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› **WEILAILIFE 4K 8MP PoE Dome Security Camera System (2-Camera Set with 1TB HDD) Instruction Manual**

WEILAILIFE CSWL-03BP8MP02-PIR-2ch+3.5"1TB-W

WEILAILIFE 4K 8MP PoE Dome Security Camera System (2-Camera Set with 1TB HDD) Instruction Manual

Model: CSWL-03BP8MP02-PIR-2ch+3.5"1TB-W

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your WEILAILIFE 4K 8MP PoE Dome Security Camera System. Please read this manual thoroughly before use to ensure proper functionality and safety. This system is designed for reliable surveillance with high-resolution imaging and advanced features.

2. PACKAGE CONTENTS

Verify that all items listed below are included in your package. If any items are missing or damaged, please contact customer support.

- 4K 8-Channel Network Video Recorder (NVR) with 1TB HDD (x1)
- 8MP Dome Cameras (x2)
- LAN Cables for Cameras (18.2 meters, x2)
- NVR Power Adapter (48V2A, x1)
- Camera Power Adapters (x2)
- USB Mouse (x1)
- HDMI Cable (1 meter, x1)
- LAN Cable (1 meter, x1)
- Mounting Screw Packs for Cameras (x2)
- Warning Labels (x1)
- Instruction Manual (x1)

Figure 1: Overview of the WEILAILIFE 4K 8MP PoE Dome Security Camera System package contents.

Video 1: Product Introduction and Unboxing. This video demonstrates the contents of the package and initial setup steps.

3. PRODUCT OVERVIEW

The WEILAILIFE 4K 8MP PoE Dome Security Camera System offers advanced surveillance capabilities. Key features include:

- **4K 8MP Ultra-High Resolution:** Captures clear and detailed images (3264x2488 pixels).
- **130° Ultra-Wide Angle Lens:** Provides extensive coverage, minimizing blind spots.
- **Two-Way Audio:** Allows for real-time communication through the camera.
- **PIR & Dual Detection:** Advanced human detection algorithm combined with infrared sensors to reduce false alarms from non-human movements.
- **PoE (Power over Ethernet):** Simplifies installation by providing power and data through a single LAN cable.
- **IP66 Weatherproof:** Suitable for both indoor and outdoor use, resistant to dust and water.
- **Expandable System:** Supports up to 8 cameras.

IP66防水防塵設計

コネクタと防水ゴムリングを備えた網線カメラのネットワークインタフェースに接続可能 IP66防水レベルに達する各カメラにはスタンバイ電源コネクタがあります。POE電源がサポートされていない場所では、カメラはDC 12 V電源使用
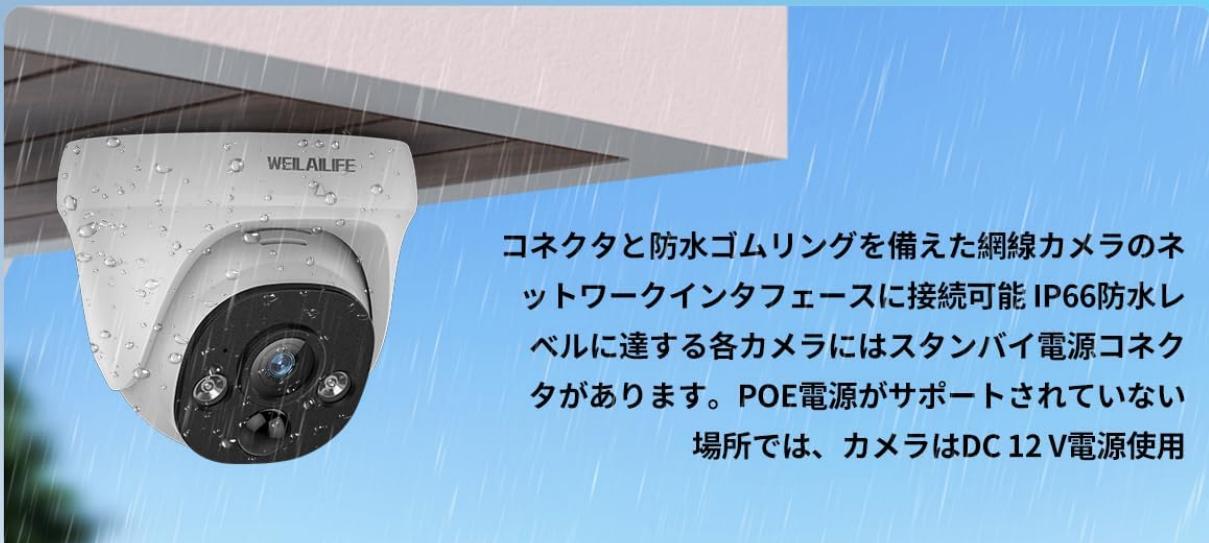
コネクタ防水
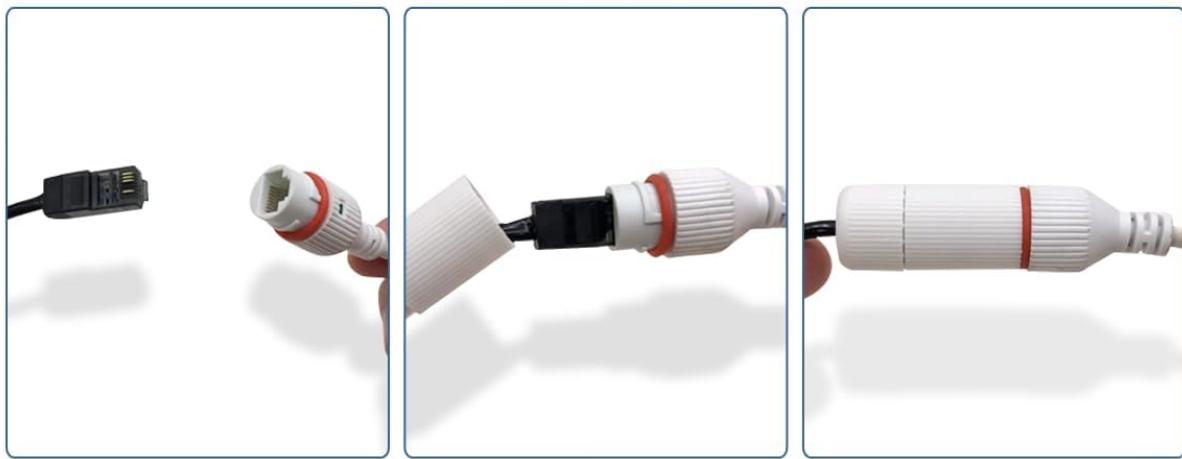
Figure 2: WEILAILIFE 4K 8MP PoE Dome Camera, highlighting its IP66 weatherproof design for outdoor use.

操作簡単

カメラとNVR本体をLANケーブル一本だけで、リアルタイムの映像が映り出して確認できます。

200メートルの伝送距離

Figure 3: Detailed view of the multi-layered optical lens for enhanced image clarity.

4. SETUP INSTRUCTIONS

4.1 Physical Installation

The dome cameras are designed for easy installation. Ensure the mounting surface is sturdy enough to support the camera's weight.

1. Choose a suitable location for each camera, ensuring optimal viewing angles and proximity to the NVR for cable connection.
2. Use the provided mounting screws and anchors to securely attach the camera base to the wall or ceiling.
3. Connect the LAN cable from the camera to an available PoE port on the NVR. The system supports PoE power, eliminating the need for separate power outlets at the camera location.
4. Adjust the camera's angle to cover the desired surveillance area.

Video 2: Camera Installation Guide. This video provides a visual guide for mounting the cameras.

4.2 System Connection

Follow these steps to connect your NVR and cameras:

1. Connect the NVR to a power source using the provided NVR power adapter.
2. Connect the NVR to your router using the included LAN cable for network access and remote viewing capabilities.
3. Connect the NVR to a monitor or TV using the HDMI cable for local viewing and configuration.
4. Plug the USB mouse into the NVR's USB port for navigation.
5. Connect the cameras to the NVR's PoE ports using the LAN cables. The cameras will power on automatically.

Figure 4: Illustration of the dual power interface for PoE cameras, allowing power supply even beyond standard PoE distance.
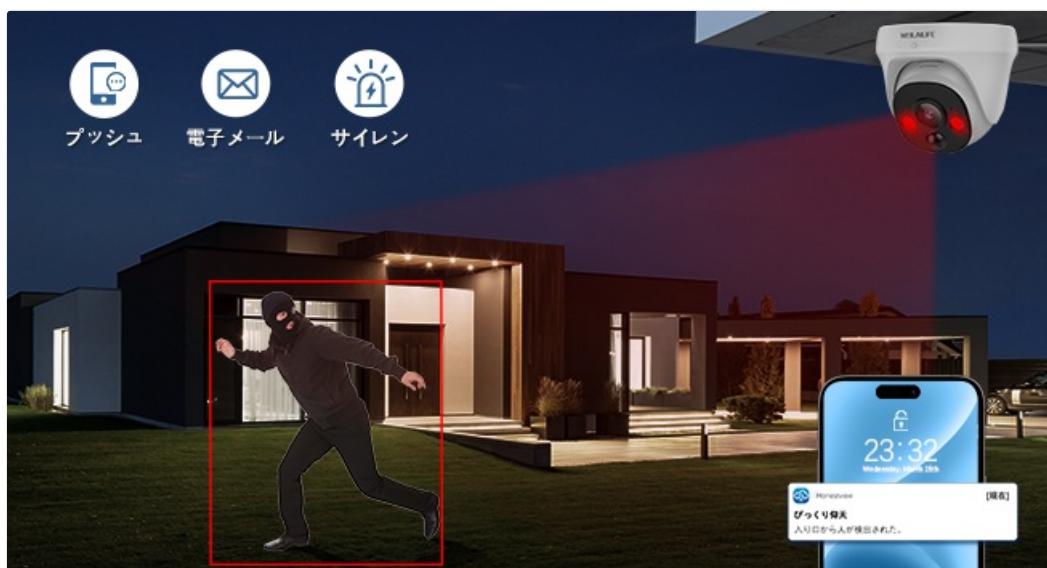
Figure 5: Diagram showing various connection ports on the NVR, including PoE ports for cameras, HDMI, VGA, USB, and network port.

4.3 Initial Configuration

Once all components are connected, the NVR will boot up. Follow the on-screen prompts for initial setup:

1. Select your preferred language (Japanese is pre-set).
2. Configure network settings (wired LAN or Wi-Fi).
3. Set the date and time zone.
4. Create a strong password for your NVR system.
5. The cameras should automatically connect and display live feeds.

5. OPERATING INSTRUCTIONS

5.1 Live View and Recording

Access live camera feeds and manage recordings through the NVR connected to a monitor or via the mobile application.

- The NVR comes with a 1TB HDD for continuous recording.
- You can configure recording schedules and playback recorded footage directly from the NVR interface.
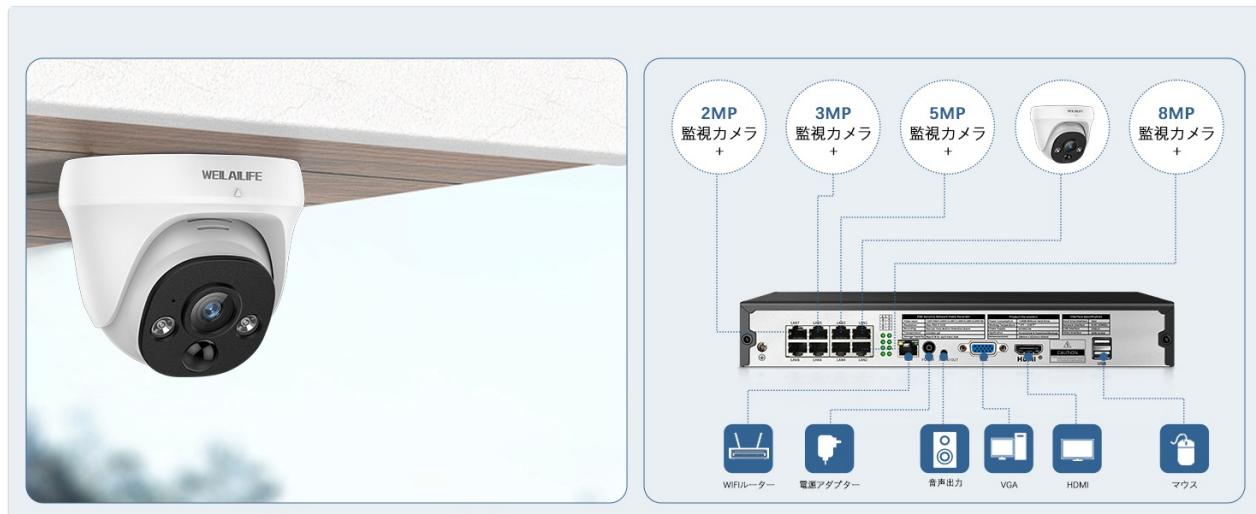
Figure 6: The system utilizes H.265+ video compression for efficient storage and bandwidth usage while maintaining 4K quality.

5.2 Motion Detection (PIR & Dual Detection)

The system features advanced PIR and dual detection technology to accurately identify human movement and minimize false alarms.

- Configure specific motion detection zones to focus on critical areas.
- Receive real-time notifications on your smartphone when motion is detected.

Figure 7: Illustration of PIR and AI dual detection, distinguishing human movement from other environmental factors like leaves or insects.

Figure 8: Example of a real-time alarm notification sent to your smartphone upon detection of suspicious activity.

Figure 9: Customizable motion detection zones allow you to define specific areas for surveillance, reducing unnecessary alerts.

5.3 Two-Way Audio

The cameras are equipped with a microphone and speaker for two-way communication.

- Speak through the camera to visitors or deter intruders using the mobile app.
- Listen to audio from the camera's location.

Figure 10: The two-way audio feature allows communication with individuals near the camera, such as delivery personnel.

Figure 11: Clear two-way audio ensures effective communication through the camera system.

5.4 Remote Access (Mobile App)

Monitor your property from anywhere using the dedicated mobile application.

- Download the free "Honestview" or "Eseecloud" app from the App Store (iOS) or Play Store (Android).
- Follow the in-app instructions to add your NVR system.
- View live feeds, playback recordings, and receive alerts directly on your smartphone.
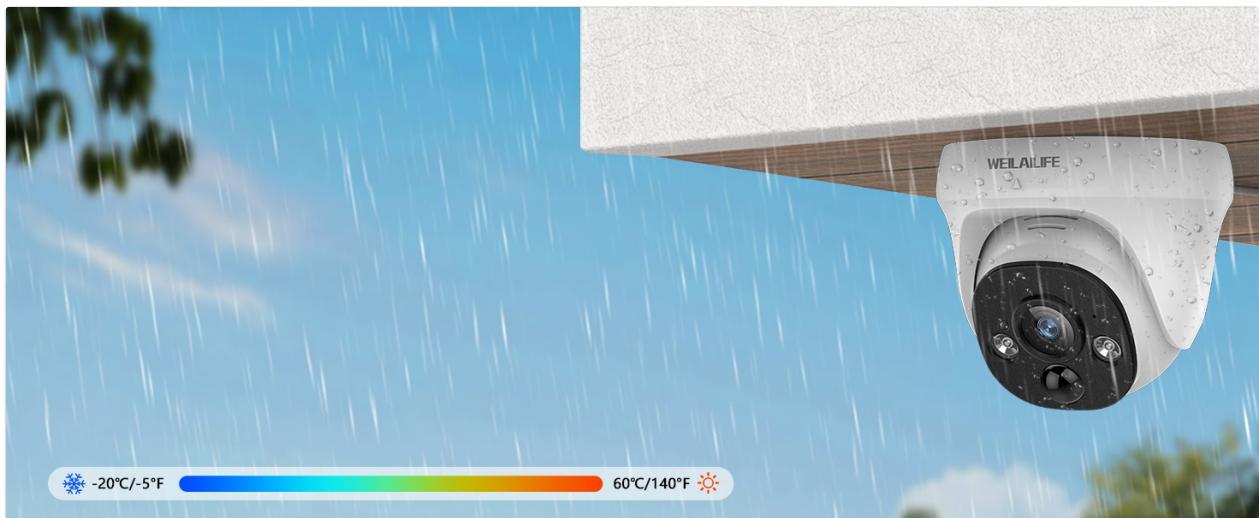
Figure 12: Remote viewing is accessible on various devices, including smartphones, tablets, and computers, allowing you to monitor your property from anywhere.

Figure 13: Scan this QR code to access WEILAILIFE's LINE service for support and inquiries. Access LINE Service

5.5 System Expandability

The NVR supports up to 8 cameras, allowing you to expand your surveillance coverage as needed.

- Additional WEILAILIFE PoE cameras can be purchased separately and easily integrated into your existing system.

Figure 14: The system is expandable, supporting up to 8 cameras for comprehensive coverage of your property.

Video 3: PTZ PoE Security Camera System Overview. This video demonstrates the features of a PTZ PoE system, which can be integrated into your NVR.

6. MAINTENANCE

To ensure the longevity and optimal performance of your security camera system, follow these maintenance guidelines:

- Regularly clean the camera lenses with a soft, damp cloth to prevent dust and dirt buildup from affecting image quality.
- Ensure all cable connections are secure and free from damage.
- Check for firmware updates periodically through the mobile app or NVR interface to benefit from new features and security enhancements.
- The IP66 weatherproof rating ensures durability in various outdoor conditions, from -10°C to 50°C.

Figure 15: The IP66 waterproof and dustproof design ensures reliable operation in various weather conditions.

7. TROUBLESHOOTING

If you encounter any issues with your WEILAILIFE security camera system, please refer to the following common solutions:

- **No Image on Monitor:** Check all power connections for the NVR and cameras. Ensure the HDMI/VGA cable is securely connected to both the NVR and the monitor. Verify the monitor input source is correct.
- **No Network Connection:** Ensure the NVR's LAN cable is properly connected to your router. Check your router's internet connection. If using Wi-Fi, verify the Wi-Fi settings on the NVR.
- **No Remote Access:** Confirm the NVR is connected to the internet. Ensure the mobile app is correctly configured and the device is added. Check your smartphone's internet connection.
- **False Motion Alarms:** Adjust the motion detection sensitivity settings in the NVR or app. Refine the motion detection zones to exclude areas with frequent non-human movement (e.g., trees swaying).
- **Poor Image Quality:** Clean the camera lens. Ensure the camera is properly focused (if adjustable). Check for obstructions in the camera's field of view.

If the problem persists, please contact WEILAILIFE customer support.

8. SPECIFICATIONS

Feature	Specification
Brand	WEILAILIFE
Model Number	CSWL-03BP8MP02-PIR-2ch+3.5"1TB-W
Video Capture Resolution	3264×2488 (4K)
Connectivity Technology	Wired (PoE)

Special Features	130° Ultra-Wide Angle, 4K 8MP Ultra-High Resolution, PIR & Dual Detection, Two-Way Audio, Free APP & No Monthly Fees
Channel Count	8 (expandable)
Power Source	Power Cord
Voltage	110 Volts (AC)
Wattage	45 W
Product Dimensions	32 x 16 x 28 cm
Item Weight	2.9 Kilograms

9. WARRANTY AND SUPPORT

WEILAILIFE is committed to providing high-quality products and excellent customer service.

- **Warranty:** This product comes with a 12-month quality guarantee.
- **Customer Support:** For any questions, concerns, or malfunctions during consideration or use, please feel free to contact us. Our Japanese-speaking support team is available via email.
- **Email:** info-jp@weilailifetech.com (Responses within 24 hours)
- **Office Address:** 1F Rose Avenue Inage Tendai, 5-8-9 Tendai, Inage-ku, Chiba City, Chiba Prefecture, Japan.

Figure 16: WEILAILIFE offers a 12-month warranty and dedicated customer support.