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Luowice LWS-D5-5MP

Luowice 5MP PTZ Security Camera Instruction Manual

Model: LWS-D5-5MP | Brand: Luowice

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Luowice 5MP PTZ Security Camera. Please read this manual thoroughly before using the product to ensure proper functionality and safety. This camera is designed for outdoor surveillance, offering high-definition video, pan and tilt capabilities, smart detection features, and two-way audio communication.



Figure 1: Luowice 5MP PTZ Security Camera with live view on a smartphone.

WHAT'S IN THE BOX

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

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

- Waterproof Nuts



Figure 2: Included components of the Luowice 5MP PTZ Security Camera package.

SETUP GUIDE

1. Physical Installation

Choose a suitable outdoor location for your camera, ensuring it has a clear field of view and is within range of your Wi-Fi network. The camera is designed for wall mounting.

1. Use the provided drill template to mark the screw positions on the wall.
2. Drill holes at the marked positions and insert the wall anchors.
3. Secure the camera's mounting bracket to the wall using the provided screws.
4. Adjust the camera's angle as needed after mounting.

PTZ CONTROL

Remotely Pan & Tilt, Wide Area Monitoring



Figure 3: Example of the security camera mounted on an exterior wall.

2. Micro SD Card Installation

The camera supports a micro SD card (up to 128GB, not included) for local storage of surveillance footage.

1. Locate the micro SD card slot on the camera body. It is typically covered by a small panel secured with a screw.
2. Carefully unscrew the cover and open the compartment.
3. Insert the micro SD card into the slot with the gold contacts facing down until it clicks into place.
4. Close the cover and re-insert the screw to secure it.

3. Power Connection

Connect the provided DC 12V power adapter to the camera's power input port. Then, plug the power adapter into a standard electrical outlet.

For a visual guide on SD card installation, power connection, and app setup, please refer to the official setup video below:

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Video 1: Instruction for Setup of Luowice D5-5MP WiFi PTZ Camera. This video demonstrates the steps for installing the micro SD card, connecting power, and initial app configuration.

4. App Download and Wi-Fi Connection (CamhiPro)

The CamhiPro app is required to set up and control your camera. It is available for both iOS and Android devices.

1. Download the "CamhiPro" app from the App Store (iOS) or Google Play Store (Android).
2. Ensure your smartphone is connected to a 2.4GHz Wi-Fi network (5GHz Wi-Fi is not supported).
3. Open the CamhiPro app and follow the on-screen instructions to add your new device. You may need to scan a QR code on the camera or manually enter its UID.
4. During the setup process, the app will guide you through connecting the camera to your home Wi-Fi network.

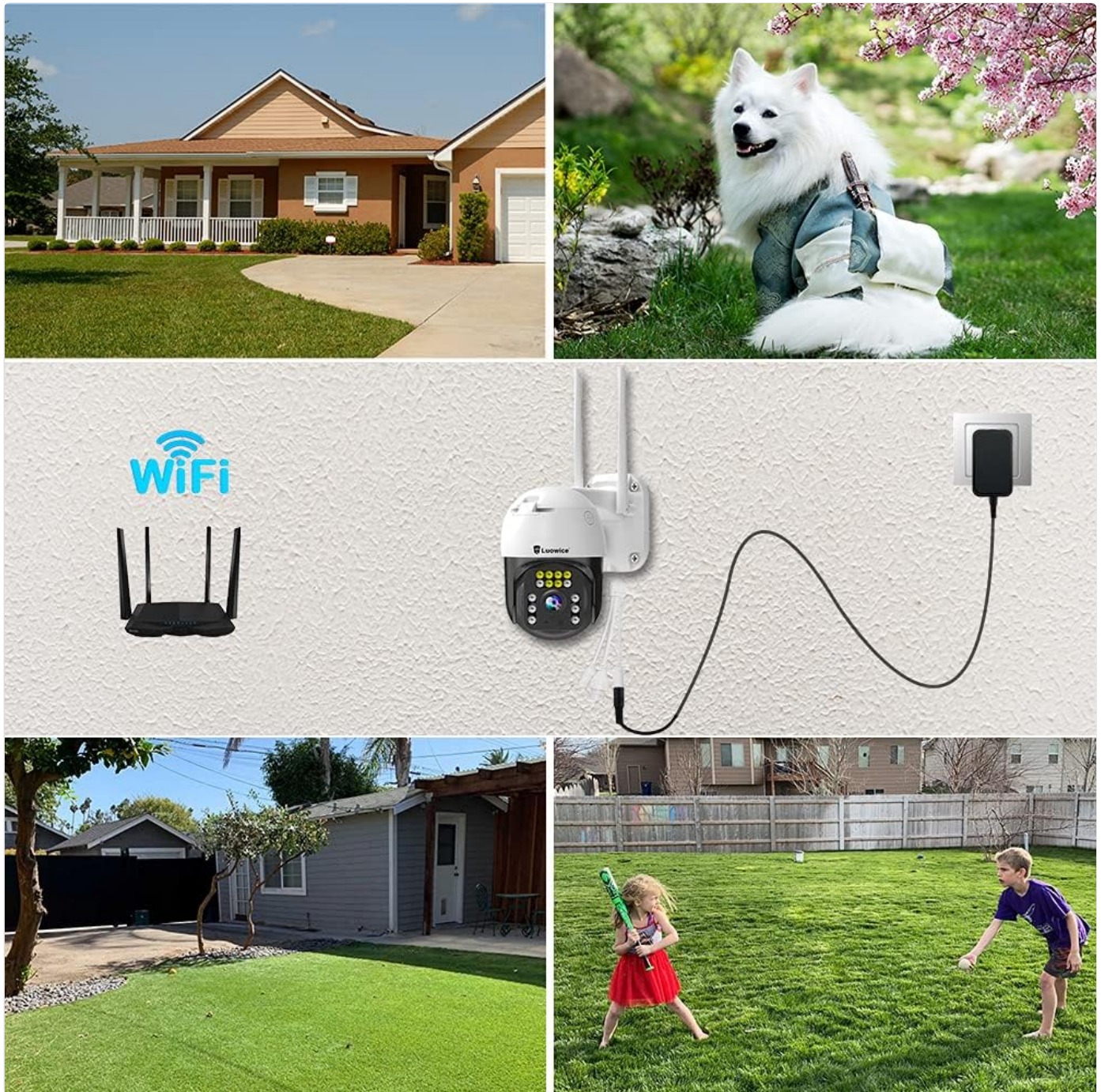


Figure 4: The CamhiPro app supports viewing on multiple platforms including iOS, Android, Windows PC, and Onvif NVR.

1. Pan & Tilt Control

The camera offers 355° horizontal and 90° vertical rotation, allowing you to monitor a wide area. Use the pan and tilt controls within the CamhiPro app to adjust the camera's viewing angle remotely.



Figure 5: Remote Pan & Tilt control via the CamhiPro app for wide area monitoring.

2. Smart Detection & Alerts

The camera features advanced human shape detection and auto-tracking. When motion is detected, the camera can trigger floodlights, flash blue and red lights, and activate a siren to deter intruders. Notifications will be pushed to your phone and/or email.

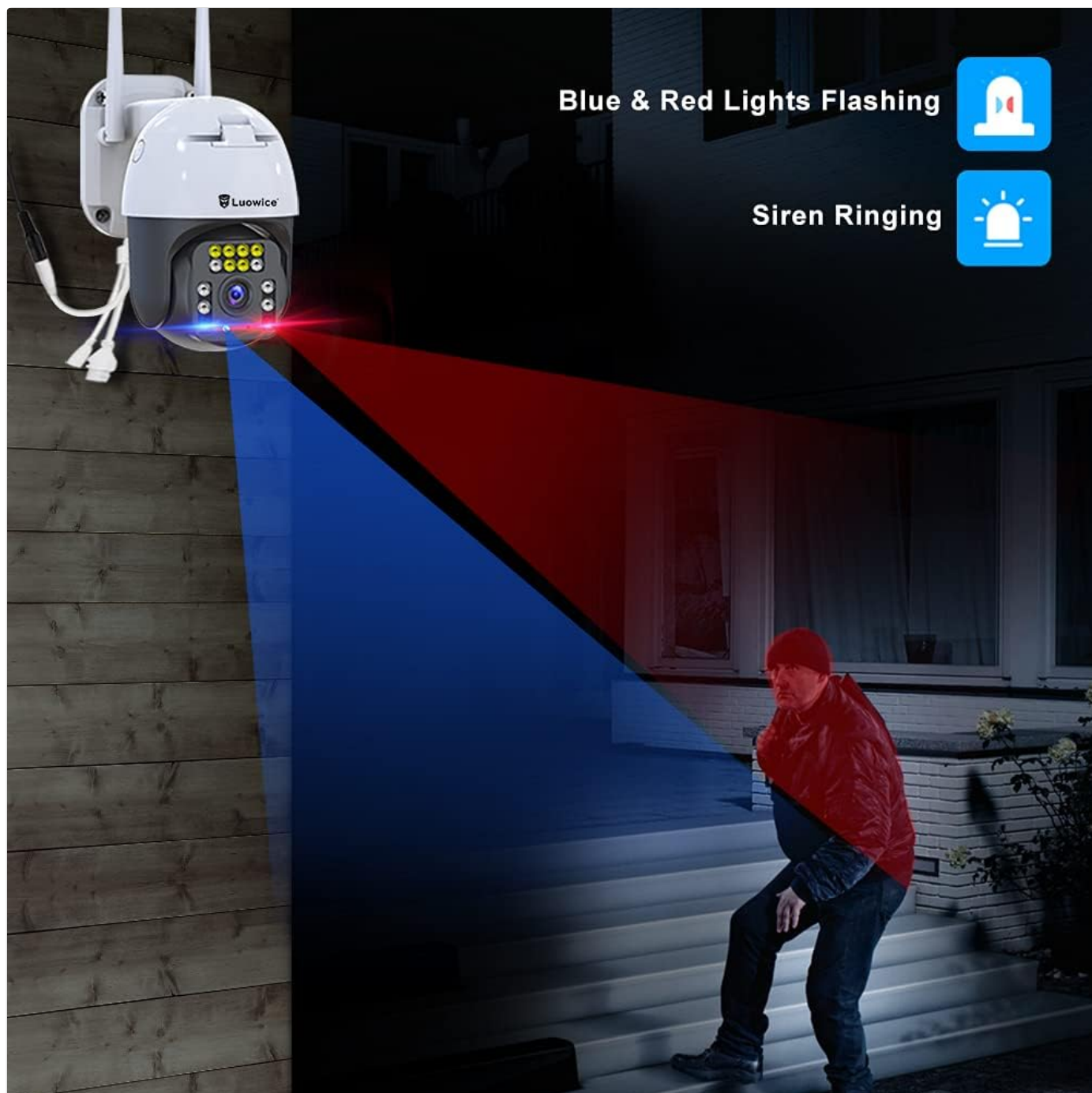


Figure 6: Motion-triggered floodlights activate upon human shape detection, with instant alerts pushed to your phone.



Support Multi-Platform Viewing

Connect the camera to your WiFi to get it online
View the camera's live videos via Phone/tablet/Computer

Anywhere anytime!

Figure 7: The camera can flash blue and red lights and activate a siren upon detecting suspicious movement.

3. Two-Way Talk

Utilize the built-in microphone and speaker for two-way audio communication. This allows you to talk to visitors or deter potential intruders directly through the CamhiPro app.

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Video 2: Luowice 5MP Super HD PTZ Camera with Clear Audio Function. This video demonstrates the two-way audio capability of the camera.

4. Night Vision

The camera provides clear images and videos even in low-light conditions with both color and black & white night vision modes. It features 6 white lights and 6 infrared lights for enhanced night visibility up to 100 feet.

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Video 3: Super HD 5MP Resolution Day and Night. This video illustrates the camera's performance in both daytime and nighttime

conditions, showcasing its night vision capabilities.

5. Recording and Storage

The camera supports 24/7 loop recording to a micro SD card (up to 128GB). Footage can be accessed and reviewed via the CamhiPro app even when the internet connection is unavailable.

MAINTENANCE

- **Cleaning:** Regularly clean the camera lens and housing with a soft, damp cloth to ensure clear image quality. Avoid using harsh chemicals or abrasive materials.
- **Firmware Updates:** Check the CamhiPro app periodically for available firmware updates. Keeping the camera's firmware updated ensures optimal performance, security, and access to new features.
- **Weather Protection:** While the camera is IP66 waterproof, ensure all cable connections are properly sealed using the provided waterproof nuts to prevent water ingress, especially in harsh weather conditions.



Figure 8: The camera features an IP66 waterproof rating, designed to withstand various outdoor weather conditions.

TROUBLESHOOTING

Problem	Possible Solution
Camera not connecting to Wi-Fi.	Ensure your Wi-Fi is 2.4GHz. Check Wi-Fi password. Move camera closer to router. Reset camera and try setup again.
Poor image quality.	Clean the camera lens. Check network stability. Ensure sufficient lighting for optimal night vision.
SD card not recording.	Ensure the SD card is correctly inserted and formatted within the app. Check if the card is full or corrupted. Replace if necessary.
No motion detection alerts.	Verify motion detection settings are enabled in the app. Adjust sensitivity and detection zones. Check app notification permissions on your phone.
Two-way audio not working.	Check microphone and speaker settings in the app. Ensure no obstructions are blocking the microphone or speaker on the camera. Check phone's audio settings.

SPECIFICATIONS

Feature	Detail
Video Capture Resolution	5 MP (2560x1920P)
Pan & Tilt	355° Horizontal, 90° Vertical
Digital Zoom	4x (Optical zoom not supported)
Night Vision	Color Night Vision, B/W Night Vision (6 white lights & 6 infrared lights)
Night Vision Range	100 Feet
Detection	Human Shape Detection, Auto Tracking
Audio	Two-Way Talk
Storage	Micro SD card (up to 128GB, not included)
Waterproof Rating	IP66
Connectivity	Wi-Fi (2.4GHz only), Optional Ethernet connection
Power Source	Corded Electric (DC 12V)
Dimensions (L x W x H)	5 x 5 x 7 inches
Item Weight	1.1 Pounds
Model Number	LWS-D5-5MP

Warranty Information

Luowice products typically come with a limited warranty covering manufacturing defects. Please refer to the warranty card included in your product packaging or visit the official Luowice website for detailed warranty terms and conditions. Keep your purchase receipt as proof of purchase for warranty claims.

Customer Support

For technical assistance, troubleshooting, or any inquiries regarding your Luowice 5MP PTZ Security Camera, please contact Luowice customer support through the following channels:

- **Official Website:** Visit the Luowice official website for FAQs, support articles, and contact forms.
- **Email Support:** Refer to your Quick Installation Guide for specific email addresses for technical support.
- **In-App Support:** The CamhiPro app may offer direct support options or a help section.

When contacting support, please have your camera's model number (LWS-D5-5MP) and purchase information readily available.