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Loocam LQ8M4S-4W81S-124

Loocam 1080p H.265+ DVR Home Security Camera System Instruction Manual

Model: LQ8M4S-4W81S-124

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Loocam 1080p H.265+ DVR Home Security Camera System. This system is designed to provide reliable surveillance with features such as 1080p HD video, 80ft night vision, AI human/vehicle detection, and remote access capabilities. Please read this manual thoroughly before using the product to ensure proper setup and functionality.

Intelligent Detection Person/Vehicle

✉ Email

📱 App Push

🔔 Buzzer in DVR



Loocam

Someone shows UP

NOW

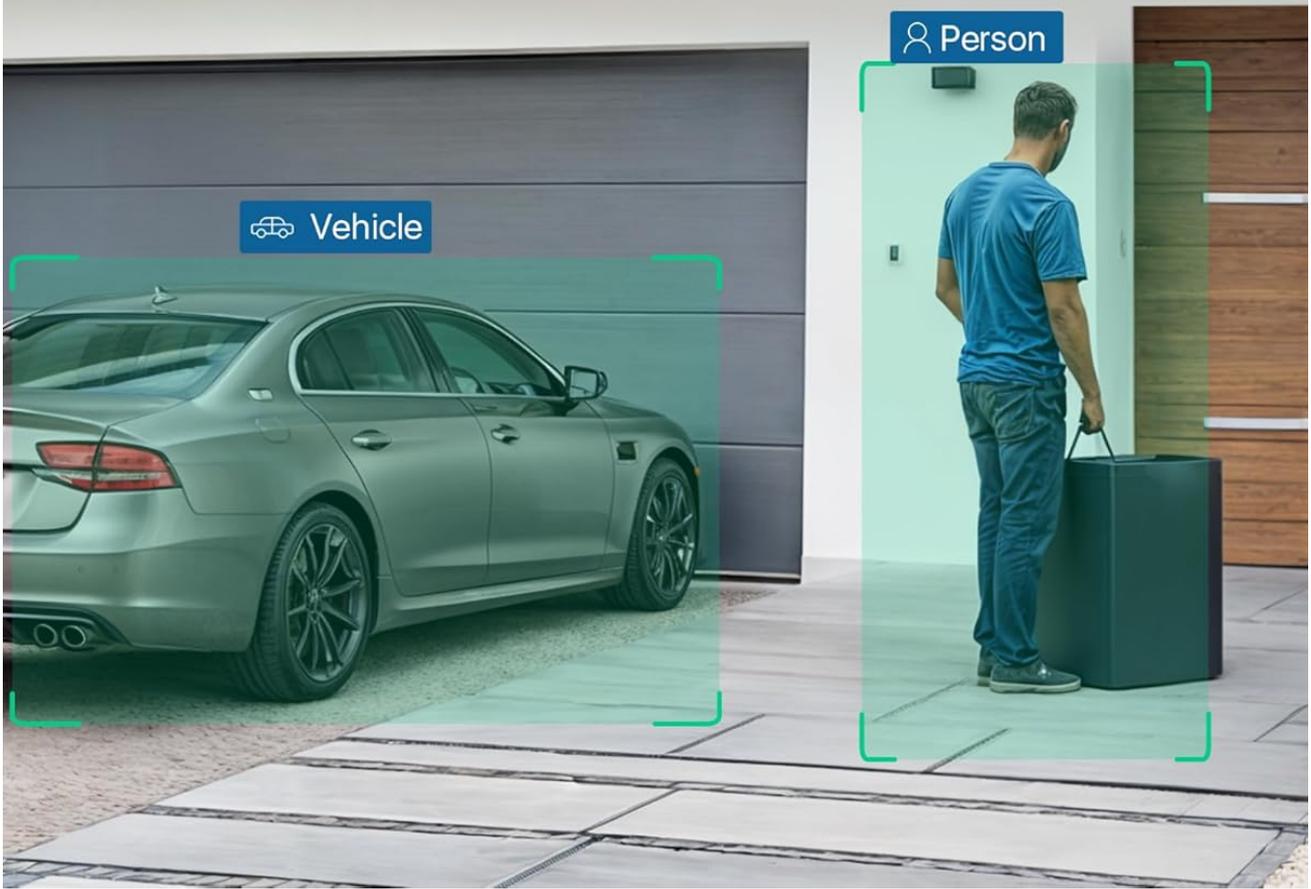


Figure 1: Loocam 1080p H.265+ DVR Home Security Camera System.

2. WHAT'S IN THE BOX

Verify that all components are present in your package:

- 1x 8-Channel DVR (1TB Hard Drive Pre-installed)
- 8x 1080P HD Cameras
- 8x BNC Cables
- 2x 1 To 4 Power Splitters

- 1x Ethernet Cable
- 3x Power Supplies
- 1x USB Mouse
- 8x Mounting Screw Bags
- 8x Mounting Templates
- 1x Quick Start Guide

Package Content



x1

8-Channel DVR



x8

Camera



x8

BNC Cable



x2

1 To 4 Power Splitter



x1

Ethernet Cable



x3

Power Supply



x1

USB Mouse



x8

Mounting Screw Bag



x8

Mounting Template



x1

Quick Start Guide

Figure 2: Package Contents. Ensure all items are accounted for.

3. SETUP AND INSTALLATION

3.1 Camera Installation

Follow these steps to install your security cameras:

1. **Choose a Location:** Select a suitable installation location for each camera, ensuring optimal viewing angles and network connectivity. The cameras are IP66 weatherproof, suitable for both indoor and outdoor use.
2. **Mounting:** Use the provided mounting templates to mark drill holes. Drill holes as indicated and insert the rubber plugs.
3. **Secure Camera:** Fix the camera to the mounting surface using the provided screws. Adjust the camera to the desired angle.

**Efficient Compression
Expandable Storage**

1TB security grade hard drive is pre-installed and supports up to 8TB. Equipped with advanced H.265+ coding, it saves 50% bandwidth and storage for extended recording.

H.265+ Save 50% Storage

H.264

8TB

loocam

Figure 3: Example camera mounting locations for comprehensive coverage.

3.2 DVR and Camera Connection

Connect the DVR and cameras as follows:

1. **DVR Connections:** Connect the power supply, monitor (via HDMI or VGA), USB mouse, and Ethernet cable (for remote access) to the DVR.
2. **Camera to DVR:** Connect each camera to the DVR using the BNC cables. Use the 1 to 4 power splitters to power multiple cameras from a single power supply.
3. **Power On:** Once all connections are secure, power on the DVR. The system should display video feeds on the connected monitor.

24/7 Local Recording

No Monthly Fee



Built-in
1TB HDD



Up to
8TB HDD via SATA

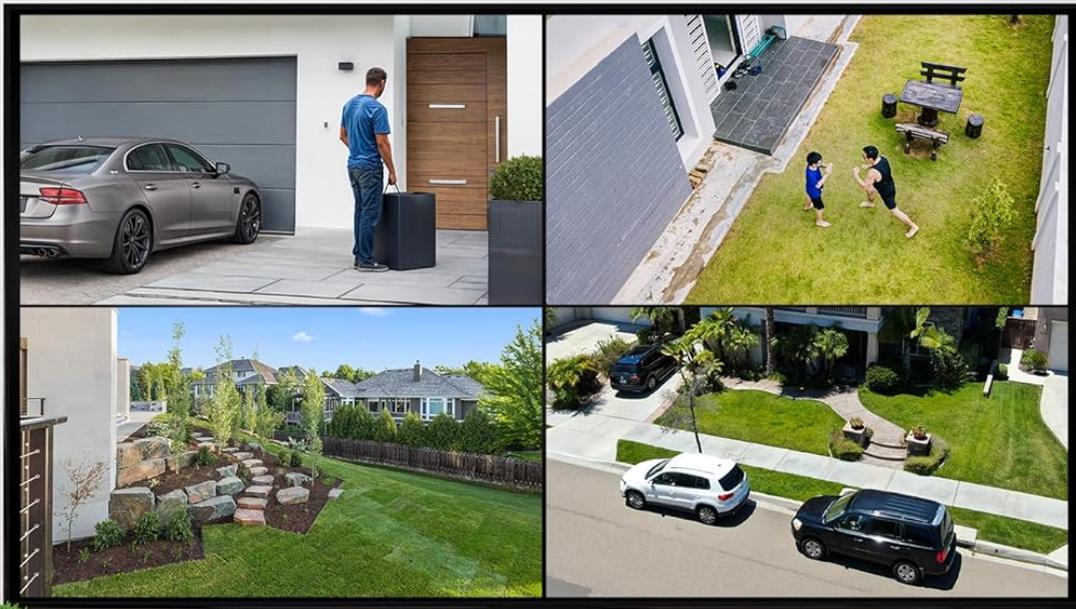


Figure 4: DVR rear panel connections for power, video, audio, and network.

3.3 Setup Videos

Your browser does not support the video tag.

Video 1: How to Install and Add - Loocam Wired Security Camera System. This video demonstrates the physical installation process for the cameras and adding them to the system.

Your browser does not support the video tag.

Video 2: How to Connect the Camera to the DVR. This video provides a step-by-step guide on connecting the cameras to the DVR unit.

4. OPERATING THE SYSTEM

4.1 Local Viewing and Recording

The DVR supports local viewing and recording without an internet connection. Connect a monitor directly to the DVR to view live feeds and playback recorded footage. The pre-installed 1TB HDD provides continuous 24/7 recording, automatically overwriting older footage when full. You can customize recording preferences, including continuous, scheduled, and alarm recording modes.



Figure 5: Local viewing of multiple camera feeds on a connected monitor.

4.2 Remote Access via App

For remote viewing and control, connect your DVR to the internet and use the Loocam APP/AVSS on your smartphone, tablet, or PC. This allows you to access live footage, playback recordings, and receive alerts from anywhere.

1. **Download App:** Download the Loocam APP or AVSS client from your device's app store.
2. **Add Device:** Follow the in-app instructions to add your DVR device by scanning the QR code or entering the device ID.
3. **View Footage:** Once added, you can view live streams, access recorded events, and manage settings remotely.

Privacy & Data Security

Privacy masks can obscure specific areas to ensure that sensitive locations are not recorded. All data is encrypted using advanced algorithms and private protocols to prevent unauthorized access and tampering.



5 Privacy Mask



Data Encryption Algorithm



Figure 6: Remote access to your security system via the Loocam app on various devices.

4.3 App Viewing Video

Your browser does not support the video tag.

Video 3: How to View by App - Loocam Wired Security Camera System. This video guides you through setting up and using the mobile application for remote viewing.

5. ADVANCED FEATURES

5.1 AI Human/Vehicle Detection

The system features advanced AI human and vehicle detection, reducing false alarms caused by animals, shadows, or environmental factors. When human or vehicle activity is detected, the system triggers instant alerts via app push notifications, email, and a DVR buzzer.



Smart 2MP Wired Camera System

24/7 Protection with Human/Vehicle Detection

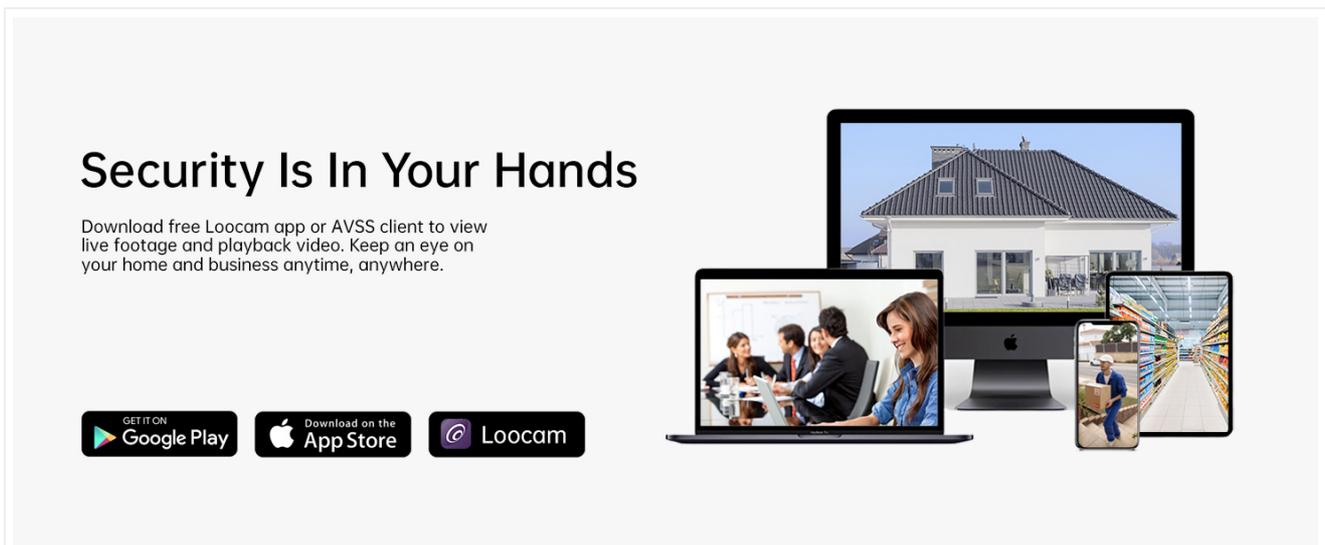
- AI Human/Vehicle Detection**
- 1TB Expandable to 8TB HDD**
- Real 1080P Day&Night**

The advertisement features a collection of white Loocam security cameras and a black DVR unit with a 1TB hard drive. The background is a light blue gradient.

Figure 7: AI-powered human and vehicle detection with alert options.

5.2 H.265+ Video Compression

Utilizing upgraded H.265+ video compression technology, the system doubles the data compression rate compared to H.264. This extends recording time, reduces bandwidth usage, and maximizes storage space for smoother video transmission and longer retention of footage.



Security Is In Your Hands

Download free Loocam app or AVSS client to view live footage and playback video. Keep an eye on your home and business anytime, anywhere.

GET IT ON Google Play | Download on the App Store | Loocam

The advertisement shows a laptop displaying a meeting, a desktop monitor showing a house, a tablet showing a warehouse, and a smartphone showing a person walking. The background is a light blue gradient.

Figure 8: H.265+ compression offers significant storage and bandwidth savings.

5.3 Privacy Masking

Privacy masks allow you to obscure specific areas within the camera's field of view to ensure sensitive locations are not

recorded. This feature helps protect personal privacy while maintaining surveillance in other areas.



Figure 9: Privacy masks can be configured to exclude sensitive areas from recording.

6. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your security system:

- **Clean Cameras:** Periodically clean camera lenses and housings to remove dust, dirt, or cobwebs that may obstruct the view. Use a soft, damp cloth.
- **Check Connections:** Ensure all cables (BNC, power, Ethernet) are securely connected to prevent signal loss or power interruptions.
- **Software Updates:** Check for firmware updates for your DVR and app to ensure you have the latest features and security enhancements.
- **Hard Drive Health:** While the DVR automatically overwrites, it is good practice to periodically check the hard drive status through the DVR interface to ensure it is functioning correctly.

7. TROUBLESHOOTING

If you encounter issues with your Loocam security system, refer to the following common solutions:

- **No Video Display:**
 - Check power connections for both the DVR and cameras.
 - Ensure BNC cables are securely connected to both the camera and DVR.
 - Verify the monitor is correctly connected to the DVR and set to the correct input source.
- **False Alarms:**
 - Adjust the sensitivity settings for human/vehicle detection in the DVR or app.
 - Utilize privacy masks to exclude areas with frequent non-threatening motion (e.g., trees swaying).
- **Remote Access Issues:**
 - Ensure the DVR is connected to the internet via the Ethernet cable.
 - Verify your router has an active internet connection.
 - Check firewall settings on your router; some may block remote access ports.
 - Confirm the DVR is correctly added to the Loocam APP/AVSS.

- **Poor Night Vision:**

- Ensure the camera lens is clean and free from obstructions.
- Check for strong light sources near the camera that might interfere with infrared illumination.

For further assistance, please refer to the detailed troubleshooting section in the full user manual or contact customer support.

8. SPECIFICATIONS

Feature	Specification
Brand	Loocam
Model Number	LQ8M4S-4W81S-124
Connectivity Technology	Wired
Video Capture Resolution	1080p
Special Features	App Control, Night Vision, Privacy Masking, Smart Playback, Vehicle Detection
Number of Channels	8
Memory Storage Capacity	1 TB (expandable to 8 TB)
Color	White
Power Source	Corded Electric
Item Dimensions (L x W x H)	17 x 11 x 11 inches
Recommended Uses	Indoor/Outdoor, Home, Business, Human Detection, Vehicle Detection, Motion Sensor, Privacy Masking, Night Vision, Automatic Overwrite, App Control, Weatherproof, Smart Playback, Video Recording
Low Light Technology	Night Vision
Night Vision Range	80 Feet
Frame Rate	15 Frames per Second
Recording Mode	Event, Schedule

Feature	Specification
Total USB Ports	2
Hardware Interface	HDMI, SATA 1.5 Gb/s, USB 2.0, VGA
Video Input	BNC
Viewing Angle	90 Degrees
Smart Home Compatibility	Smart Home Compatible
Item Weight	14.82 pounds

9. WARRANTY AND SUPPORT

9.1 Warranty Information

The Loocam 1080p H.265+ DVR Home Security Camera System comes with a **2-Year Limited Warranty**. This warranty covers manufacturing defects and ensures the product functions as intended under normal use. For specific terms and conditions, please refer to the warranty card included in your package or contact Loocam customer support.

9.2 Customer Support

Loocam is committed to providing excellent customer service. If you have any questions, require technical assistance, or need to report an issue, please contact our support team. We offer prompt online assistance and lifetime technical support. For support, please visit the official Loocam website or refer to the contact information provided in your Quick Start Guide.