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› [Luowice](#) /

› [Luowice 8MP PTZ Security Camera Outdoor User Manual](#)

## Luowice 8MP PTZ Security Camera

# Luowice 8MP PTZ Security Camera Outdoor User Manual

Model: 8MP PTZ Security Camera

## 1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Luowice 8MP PTZ Security Camera. This outdoor camera features 8MP Full HD resolution, Pan & Tilt capabilities for 355-degree horizontal and 90-degree vertical monitoring, advanced human shape detection with auto-tracking, color night vision, two-way audio, and integrated floodlights and siren for enhanced security. It is designed to withstand various outdoor weather conditions with its IP66 waterproof rating.

Please read this manual thoroughly before using the product to ensure proper setup and optimal performance.

## 2. SAFETY INFORMATION

- Ensure the camera is powered by the provided DC 12V power adapter. The camera must be wired to an electrical outlet; it cannot be powered by battery or solar power.
- Do not expose the camera to extreme temperatures outside its operating range.
- Avoid placing the camera in direct sunlight for prolonged periods, which may affect performance.
- Ensure all cable connections are secure and protected from water ingress, especially for outdoor installations.
- Do not attempt to disassemble or modify the camera. This will void the warranty and may cause damage.
- Keep the camera and its accessories out of reach of children.
- Adhere to local regulations regarding surveillance camera usage and privacy.

## 3. PACKAGE CONTENTS

## Security Camera Outdoor

### What's in the box

- Outdoor Security Camera \*1
- DC 12V Power Adapter \*1
- Quick Installation Guide \*1
- Ethernet Cable \*1
- Screw Pack \*1
- Drill Template \*1
- No Trespassing Sticker \*1 (optional)



Verify that all items are present in your package:

- Outdoor Security Camera x 1
- DC 12V Power Adapter x 1
- Quick Installation Guide x 1
- Ethernet Cable x 1
- Screw Pack x 1
- Drill Template x 1
- No Trespassing Sticker x 1 (optional)

Image shows the Luowice 8MP PTZ Security Camera and its included accessories, such as the power adapter, mounting screws, and quick start guide.

## 4. PRODUCT OVERVIEW



The Luowice 8MP PTZ Security Camera features a robust design suitable for outdoor use. Key components include:

- **Camera Lens:** 8MP FHD resolution for clear video.
- **Infrared Lights:** For black and white night vision.
- **White Lights:** For color night vision and floodlight function.
- **Microphone:** For audio input during two-way talk.
- **Speaker:** For audio output during two-way talk and siren.
- **Antennas:** Dual WiFi antennas for stable wireless connection.
- **Mounting Bracket:** For wall or ceiling installation.

- **Power Port:** For DC 12V power adapter connection.
- **Ethernet Port:** For wired network connection (optional).
- **Micro SD Card Slot:** Supports up to 128GB for local storage (card not included).

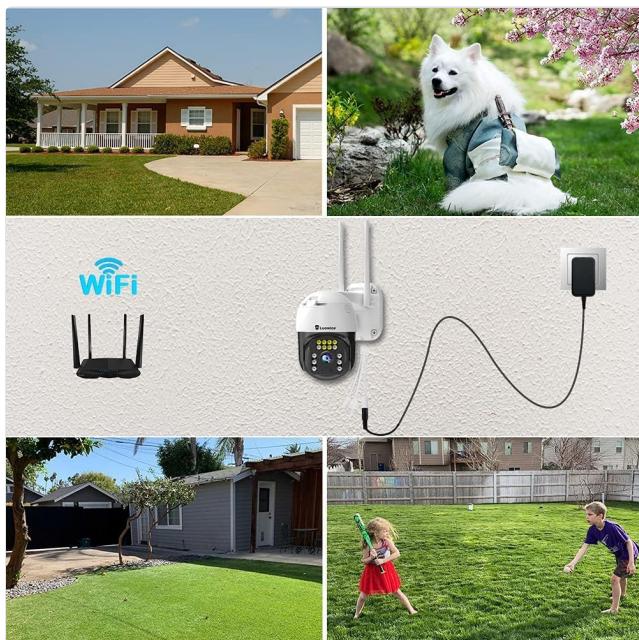
This image displays the main unit of the Luowice 8MP PTZ Security Camera, highlighting its various features and components.

## 5. SETUP

### 5.1 Physical Installation

The camera is designed for wall mounting. Use the provided drill template and screw pack for secure installation.

1. Choose a suitable outdoor location with a clear view of the area you wish to monitor and access to a power outlet.
2. Use the drill template to mark the screw holes on the wall.
3. Drill holes and insert wall anchors if necessary.
4. Mount the camera bracket securely using the screws.
5. Attach the camera to the mounted bracket.



This image illustrates the camera's outdoor installation, showing its connection to a power outlet and a Wi-Fi router.

### 5.2 Power Connection

Connect the provided DC 12V power adapter to the camera's power input port and then plug it into a standard electrical outlet. Ensure the connection is secure and protected from moisture.

### 5.3 Network Connection

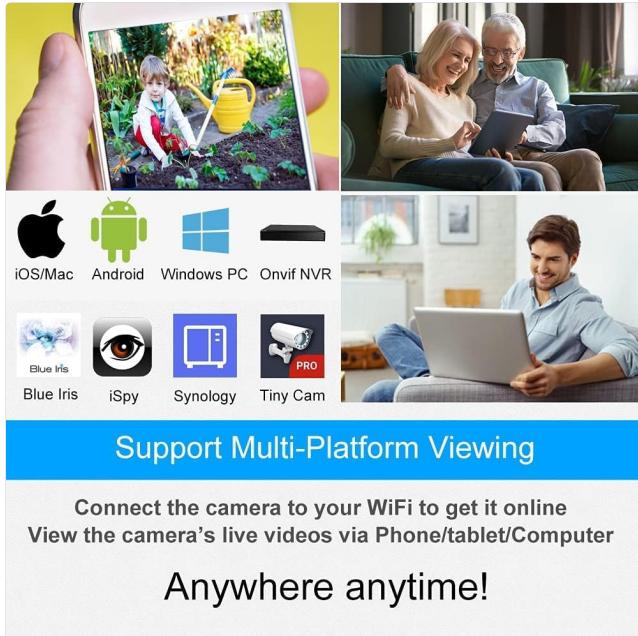
The camera supports both Wi-Fi (2.4GHz only) and Ethernet connections.

- **Wi-Fi Connection:** Ensure your Wi-Fi router is within range and broadcasting a 2.4GHz network. The camera will connect wirelessly during the app setup process.
- **Ethernet Connection (Optional):** For a more stable connection, connect an Ethernet cable from the camera's Ethernet port directly to your router or network switch.

## 5.4 App Installation and Initial Setup

The camera is controlled via the O-KAM Pro mobile application.

1. Download the "O-KAM Pro" app from your smartphone's app store (iOS or Android).
2. Register for a new account or log in if you already have one.
3. Follow the in-app instructions to add your new camera. This typically involves scanning a QR code on the camera or manually entering its ID, and then configuring network settings.
4. Once connected, you can view live video, adjust settings, and access recorded footage.



The image shows the O-KAM Pro app interface on a smartphone displaying a live video feed of a child in a garden. Below the phone are four icons representing different platforms: iOS/Mac, Android, Windows PC, and Onvif NVR. At the bottom, there are four more icons for other apps: Blue Iris, iSpy, Synology, and Tiny Cam. A blue banner across the middle says "Support Multi-Platform Viewing". Below the banner, text reads "Connect the camera to your WiFi to get it online" and "View the camera's live videos via Phone/tablet/Computer". A large "Anywhere anytime!" button is at the bottom.

This image displays the O-KAM Pro app interface on a smartphone, demonstrating multi-platform viewing support including iOS, Android, Windows PC, and Onvif NVRs.

## 6. OPERATING INSTRUCTIONS

### 6.1 Pan & Tilt Control

The camera offers 355° horizontal and 90° vertical rotation, allowing you to remotely adjust its viewing angle.

- Open the O-KAM Pro app and select your camera.
- Use the on-screen joystick or directional controls to pan (move horizontally) and tilt (move vertically) the camera.



This image illustrates the camera's 355-degree pan and 90-degree tilt capabilities, controlled remotely via a smartphone app.

## 6.2 Humanoid Detection & Auto Tracking

The camera can detect human shapes and automatically track their movement within its field of view.

- Enable "Humanoid Detection" and "Auto Tracking" in the camera settings within the O-KAM Pro app.
- When a human shape is detected, the camera will send a notification to your phone and begin tracking the movement.



This image depicts the camera's motion alert system with human auto-tracking, showing a notification on a smartphone when a person is detected.

## 6.3 Color Night Vision

Equipped with white lights, the camera can provide full-color video even in low-light conditions.

- In the app settings, you can choose between Color Night Vision (using white lights) or traditional B/W Infrared Night Vision.

- The floodlights can be configured to turn on automatically upon motion detection at night.



This image highlights the camera's color night vision feature, allowing clear visibility in dark environments.

## 6.4 Two-Way Talk

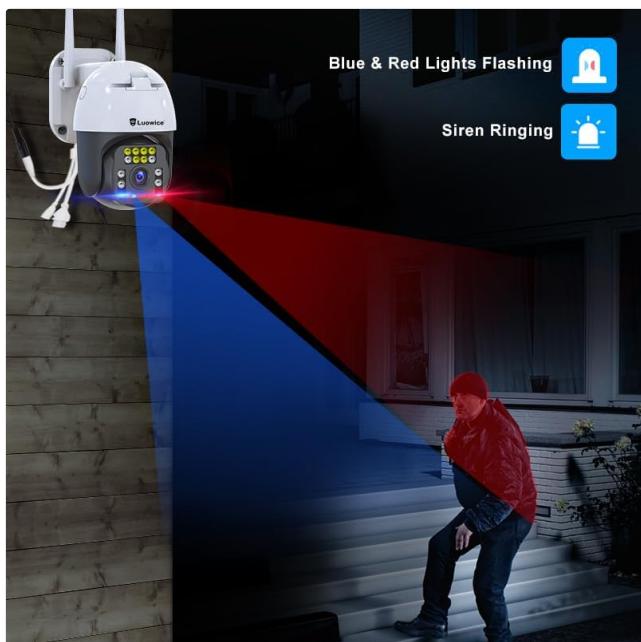
Communicate with visitors or deter intruders using the camera's built-in microphone and speaker.

- From the live view in the O-KAM Pro app, tap the microphone icon to speak through the camera.
- Tap the speaker icon to hear audio from the camera's location.

## 6.5 Floodlight and Siren Activation

The camera can activate its floodlights and siren upon detecting suspicious movement.

- In the app settings, configure motion-triggered floodlights and siren alerts.
- You can also manually activate the floodlights and siren from the live view screen in the app.



This image illustrates the camera's ability to flash blue and red lights and activate a siren as a deterrent.

## 6.6 Recording and Storage

The camera supports continuous recording and event-triggered recording to a Micro SD card or cloud storage.

- **Micro SD Card:** Insert a Micro SD card (up to 128GB, not included) into the designated slot. The camera will automatically begin loop recording.
- **Cloud Storage:** Subscribe to the optional cloud storage service via the O-KAM Pro app for secure off-site storage of your recordings.
- Access recorded footage through the playback feature in the O-KAM Pro app.

## 6.7 Multi-Platform Viewing

View live feeds and manage your camera from various devices.

- **Smartphone/Tablet:** Use the O-KAM Pro app (iOS/Android).
- **PC:** Access the camera via a compatible PC client software.
- **NVR:** The camera supports ONVIF for integration with Network Video Recorders.

## 7. MAINTENANCE

- **Cleaning:** Periodically wipe the camera lens and body with a soft, damp cloth to remove dust and dirt. Do not use harsh chemicals or abrasive cleaners.
- **Firmware Updates:** Check the O-KAM Pro app regularly for firmware updates. Keeping the firmware updated ensures optimal performance and security.
- **Storage Management:** If using a Micro SD card, periodically check its status in the app. Consider formatting the card every few months to maintain performance.
- **Power Supply:** Ensure the power adapter and cable are not damaged or exposed to excessive strain.

## 8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Camera offline/Cannot connect to Wi-Fi	Incorrect Wi-Fi password; Camera too far from router; 5GHz Wi-Fi network used; Network interference.	<ul style="list-style-type: none"><li>• Verify Wi-Fi password.</li><li>• Move camera closer to router or use a Wi-Fi extender.</li><li>• Ensure your router is broadcasting a 2.4GHz network.</li><li>• Try connecting via Ethernet cable.</li><li>• Restart camera and router.</li></ul>
Poor image quality	Dirty lens; Low network bandwidth; Insufficient lighting.	<ul style="list-style-type: none"><li>• Clean the camera lens.</li><li>• Ensure stable internet connection.</li><li>• Check night vision settings.</li></ul>
Motion detection not working	Detection sensitivity too low; Detection area not set; Firmware outdated.	<ul style="list-style-type: none"><li>• Adjust sensitivity in app settings.</li><li>• Define detection zones.</li><li>• Update camera firmware.</li></ul>

Problem	Possible Cause	Solution
SD card not recording	SD card full or corrupted; Incorrect recording settings; SD card not inserted properly.	<ul style="list-style-type: none"> <li>Format the SD card via the app (this will erase data).</li> <li>Check recording schedule/settings.</li> <li>Reinsert or replace the SD card.</li> </ul>

## 9. SPECIFICATIONS

Feature	Detail
Model	8MP PTZ Security Camera
Resolution	8MP (3840 x 2160)
Pan/Tilt Range	Horizontal 355°, Vertical 90°
Connectivity	2.4GHz Wi-Fi, Ethernet
Night Vision	Color Night Vision, B/W Infrared Night Vision (up to 50 feet)
Audio	Two-Way Talk (Built-in Mic & Speaker)
Storage	Micro SD Card (up to 128GB, not included), Cloud Storage (subscription required)
Detection	Humanoid Detection, Motion Detection, Auto Tracking
Alerts	App Notifications, Email Alerts, Floodlight, Siren
Waterproof Rating	IP66
Power Supply	DC 12V Corded Electric
Dimensions (L x W x H)	4.5 x 2.9 x 5 inches
Weight	16 ounces (1 pound)

## 10. WARRANTY AND SUPPORT

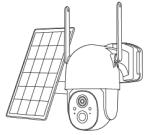
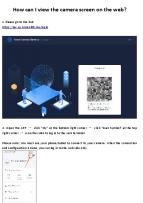
Luowice products typically come with a manufacturer's warranty. Please refer to the warranty card included in your package or visit the official Luowice website for detailed warranty terms and conditions.

For technical support, troubleshooting assistance, or any inquiries regarding your Luowice 8MP PTZ Security Camera, please contact Luowice Customer Service. Contact information can usually be found in the Quick Installation Guide or on the official Luowice website.

### Online Resources:

- Luowice Official Website: [Visit the Luowice Store on Amazon](#)
- App Support: Refer to the "Help" or "FAQ" section within the O-KAM Pro app.

## Related Documents - 8MP PTZ Security Camera

	<p><a href="#">VIKVIZ PTZ IP Camera: Web Interface and PTZ Function Guide</a></p> <p>This guide explains how to access the VIKVIZ PTZ IP camera's web interface, log in, and utilize its Pan-Tilt-Zoom (PTZ) functions, including setting guard positions and enabling auto-tracking. It also provides a comprehensive table of PTZ commands.</p>
	<p><a href="#">HEIYOUCAM and WorldGolbal Wireless Outdoor Security Cameras: User Manual and Product Details</a></p> <p>Explore the range of HEIYOUCAM and WorldGolbal wireless outdoor security cameras. This document provides details on models including IP66, BW4, QW5, 3MP, A20/A20QQ, and the Four Lens Four Screen camera. Features cover resolutions from 2K to 10K, advanced night vision, AI motion detection, two-way audio, IP66 waterproofing, and solar power options.</p>
	<p><a href="#">ieGeek PTZ Outdoor Security Camera User Manual</a></p> <p>User manual for the ieGeek PTZ Outdoor Security Camera, providing setup instructions, features, and troubleshooting.</p>
	<p><a href="#">Smart WiFi Battery Camera User Manual</a></p> <p>User manual for the Smart WiFi Battery Camera, detailing its features, packing list, product appearance, and installation instructions.</p>
	<p><a href="#">How to View SYMYNELEC Camera on Web</a></p> <p>Step-by-step guide on accessing and viewing your SYMYNELEC smart camera feed through the web terminal, including app integration and login procedures.</p>
	<p><a href="#">Reolink TrackMix WiFi Operational Instruction Manual</a></p> <p>Comprehensive operational instructions and setup guide for the Reolink TrackMix WiFi security camera. It covers unboxing, camera introduction, connection diagram, setup procedures, mounting instructions (wall and ceiling), troubleshooting common issues, technical specifications, and regulatory compliance information.</p>

