

## Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

› [REOLINK](#) /

› [REOLINK RP-PCT8M 4K PoE Security Camera User Manual](#)

## REOLINK RP-PCT8M

# REOLINK RP-PCT8M 4K PoE Security Camera User Manual

Model: RP-PCT8M

## 1. INTRODUCTION

---

This manual provides detailed instructions for the installation, operation, and maintenance of your REOLINK RP-PCT8M 4K PoE Security Camera. This pro-grade camera features 4K Ultra HD resolution, customizable color night vision, a wide 125° diagonal view, AI-driven detection, two-way talk, and IP67 weatherproof rating for reliable outdoor and indoor surveillance.



Image: The REOLINK RP-PCT8M 4K PoE Security Camera, highlighting its 4K Ultra HD capability and 125° diagonal view.

## 2. PACKAGE CONTENTS

---

Verify that all components are present in your package:

- 1 x REOLINK RP-PCT8M 4K PoE Security Camera
- Mounting Template

- Mounting Screws and Wall Anchors
- Waterproof Lid for Network Connector
- Quick Start Guide

## 3. INSTALLATION

---

### 3.1 Mounting the Camera

The RP-PCT8M camera supports both wall and ceiling mounting. Choose a location that provides the desired viewing angle and is within reach of your Ethernet cable.

1. **Prepare the Mounting Surface:** Use the provided mounting template to mark the screw holes on your chosen surface.
2. **Drill Holes:** Drill pilot holes at the marked positions. Insert wall anchors if mounting on drywall or masonry.
3. **Secure the Camera:** Align the camera's base with the holes and secure it using the provided screws.



Image: Various mounting options for the REOLINK RP-PCT8M camera, including wall and ceiling installations.

### 3.2 Power over Ethernet (PoE) Connection

The RP-PCT8M camera utilizes Power over Ethernet (PoE) technology, allowing both power and data transmission through a single Ethernet cable. This simplifies installation.

1. **Connect Ethernet Cable:** Connect one end of an Ethernet cable to the camera's network port.
2. **Apply Waterproof Lid:** For outdoor installations, ensure the waterproof lid is correctly installed over the Ethernet connection to protect against moisture.
3. **Connect to PoE Device:** Connect the other end of the Ethernet cable to a PoE-enabled NVR, PoE switch, or PoE injector.
4. **Power On:** Once connected, the camera will power on automatically.



Image: Diagram illustrating the simple Power over Ethernet (PoE) setup, requiring only one cable for power and data.

## 4. INITIAL SETUP & APP CONFIGURATION

---

To access and manage your camera, download the REOLINK app on your smartphone (Android or iOS) or use the client software on your computer.

1. **Download the REOLINK App:** Search for "REOLINK" in the App Store (iOS) or Google Play Store (Android) and install the application.
2. **Add Device:** Open the app, tap the "+" icon to add a new device. Scan the QR code on the camera body or enter the UID manually.
3. **Initial Configuration:** Follow the on-screen prompts to set up a password for your camera and configure basic settings like time zone and Wi-Fi (if applicable, though this is a wired camera, network settings are still relevant).

## 5. KEY FEATURES & OPERATION

---

### 5.1 4K Ultra HD Video at 25fps

The camera captures video in 4K (3840\*2160) resolution at 25 frames per second, providing clear and detailed footage for both live viewing and playback.

### 5.2 Customizable Color Night Vision

The RP-PCT8M offers flexible night vision options. You can configure the built-in spotlights to activate upon detection, remain always on, or stay off. The F1.6 aperture enhances low-light performance for clearer nighttime images.

## Reveal Critical Details Even at Night

Equipped with built-in spotlights and IR LEDs, it captures full-color or black-and-white night vision, ensuring security after dark.

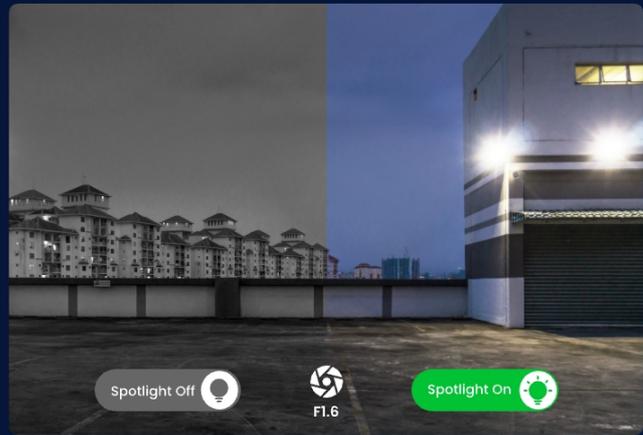


Image: Comparison of standard night vision and enhanced color night vision with spotlights on, demonstrating improved clarity.

### 5.3 125° Diagonal View

Equipped with a 2.8mm lens, the camera provides a wide 125° diagonal field of view, allowing for broader coverage of your surveillance area.

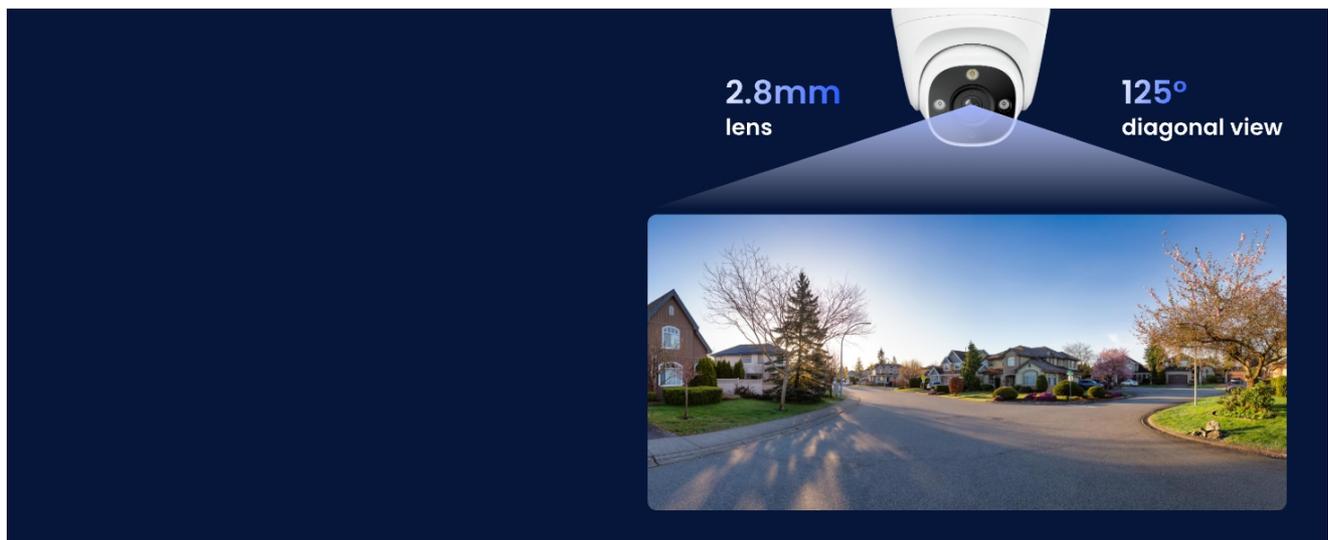


Image: Visual representation of the camera's wide 125° diagonal viewing angle, capturing a broad outdoor scene.

### 5.4 AI-Driven Detection & Alerts

The camera features advanced AI detection capabilities, distinguishing between people, vehicles, and animals. It also includes perimeter protection and smart event detection (beta) for precise alerts, reducing false alarms.

- **Person/Vehicle/Animal Detection:** Receive alerts only when relevant objects are detected.
- **Perimeter Protection:** Define specific zones or lines to trigger alerts when crossed.
- **Event-Specific Alerts:** Notifications specify the type of event detected for quicker response.

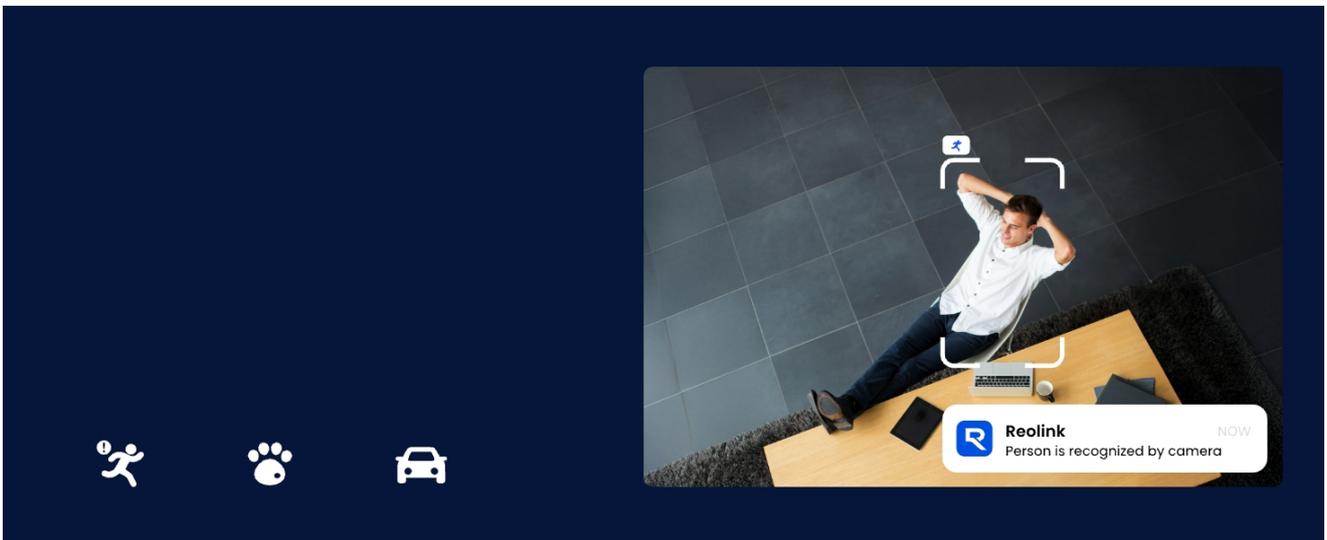


Image: An overhead view showing a person detected by the camera, with an on-screen notification indicating "Person is recognized by camera."

## 5.5 Two-Way Talk

Utilize the built-in microphone and speaker for two-way audio communication through the REOLINK app. This allows you to listen in and speak to individuals near the camera.

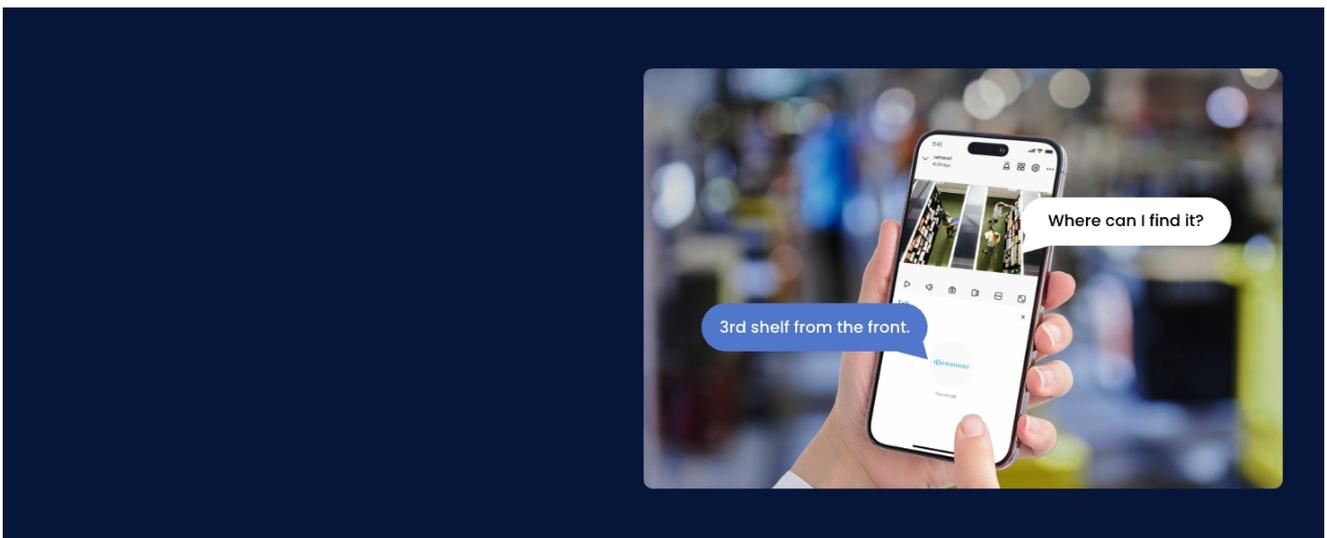


Image: A smartphone screen displaying the two-way talk interface, showing a live camera feed and speech bubbles for communication.

## 5.6 Recording Modes & Storage

The camera supports various recording modes and storage options:

- **24/7 Continuous Recording:** Record continuously to a compatible Network Video Recorder (NVR).
- **Motion-Activated Recording:** Record only when motion is detected.
- **Scheduled Recording:** Set specific times for recording.
- **Local Storage:** Supports up to 512GB local storage via a microSD card (not included).

Up to 512GB Local Storage  
Multiple Recording Modes  
Supported



Image: Illustrations of various recording modes, including 24/7 recording to an NVR and local storage via a microSD card (up to 512GB).

## 6. MAINTENANCE

---

To ensure optimal performance and longevity of your REOLINK RP-PCT8M camera, follow these maintenance guidelines:

- **Cleaning:** Regularly wipe the camera lens and housing with a soft, damp cloth to remove dust and dirt. Avoid abrasive cleaners.
- **Environmental Protection:** The camera is IP67 weatherproof and features a metal housing for durability in various conditions, including low temperatures. However, avoid direct exposure to extreme impacts or corrosive substances.
- **Firmware Updates:** Periodically check for and install firmware updates through the REOLINK app or client software to ensure the camera has the latest features and security enhancements.

# Rugged Reliability

Works in Harsh Environments



Low-Temp  
Performance



Metal Housing



IP67 Waterproof  
Rating

Image: The REOLINK RP-PCT8M camera mounted outdoors, demonstrating its IP67 weatherproof rating and robust metal housing.

## 7. TROUBLESHOOTING

---

If you encounter issues with your REOLINK RP-PCT8M camera, refer to the following common troubleshooting tips:

- **No Power/No Video:**

- Ensure the Ethernet cable is securely connected at both ends (camera and PoE device).
- Verify that your PoE device (NVR, switch, injector) is powered on and functioning correctly.

- Try a different Ethernet cable.

- **Poor Picture Quality:**

- Check the camera settings in the REOLINK app or client software. Ensure the video stream quality is set to "Clear" or "High" (e.g., 4K resolution, 25fps).
- Clean the camera lens.
- Ensure adequate lighting, especially for night vision performance.

- **No Motion Detection Alerts:**

- Verify that motion detection is enabled in the camera settings.
- Adjust the sensitivity and detection zones.
- Ensure the camera's firmware is up to date.

- **Two-Way Talk Issues:**

- Check microphone and speaker settings in the app.
- Ensure your smartphone's volume is up.
- Verify network connectivity for real-time audio transmission.

For more detailed troubleshooting or persistent issues, please contact REOLINK customer support.

## 8. SPECIFICATIONS

---

Feature	Specification
Model Name	RP-PCT8M
Video Capture Resolution	8MP (3840*2160)
Viewing Angle	125 Degrees (Diagonal)
Connectivity Technology	Wired (Ethernet, PoE)
Indoor/Outdoor Usage	Indoor, Outdoor
Weatherproof Rating	IP67
Power Source	Corded Electric (via PoE)
Compatible Devices	Digital Video Recorder, Laptop, Smartphone
Controller Type	Android, iOS
Mounting Type	Wall Mount
Product Dimensions	4.62 x 4.62 x 4.09 inches
Item Weight	1.68 pounds
Batteries Required?	No

## 9. SUPPORT & WARRANTY

---

For technical support, warranty information, or further assistance, please visit the official REOLINK website or contact their customer service directly.

**REOLINK Official Store:** [Visit the REOLINK Store on Amazon](#)

Please retain your purchase receipt for warranty claims.