

Loocam LU8W8W-8M41S-296

Loocam 4K Wireless Security Camera System

MODEL: LU8W8W-8M41S-296 - INSTRUCTION MANUAL

1. Product Overview

The Loocam 4K Wireless Security Camera System provides comprehensive surveillance with advanced features. This system includes an 8-channel NVR with a pre-installed 1TB hard drive and four 4K cameras. Key functionalities include Wi-Fi 6 connectivity, color night vision, pan-tilt capabilities, AI-powered detection, and two-way audio communication.



2. What's in the Box

- 1x 8CH 8MP NVR with 1TB Hard Drive Pre-installed
- 4x 4K Cameras
- 4x Camera Power Adapters
- 1x NVR Power Adapter
- 1x Ethernet Cable
- 1x HDMI Cable
- 1x USB 2.0 Mouse
- 4x Mounting Screws
- 4x Mounting Templates
- 1x Waterproof Lid
- 1x Quick Start Guide

Package Content



Image: All components included in the Loocam 4K Wireless Security Camera System package.

3. Setup

Follow these steps to set up your Loocam 4K Wireless Security Camera System.

- 1. Connect the NVR:** Connect the NVR to your router using the Ethernet cable. Connect the NVR to a monitor or TV via the HDMI cable. Plug in the NVR power adapter and the USB mouse.
- 2. Power on Cameras:** Connect each 4K camera to its individual power adapter. The cameras will automatically pair with the NVR.
- 3. Initial NVR Configuration:** Once the NVR boots up and displays on your monitor, select your preferred language. Follow the on-screen prompts to set a password for the system.

4. **App Download and Connection:** Download the Loocam APP or AVSS client on your smartphone or tablet. Scan the QR code displayed on the NVR monitor to add the system to your app for remote viewing.
5. **Camera Mounting:** The cameras feature a 360° rotatable bracket for flexible installation on walls or ceilings. Use the provided mounting screws and templates. Ensure the camera and NVR are connected to a power outlet.

Video: Unboxing and Installation Guide for Loocam WiFi 6 Camera System.



Image: Visual representation of the three-step setup process for the Loocam system.

4. Operating Instructions

4.1 Remote Viewing and Playback

Access live feeds and recorded video from your smartphone or tablet anytime, anywhere, using the Loocam APP or AVSS client. The system supports remote playback of stored footage.

Video: Tutorial on how to view the Loocam WiFi 6 Security Camera System via the mobile app.

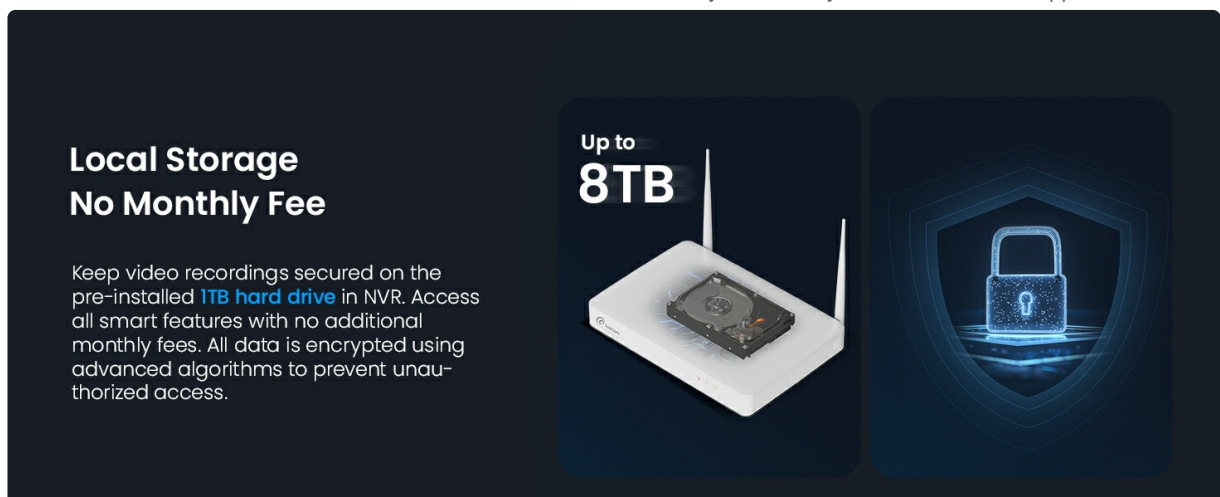


Image: Remote access to camera feeds from smartphones, tablets, and computers.

4.2 Smart AI Auto Tracking and Detection

The cameras feature 355° pan and 95° tilt capabilities. Smart AI automatically tracks detected individuals or vehicles, ensuring continuous monitoring of movement. The system accurately detects people and vehicles, reducing false alarms from animals or shadows.

Smart AI Auto Focus & Tracking



Image: Illustration of smart AI auto-tracking with 355° pan and 95° tilt camera movement.

Human/ Vehicle Detection Instant Alerts

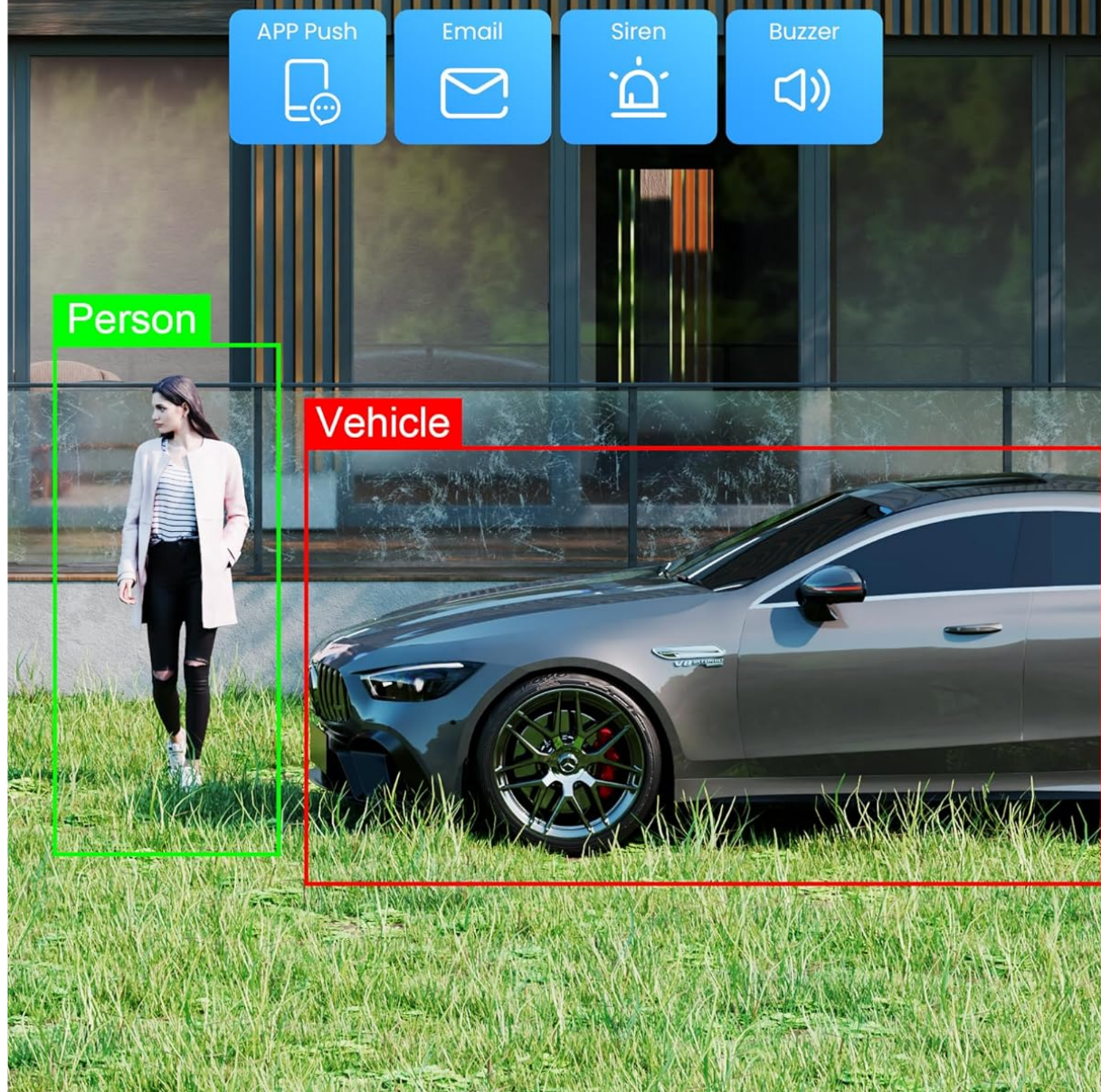


Image: Visual representation of human and vehicle detection with instant alerts.

4.3 Instant Siren & Spotlight Alerts and Two-Way Talk

Upon detection of people or vehicles, the system can trigger siren and spotlight alarms. APP notifications are sent to your device for immediate awareness. The two-way audio feature allows for remote communication, enabling you to greet visitors or deter intruders.

Remote Access and Two-Way Talk



Image: Depiction of instant siren and spotlight alerts triggered by detection, with corresponding app notifications.

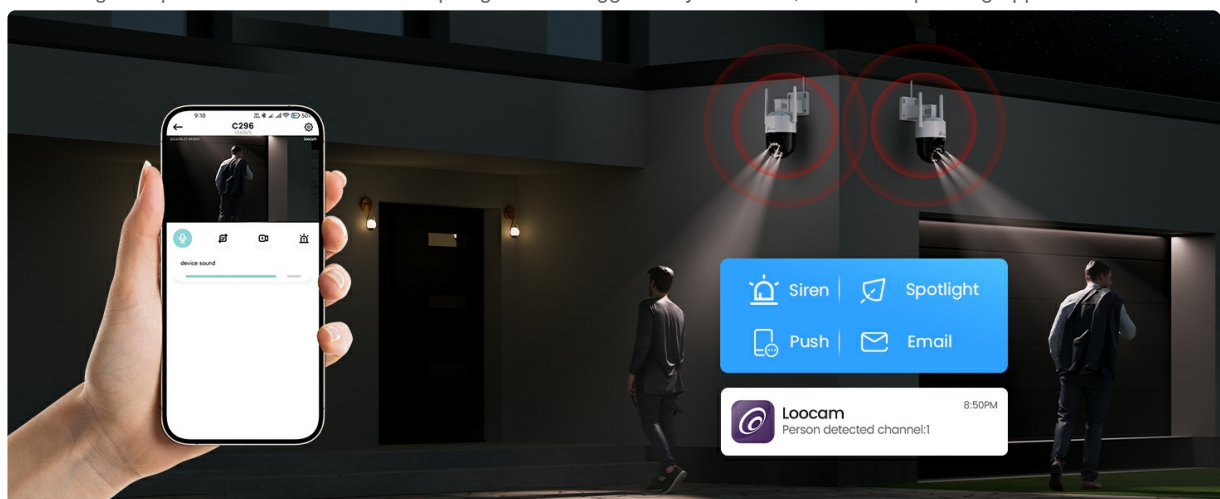


Image: A person communicating through the camera's two-way audio feature.

4.4 4K Ultra HD & Color Night Vision

The cameras capture video in 4K Ultra HD (3840x2160) resolution, providing clear and detailed images. The system supports auto-switching color night vision, allowing for clear color surveillance footage even in low-light conditions.

The graphic features a dark blue background with a glowing blue circuit board. In the center is a square chip labeled 'WiFi 6'. Above the chip, the text 'Next-Gen Wi-Fi 6 Technology' is written in large white font, with '2.4GHz WiFi Only' in a blue pill-shaped box below it. Below this, a horizontal bar contains four icons and their corresponding benefits: a speedometer for '8X Faster Speed', a storage icon for '4X Larger Capacity', a battery icon for 'Save Device's Power', and a puzzle piece for 'Backwards Compatible'. At the bottom, a horizontal bar compares 'Wi-Fi 4 Speeds' (a short grey bar) and 'Wi-Fi 6 Speeds' (a long blue bar with an upward arrow). A note at the bottom left states: 'Note: Wi-Fi 6 router recommended for better performance. Based on Loocam Lab data.'

Next-Gen Wi-Fi 6 Technology

2.4GHz WiFi Only

- 8X Faster Speed**
- 4X Larger Capacity**
- Save Device's Power**
- Backwards Compatible**

Wi-Fi 4 Speeds

Wi-Fi 6 Speeds

Note: Wi-Fi 6 router recommended for better performance. Based on Loocam Lab data.

Image: Comparison of 4K 8MP resolution and color night vision capabilities.

4.5 Continuous Recording and Storage

The NVR comes with a pre-installed 1TB hard disk for 24/7 continuous recording. The storage capacity is expandable up to 8TB, providing ample space for video archives without ongoing subscription fees.

24/7 Continuous Recording



Built-in

1TB HDD



Expandable Up to

8TB



Image: Camera with details on built-in 1TB HDD and expandability up to 8TB for continuous recording.

5. Maintenance

5.1 Weatherproof Rating

The outdoor security cameras are rated IP66 weatherproof, ensuring normal operation in temperatures ranging from -10°C to +60°C (14°F to 140°F). This allows for reliable use in various indoor and outdoor environments.

Remote Viewing and Sharing

Remotely access live feeds and recorded video anywhere anytime, and also easily share live feeds with family members.



Image: Mounting options (wall, ceiling) and IP66 weatherproof rating for the outdoor camera.

5.2 General Care

Regularly check camera lenses for dirt or obstructions and clean with a soft, damp cloth. Ensure all cable connections are secure and protected from environmental elements. Periodically verify hard drive status and available storage space.

6. Troubleshooting

- **No Video Feed:** Ensure all power adapters are securely connected to both the NVR and cameras. Verify HDMI/VGA connections to the monitor. Check network connectivity for remote viewing.
- **Poor Wi-Fi Performance:** Ensure your Wi-Fi 6 router is operating on the 2.4GHz band. Position cameras within optimal range of the NVR's dual antennas. Consider a Wi-Fi 6 router for improved performance.
- **False Alarms:** Adjust the sensitivity settings for human/vehicle detection in the system's configuration to minimize triggers from environmental factors like animals or shadows.
- **Playback Issues:** Check the NVR's hard drive status to ensure it is functioning correctly and has sufficient storage.
- **App Connectivity Problems:** Verify your smartphone or tablet has a stable internet connection. Ensure the Loocam APP/AVSS client is updated to the latest version.

7. Specifications

Feature	Detail
Brand	Loocam
Model Number	LU8W8W-8M41S-296
Connectivity Technology	Wireless (Wi-Fi 6, 2.4GHz only)
Video Capture Resolution	4K (3840x2160)



Special Features	Dual Antenna Enhance, Lightning Protection, Siren Alarm, Smart Playback, Two-Way Audio, Human/Vehicle Detection, Color Night Vision, 355° Pan, 95° Tilt, IP66 Weatherproof
Number of Channels	8
Memory Storage Capacity	1 TB (expandable to 8 TB)
Power Source	Corded Electric
Night Vision Range	100 Feet
Operating Temperature	-10°C~+60°C (14°F~140°F)







8. Warranty and Support

- **30-Day Money Back and Free Return:** Contact customer service within 30 days of purchase for returns.
- **2-Year Limited Warranty:** The product is covered by a 2-year limited warranty.
- **Prompt Online Assistance:** For technical support or inquiries, prompt online assistance is available.
- **Lifetime Technical Support:** Loocam provides lifetime technical support for its products.

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Related Documents - LU8W8W-8M41S-296

 User Manual <small>Wire-Free Battery Powered Security Camera</small>  <small>For more information about this camera, please visit our official website: www.loocam.com</small>	<p>Loocam C1 Wire-Free Battery Powered Security Camera User Manual</p> <p>Comprehensive user manual for the Loocam C1 wire-free battery-powered security camera. Learn about setup, installation, app usage, features, and troubleshooting.</p>
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<div><p>User Manual Wire-Free Battery Powered Security Camera</p><p>For more information about this camera, please visit our official website: www.loocam.com</p></div>	<p>Loocam Wire-Free Battery Powered Security Camera User Manual & Setup Guide</p> <p>Comprehensive user manual for the Loocam wire-free battery-powered security camera. Covers unboxing, app installation (CloudEdge), device setup, Wi-Fi connection, camera installation (wall mount, magnetic mount), app interface, PIR alert settings, notification playback, troubleshooting, and warranty information.</p>
<div></div>	<p>Request for Confidentiality - FCC ID 2BEXF-PR1 - Zhuhai Loocam Technology Co., Ltd.</p> <p>Letter from Zhuhai Loocam Technology Co., Ltd. to the Federal Communications Commission requesting indefinite and short-term confidentiality for FCC filing documents related to FCC ID 2BEXF-PR1.</p>
<div><p>Overview:</p><p>The Loocam 18-Port Gigabit PoE Switch is a powerful network switch designed for enterprise and industrial environments. It features 16 PoE ports (IEEE 802.3af/at) and 2 Gigabit uplink ports, providing high-speed data transfer and power delivery to connected devices. The switch is built with robust components, ensuring reliable performance in demanding environments. It also includes advanced features like QoS, VLAN, and SNMP for network management.</p><p>Highlights:</p><ul style="list-style-type: none">16 PoE ports (IEEE 802.3af/at)2 Gigabit uplink portsAdvanced network management featuresRobust industrial-grade design</div>	<p>Loocam 18-Port Gigabit PoE Switch: Specifications and Overview</p> <p>Detailed specifications for the Loocam 18-Port Gigabit PoE Switch, featuring 16 PoE ports (IEEE 802.3af/at) and 2 Gigabit uplink ports. Includes overview, highlights, and technical data.</p>
<div></div>	<p>S&R Gruntek Primavera Oscillating Sprinklers User Manual</p> <p>Comprehensive user manual for S&R Gruntek Primavera oscillating sprinklers (models 296.217.113, 296.217.174, 296.217.223). Covers product features, specifications, safety precautions, preparation, operation, maintenance, storage, and disposal.</p>
<div></div>	<p>Gruntek Primavera Oscillating Sprinklers User Manual</p> <p>Comprehensive user manual for Gruntek Primavera oscillating sprinklers, detailing features, specifications, safety guidelines, operation, maintenance, storage, and disposal for models 296.217.051, 296.217.066, and 296.216.251.</p>