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› COOAU AR-W608 5MP PoE Security Camera System User Manual

## COOAU AR-W608

# COOAU AR-W608 5MP PoE Security Camera System User Manual

Model: AR-W608 | Brand: COOAU

## 1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your COOAU AR-W608 5MP PoE Security Camera System. Please read this manual thoroughly before use to ensure proper setup and functionality.

# 高精細500万画素・ワイヤレスの電波障害を解消

(2880× 1600P) の高解像度映像を記録可能で、遠くの車のナンバー、人の顔など細部までクリアに記録可能です。LANケーブルで安定した映像を送るため、従来のワイヤレス製品は時々映像が途切れたりして電波が不安定で、正常に録画されなかったりすることをご心配なく。

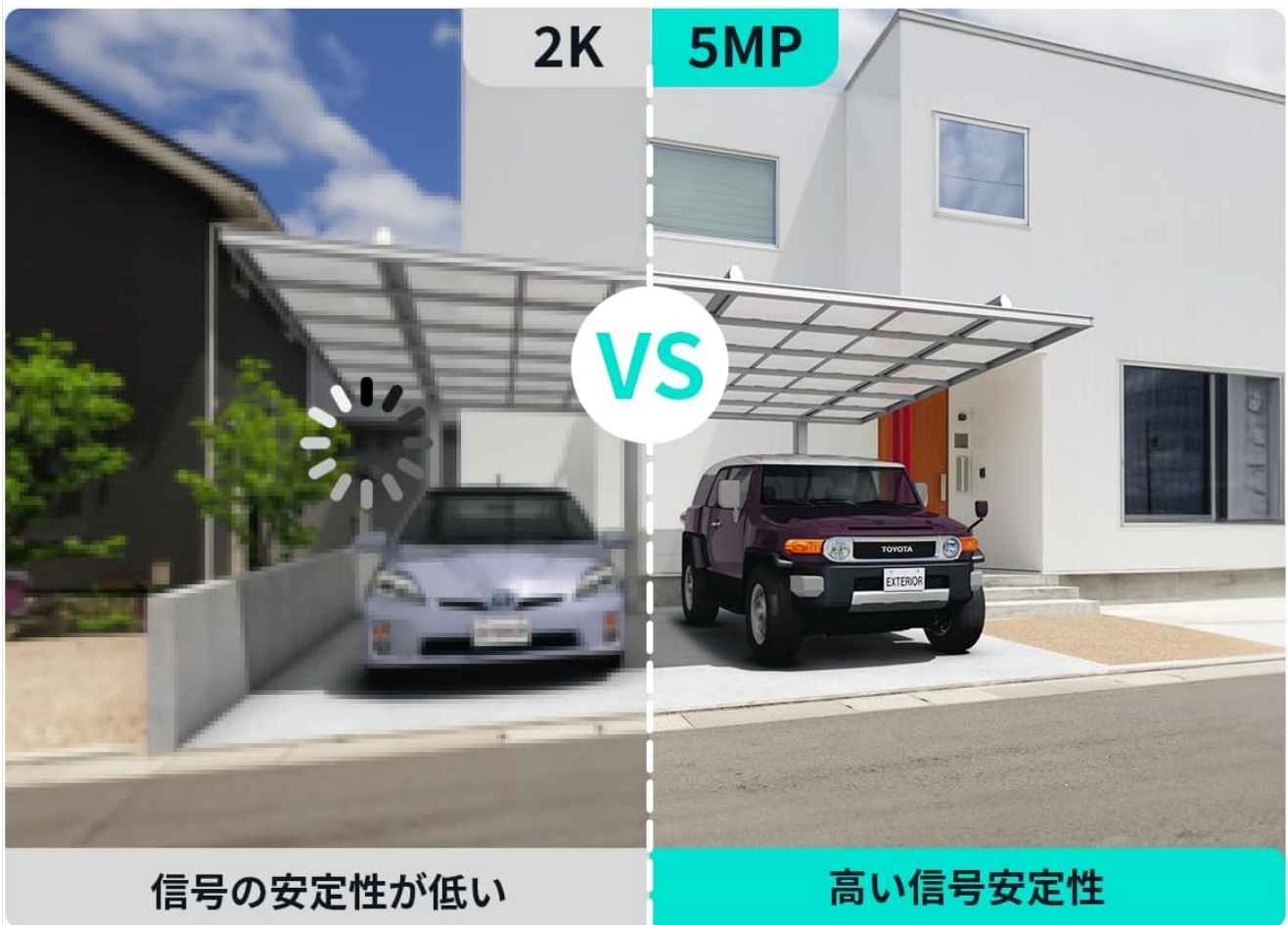


Image: Overview of the COOAU AR-W608 PoE Security Camera System components.

## 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.

- PoE Camera x 4

- Main Unit (NVR) x 1
- 18.3m LAN Cable (for camera) x 4
- 2TB HDD (built-in NVR) x 1
- Instruction Manual x 1
- Mouse x 1
- Power Adapter (for NVR) x 1
- Wall Mount Brackets x 4
- Screws and Anchors (for each camera) x 4 sets
- Drilling Position Stickers x 4
- 1m LAN Cable (for NVR) x 1

# 24/7 年中無休連続録画・H.265圧縮方式

24時間365日録画を行うことで、迷惑行為や近隣トラブル、盗難や車上荒らしなどの決定的な証拠を記録、防犯に役立ちます！従来のH.264圧縮方式と比べるとH.265圧縮方式は約2倍の圧縮性能を持っています。

春

夏



365日録画

冬

秋



**2TB**

内蔵ハードドライブ



**10TB**

最大限のサポート

Image: All components included in the COOAU AR-W608 PoE Security Camera System package.

### 3. SETUP GUIDE

The COOAU AR-W608 system is designed for plug-and-play functionality with pre-configured internal systems, making setup straightforward.

### 3.1 Connecting the Cameras to the NVR

1. Connect each PoE camera to one of the 8 PoE LAN ports on the rear of the main NVR unit using the provided 18.3m LAN cables. These cables supply both data and power.
2. Ensure the LAN cable protection cap is securely attached to enhance waterproof performance for outdoor installations.



Image: Illustration of the plug-and-play setup and the system's expandability up to 8 cameras.

### 3.2 Connecting Peripherals to the NVR

3. Connect the USB mouse to a USB port on the NVR.
4. Connect the dedicated power adapter to the NVR and plug it into a power outlet.
5. Connect the NVR to a monitor or TV using either an HDMI or VGA cable (monitor/TV not included).

### 3.3 Powering On and Initial Access

6. Turn on the power switch on the rear panel of the NVR to start the NVR and cameras.
7. After setting a password and creating an account, the system will enter the initial preview screen.
8. Once the dedicated cameras are connected, video will automatically display on the monitor.

Your browser does not support the video tag.

Video: Demonstrates the physical connections for the NVR, including cameras, mouse, power, and monitor, followed by the system startup and live view display.

## 4. OPERATING INSTRUCTIONS

### 4.1 AI Detection and Auto-Tracking

The system features advanced AI detection capable of distinguishing between humans, vehicles, pets, and packages. This reduces false alarms and allows for precise monitoring.

- **Smart Detection:** Configure the system to detect specific objects (humans, vehicles, pets, packages) to receive relevant alerts.
- **Automatic Tracking:** When human movement is detected, the camera will automatically track the subject,

recording the entire event. After the subject leaves the frame, the camera returns to its default monitoring position.

## プラグアンドプレイ・初期設定不要

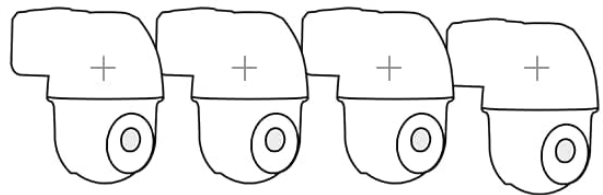
LAN ケーブル1本で電源供給・データ転送が可能



## 最大8台まで増設可能



カメラ1    カメラ2    カメラ3    カメラ4



カメラ5    カメラ6    カメラ7    カメラ8

Image: A camera detecting and tracking a person, highlighting the AI detection capabilities.



### 空間を活用できるスタンド

幅広い便利なスタンドが用意されているので、壁や天井に簡単に取り付けられ、多様な用途に対応します。

Image: Visual representation of automatic tracking and 360-degree wide-angle surveillance.



Image: High-precision AI detection focusing on relevant objects while filtering out others like pets.

## 4.2 Two-Way Audio and Alarms

Communicate remotely and deter intruders with the integrated microphone and speaker.

- **Real-time Communication:** Use the built-in high-sensitivity microphone and quality speaker to engage in two-way conversations with visitors or family members via your smartphone or tablet.
- **Instant Alerts:** Receive immediate notifications on your smartphone when suspicious activity is detected.
- **Sound and Light Alarm:** The camera can emit sound and light alarms to deter intruders upon detection.



### 長距離でも安定した接続、設置自由

18mのLANケーブルを付属し、wifiカメラと比べ、録画機との距離や有効な電波距離に制限なく、最大250mほど遠く設置可能、**設置自由!** 壁などの障害物に支障されないし、遠く設置しても流暢な映像を楽々に視聴可能となります。

Image: Demonstrates two-way audio communication and an instant alarm notification for intrusion detection.

### 4.3 PTZ Remote Control

Control the camera's viewing angle remotely for comprehensive coverage.

- **Pan & Tilt:** The camera supports 355° horizontal pan and 90° vertical tilt, allowing you to adjust the viewing angle from your monitor or smartphone.
- **360° Surveillance:** Achieve full 360-degree surveillance of your property.

## 24ヶ月製品保証

注文した日から24ヶ月以内に、もし製品に関する問題があれば、いつでもご連絡いただけます。万が一不具合が発生した場合、速やかに新品に交換いたします。



COOAU Japan公式サイト会員を対象に36ヶ月保証へ自動延長致します。

Image: Remote PTZ control via smartphone and monitor, illustrating the camera's pan (355°) and tilt (90°) capabilities.

### 4.4 Recording Modes

The NVR supports various recording options to suit your security needs.

- **24/7 Continuous Recording:** The built-in 2TB HDD allows for continuous recording throughout the year.
- **Detection Recording:** Records only when motion or AI-detected events occur, saving storage space and making event review easier.
- **H.265 Compression:** Utilizes H.265 video compression technology, which saves approximately 50% more storage space compared to H.264, allowing for longer recording periods.



Image: Visualizing 24/7 continuous recording capability throughout the year, supported by the 2TB HDD (expandable to 10TB).

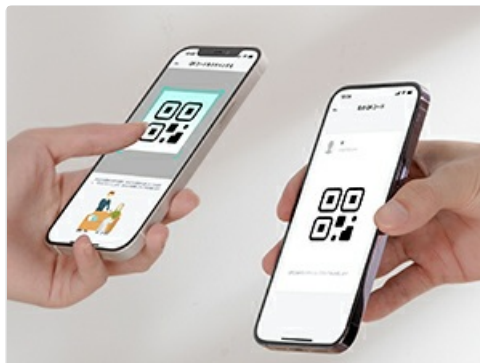


Image: Interface showing options for continuous recording and detection-based recording.

#### 4.5 Remote Access

Access your camera feeds from anywhere using your mobile device.

- **Smartphone/Tablet Compatibility:** Connect the NVR to your router to enable real-time video monitoring and receive alerts on your iPhone or Android smartphone/tablet, even when you are away or overseas.



Image: A person viewing a live camera feed on a smartphone, illustrating Android and iOS compatibility.

## 5. KEY FEATURES

### 5.1 High Resolution and Stable Connection

Experience clear, high-definition surveillance with a reliable wired connection.

- **5MP Resolution:** Records video at 2880x1600P, capturing sharp details like vehicle license plates and faces.
- **Wired PoE Connection:** Provides stable data transfer and power supply via a single LAN cable, eliminating signal degradation, delays, or buffering common with Wi-Fi systems.
- **Extended Range:** Cameras can be installed up to 250m from the NVR, offering greater flexibility than typical Wi-Fi cameras.

# 25M超長暗視距離、強化された安全感

四つの赤外線と白色の二種類のLEDが搭載し、夜間25m内の人の顔や車の尾号などの細部まではっきり認識でき、異常をいち早く検知、スマホに写真付きで即時通知ので、不審者が行動しやすい夜間に安全感を与えます。



Image: Visual comparison demonstrating the superior clarity of 5MP resolution over 2K.



Image: Illustrates the superior signal stability of the wired system compared to wireless alternatives.



Image: Depicts flexible camera installation around a house, showcasing stable long-distance connectivity.

## 5.2 Enhanced Night Vision

The cameras provide clear visibility even in complete darkness.

- **25m Night Vision:** Equipped with 4 infrared and LED lights, enabling clear recognition of faces and vehicle details up to 25 meters at night.
- **Color Night Vision:** Supports both infrared (black and white) and full-color night vision modes.

## スマートな人体検知 & 可復元自動追跡

人のみを検知され、虫、光変化や枝の揺れなどに対してほとんど反応しないので、不要な誤警報を避けます、人を検知するとすぐに自動的に追跡しながら、記録され、不在でもお宅の周囲の状況をよく把握できる。

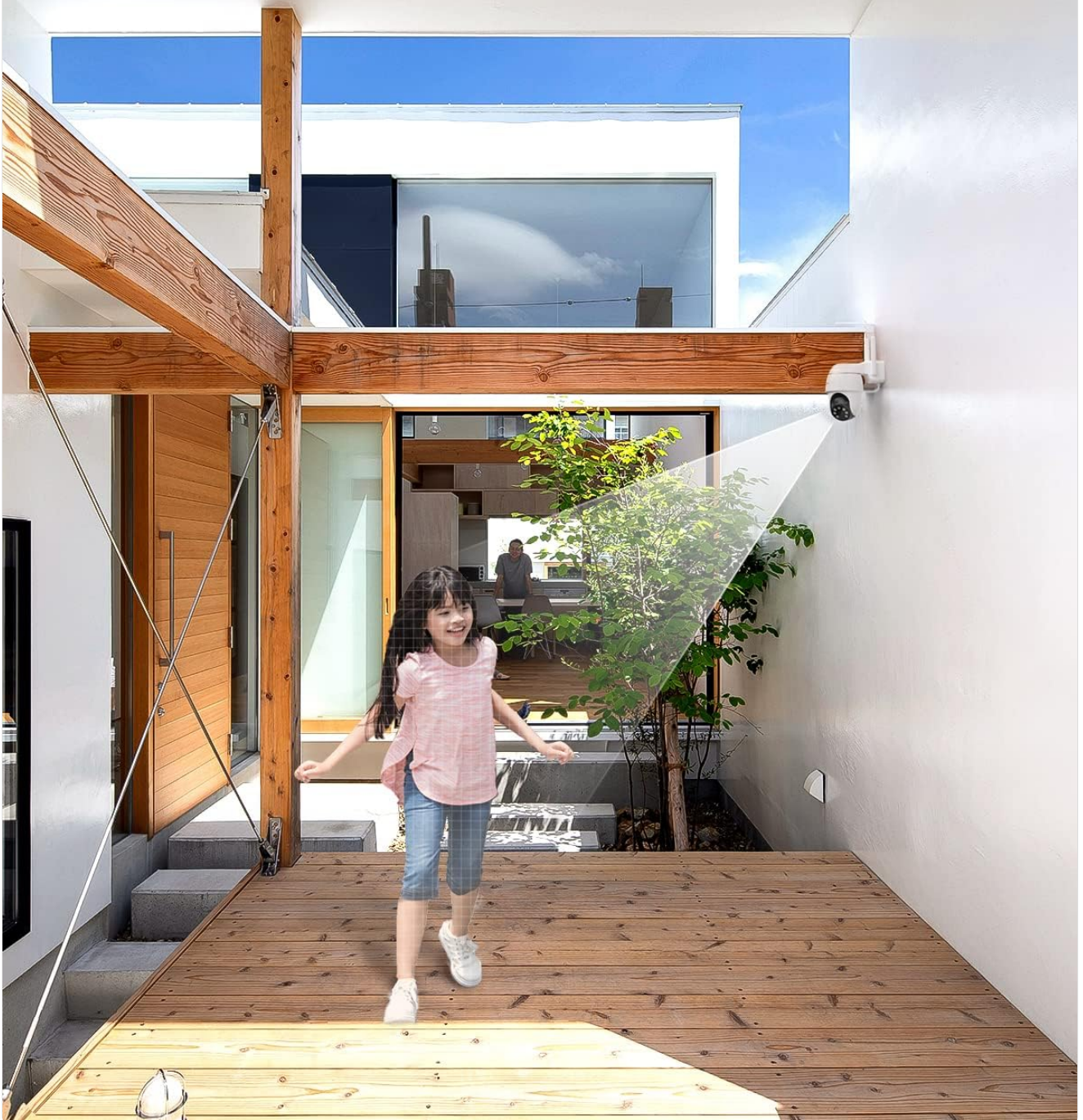


Image: Demonstrates the 25-meter night vision capability, clearly showing a person and a car.



### 高精度AI検知機能、関心の対象だけに発見可能

AI検知機能を搭載し関心のある対象（人物、ペット、車、箱）を検知するのみを設定するのが可能です。人物および車両を高い精度で他の物体と区別して識別します。動物や影などの動き検出避けて、誤報を削減できます。

Image: Shows the difference between infrared (monochrome) and full-color night vision modes.

## 5.3 Durable and Weatherproof Design

Built to withstand various environmental conditions.

- **IP66 Waterproof:** The cameras are IP66 rated for waterproof and dustproof performance, suitable for outdoor use in rain and snow.
- **Heat Dissipation:** Constructed with heat-dissipating materials for enhanced durability and a longer lifespan (approximately 3 times longer than standard cameras).
- **Operating Temperature:** Functions reliably in temperatures ranging from -20°C to 55°C.



Image: Demonstrates the camera's IP66 waterproof rating and internal heat dissipation design for durability.

## 5.4 Expandable System

The system can be expanded to cover larger areas.

- **Up to 8 Cameras:** The NVR supports up to 8 cameras in total. Additional cameras can be purchased separately (ASIN: B0D7M63KCD).
- **Multi-Screen Monitoring:** View feeds from multiple cameras simultaneously on a monitor, TV, or smartphone for comprehensive coverage.

## 6. MAINTENANCE

- **Cleaning:** Regularly wipe the camera lens with a soft, dry cloth to ensure clear image quality. Do not use harsh chemicals.
- **Firmware Updates:** Check the COOAU official website periodically for firmware updates to ensure optimal performance and security.
- **Data Backup:** While the 2TB HDD provides ample storage, consider backing up critical recordings to an external device or cloud storage if available.
- **Cable Inspection:** Periodically inspect all cables for any signs of wear or damage, especially for outdoor installations.

## 7. TROUBLESHOOTING

If you encounter any issues, please refer to the following common solutions before contacting customer support.

Problem	Possible Cause	Solution
No image on monitor	Loose cable connection, NVR/monitor not powered on.	Check HDMI/VGA cable connection. Ensure NVR and monitor are powered on.
Camera not displaying video	LAN cable disconnected, camera not receiving power.	Verify LAN cable connection between camera and NVR. Check NVR power.
Poor image quality/lag	Damaged LAN cable, network congestion (for remote viewing).	Inspect LAN cables for damage. Ensure stable internet connection for remote viewing.
No remote access	NVR not connected to router, incorrect app settings.	Ensure NVR is connected to your router via LAN. Check app network settings and firewall.
False AI detections	Sensitivity too high, environmental factors (e.g., moving branches).	Adjust AI detection sensitivity and detection zones in the NVR settings.

## 8. SPECIFICATIONS

Feature	Detail
Brand	COOAU
Model Number	AR-W608
Video Resolution	5MP (2880x1600P)
Storage	2TB HDD (built-in), expandable up to 10TB
Video Compression	H.265

Feature	Detail
Night Vision Range	Up to 25 meters
Waterproof Rating	IP66
Operating Temperature	-20°C to 55°C
Connectivity	PoE Wired LAN (up to 250m cable length)
NVR Ports	8x PoE LAN, HDMI, VGA, USB
AI Detection	Human, Vehicle, Pet, Package detection
PTZ Control	Pan 355°, Tilt 90°
Two-Way Audio	Yes
Mobile App Support	iOS, Android
Product Dimensions (NVR)	23 x 7 x 28 cm

## 9. WARRANTY AND SUPPORT

COOAU is committed to providing high-quality and reliable products. Your security camera system comes with comprehensive support.

- **Standard Warranty:** A 24-month warranty is provided from the date of purchase.
- **Warranty Extension:** An additional 12-month warranty extension plan is available. Please refer to the product registration details or contact customer support for more information.
- **Customer Service:** For any inquiries before purchase, product questions, or in the event of a defect, new replacements or refunds are available for defective products.
- **Contact Information:**
  - Official Email: [support-jp@cooau.com](mailto:support-jp@cooau.com)
  - Business Hours: Monday - Friday, 9:00 - 18:00 (JST)
  - You can also contact the seller directly through your Amazon order history.
- **Setup Videos:** Reference videos for initial setup and installation are available to assist new users.