

WEILAILIFE CSWL-08SP5MP18-4ch+3.5"1TB-BW

WEILAILIFE 5MP POE Wired Security Camera System Instruction Manual

Model: CSWL-08SP5MP18-4ch+3.5"1TB-BW

1. INTRODUCTION

Thank you for choosing the WEILAILIFE 5MP POE Wired Security Camera System. This system is designed to provide reliable and high-quality surveillance for your property. Please read this manual thoroughly before installation and operation to ensure proper use and optimal performance.

This system features 5-megapixel cameras, AI human detection, two-way audio, IP66 weather resistance, and a Power over Ethernet (POE) wired connection for stable 24/7 monitoring. The included NVR supports up to 8 channels and comes with a 1TB hard drive for local recording.

2. PACKAGE CONTENTS

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

- 1 x 8-Channel NVR (Network Video Recorder) with 1TB Hard Drive (supports up to 4K 8MP cameras)
- 4 x 5-Megapixel POE Cameras
- 4 x LAN Cables for Cameras (18.2 meters each)
- 1 x User Manual
- 1 x Warning Label
- 4 x Camera Mounting Screw Packs
- 1 x NVR Power Supply (48V2A)
- 1 x Remote Control
- 1 x USB Mouse
- 1 x HDMI Connection Cable (1 meter)
- 1 x LAN Cable (1 meter)

3. KEY FEATURES

- **3K 5MP High-Resolution Cameras:** Capture clear and detailed footage, including facial expressions and vehicle

license plates.

- **130° Ultra-Wide Angle Lens:** Provides extensive coverage, ideal for monitoring large areas like entrances, parking lots, and warehouses.



Image: Comparison of 130-degree ultra-wide angle view versus a standard 75-degree view.

- **AI Human Detection:** Advanced technology accurately identifies human movement, minimizing false alarms from pets or other non-human objects.



Image: AI human detection distinguishing between a person and a pet.

- **Smartphone Notifications:** Receive real-time alerts on your smartphone when motion is detected.
- **POE Wired Connection:** A single LAN cable transmits both video and power, ensuring a stable connection less affected by Wi-Fi interference.

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Image: Dual power interface for the camera, showing POE and separate power adapter options.

- **8-Channel NVR:** Expandable up to 8 cameras, supporting long-term recording with up to 8TB HDD capacity.
- **Two-Way Audio:** Built-in microphone and speaker allow for real-time two-way communication via your smartphone.

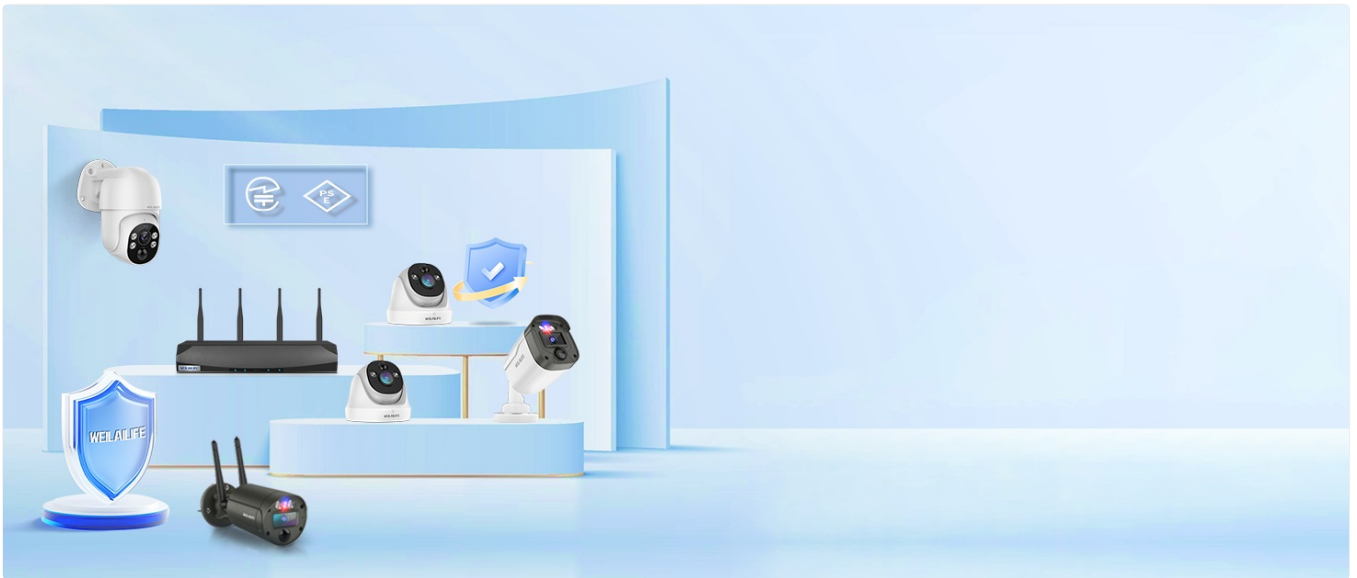


Image: Two-way communication feature via smartphone app.

- **No Monthly Fees:** Supports local recording to the included 1TB HDD and optional cloud storage without recurring monthly charges.
- **IP66 Waterproof & Dustproof:** Designed for outdoor installation, ensuring reliable operation in various weather conditions.



Image: IP66 waterproof and dustproof camera with waterproof connectors.

- **Powerful Infrared Night Vision:** Equipped with 18-light 845nm infrared LEDs for clear images in dark conditions, with an automatic night vision mode switch.



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WEILAILIFEは20年以上の業界経験を
持ち、時代とともに進化することと、お客
様により安全、安心、便利な防犯カメラ
をご提供するように努めています。

Image: Super night vision capability with infrared LEDs.

- **Remote Access:** Monitor your property from anywhere using the free dedicated app on smartphones, tablets, or computers.



Image: Remote access to surveillance footage from multiple devices.

4. SETUP INSTRUCTIONS

4.1 NVR Setup

1. Connect the NVR to a monitor using the HDMI or VGA cable.
2. Connect the USB mouse to a USB port on the NVR.
3. Connect the NVR to your router using the included LAN cable for network access (optional for local viewing, but required for remote access and updates).
4. Connect the NVR power supply to the NVR and plug it into an electrical outlet. The NVR will power on automatically.
5. Follow the on-screen instructions to complete the initial setup, including setting a password and configuring network settings.

4.2 Camera Installation

1. Choose suitable locations for your cameras, ensuring they cover the desired surveillance areas and are within reach of the LAN cables. Consider the 130° wide-angle view.
2. Mount each camera securely using the provided mounting screws. Ensure the camera is positioned to avoid direct sunlight or strong light sources that could cause glare.
3. Connect one end of the 18.2-meter LAN cable to the camera's POE port. Ensure the waterproof connector is properly sealed if installing outdoors.
4. Connect the other end of the LAN cable to an available POE port on the NVR. The camera will power on and automatically connect to the NVR.
5. Repeat for all four cameras.

4.3 Mobile App Setup (Remote Access)

1. Download the free dedicated app from the App Store (iOS) or Google Play Store (Android). Search for "WEILAILIFE" or refer to the QR code in the manual.
2. Register an account and log in.
3. Add your NVR device by scanning the QR code displayed on the NVR's monitor or by manually entering the device ID.
4. Once added, you can view live footage, play back recordings, and use the two-way audio feature from your smartphone or tablet.

5. OPERATING INSTRUCTIONS

5.1 Live View

On the NVR monitor or through the mobile app, select the desired camera channel to view live footage. You can switch between single-camera view and multi-camera grid view.

5.2 Recording

The system supports continuous recording, scheduled recording, and motion-triggered recording. By default, continuous recording is often enabled. You can configure recording settings via the NVR's menu or the mobile app.

- **Continuous Recording:** Records 24/7, overwriting the oldest footage when the HDD is full.
- **Scheduled Recording:** Set specific times for recording.
- **Motion-Triggered Recording:** Records only when motion is detected, saving storage space. AI human detection helps reduce irrelevant recordings.

5.3 Playback

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



Image: Remote control operation for viewing multiple camera feeds.

5.4 Two-Way Audio

From the mobile app's live view, tap the microphone icon to speak through the camera's speaker and the speaker icon to hear audio from the camera's microphone.

6. MAINTENANCE

- **Camera Lens Cleaning:** Periodically clean camera lenses with a soft, damp cloth to ensure clear image quality. Avoid abrasive cleaners.
- **Cable Inspection:** Regularly check all cables for any signs of wear, damage, or loose connections, especially for outdoor installations.
- **Firmware Updates:** Check the manufacturer's website or the mobile app for available firmware updates to ensure optimal performance and security.
- **Hard Drive Management:** The 1TB HDD will automatically overwrite old footage. If you require longer retention, consider backing up important recordings or upgrading the HDD (up to 8TB supported).
- **NVR Placement:** Ensure the NVR is placed in a well-ventilated area, away from direct sunlight, heat sources, and moisture.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
No image from camera	Loose cable connection, no power, camera fault	Check LAN cable connection to NVR and camera. Ensure NVR is powered on. Restart NVR.
No remote access	NVR not connected to internet, incorrect app settings, firewall issues	Ensure NVR is connected to router. Check network settings on NVR and app. Verify router firewall settings.
Poor image quality	Dirty lens, low light, network bandwidth issues	Clean camera lens. Ensure sufficient lighting or proper night vision activation. Check network speed.
Frequent false alarms	Motion detection sensitivity too high, non-human triggers	Adjust motion detection sensitivity. Utilize AI human detection feature. Set detection zones to exclude irrelevant areas.
No audio / Poor audio quality	Microphone/speaker blocked, volume settings, network issues	Ensure nothing is obstructing the camera's microphone or speaker. Check volume settings in the app.

8. SPECIFICATIONS

- **Brand:** WEILAILIFE
- **Model:** CSWL-08SP5MP18-4ch+3.5"1TB-BW
- **Connectivity Technology:** Wired (POE)
- **Video Capture Resolution:** 5 Megapixels (2560x1920)
- **NVR Channels:** 8-Channel (supports up to 8MP cameras)
- **Included HDD Capacity:** 1 TB (expandable up to 8 TB)
- **Power Source:** AC/DC
- **Operating System:** Linux
- **Compatible Devices:** Smartphones, Tablets, TVs, Desktop PCs, Laptops
- **Special Features:** AI Human Detection, IP66 Waterproof/Dustproof, Two-Way Audio, Remote Monitoring, Expandable System
- **Night Vision:** 845nm 18 Infrared LEDs, Super Night Vision
- **Night Vision Range:** Up to 20 meters
- **Frame Rate:** 15 fps
- **Recording Modes:** Schedule, Manual, Motion Detection
- **USB Ports:** 2
- **Hardware Interface:** HDMI, USB, VGA
- **Lens Type:** Wide-angle
- **Field of View:** 130 degrees
- **Optical Sensor Technology:** CMOS
- **Recommended Uses:** Outdoor, Indoor
- **Product Weight:** 6.1 kg
- **Product Dimensions:** 39 x 28 x 19 cm
- **Country of Origin:** China

9. WARRANTY & SUPPORT

This product comes with a **12-month quality warranty**. WEILAILIFE maintains strict quality control, production management, and inspections at the factory to ensure product reliability.

For any questions, issues, or support inquiries regarding your WEILAILIFE security camera system, please do not hesitate to contact our customer service team. We have a dedicated service center in Japan to provide prompt assistance.

Email Support: info-jp@weilailifetech.com (Japanese language support available, response within 24 hours)

Service Center Address (Japan): Rose Avenue Inage Tendai 1F, 5-8-9 Tendai, Inage-ku, Chiba City, Chiba Prefecture

LINE Service: For quick support and updates, add us on LINE by scanning the QR code or visiting this link:
<https://lin.ee/EqPKtnq>



Image: WEILAILIFE 12-month warranty and support contact details.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

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

Submit question