercomm app and ensure motion detection is enabled and sensitivity is adjusted appropriately. Check notification settings on your phone.

9. SPECIFICATIONS

Key technical specifications for the SERCOMM RC8230D Indoor Pan-Tilt Security IP Camera:

Feature	Detail
Brand	Sercomm Corp
Model	RC8230D
Connectivity Technology	Wireless (Wi-Fi)
Power Source	AC/DC
Indoor/Outdoor Usage	Indoor
Form Factor	Dome
Mounting Type	Ceiling Mount
Special Feature	Motion Sensor, Electronic Pan-Tilt
Low Light Technology	Night Color (B&W at night)
Alert Type	Motion Only
Video Capture Format	MPEG-4
UPC	704660549083

10. WARRANTY AND SUPPORT

For information regarding product warranty, please refer to the warranty card included with your product or contact the retailer or manufacturer directly. Sercomm Corp is the manufacturer of this device.

For technical support, troubleshooting beyond this manual, or inquiries about replacement parts, please visit the official Sercomm Corp website or contact their customer service department. Contact details are typically found on the manufacturer's website or in the product packaging.

