

REVODATA I706-P-A-HS-S

REVODATA 5MP Mini POE IP Camera (I706-P-A-HS-S) User Manual

Model: I706-P-A-HS-S

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your REVODATA 5MP Mini POE IP Camera (Model I706-P-A-HS-S). Please read this manual thoroughly before using the product to ensure proper functionality and safety.



Figure 1: REVODATA 5MP Mini POE IP Camera (I706-P-A-HS-S) with key features highlighted.

2. PRODUCT OVERVIEW AND PACKAGE CONTENTS

The REVODATA I706-P-A-HS-S is a compact 5MP indoor security camera featuring Power over Ethernet (POE) for simplified installation, a built-in microphone for audio recording, and H.265 video compression for efficient storage. It supports remote viewing via mobile applications and VMS software.

2.1 Key Features

- **5MP HD Resolution:** Captures clear and smooth high-resolution images/videos at up to 25 frames per second.
- **Built-in Microphone:** Supports one-way audio recording to capture sounds around the camera.
- **POE Support:** Integrated 48V 802.3af POE module for power and data transmission over a single Ethernet cable. Also supports 12V 2A auxiliary power.
- **H.265/H.264 Dual Encoding:** Reduces bandwidth and storage requirements by up to 50% compared to H.264.
- **Remote Viewing:** Access surveillance images remotely via the "Linklemo" mobile app (iOS, Android) and VMS software for Windows.
- **Motion Detection:** Provides alerts upon detecting human movement.

2.2 Package Contents

Verify that all items are present in your package:

- 1 x REVODATA 5MP Mini POE IP Camera (I706-P-A-HS-S)
- 1 x User Manual
- 1 x Screw Set for mounting



Figure 2: Detailed view of the camera, its ports, and included accessories.

3. SETUP AND INSTALLATION

3.1 Physical Installation

The camera is designed for indoor use and can be mounted on a ceiling or wall using the included screw set. Ensure the mounting surface is stable and can support the camera's weight.

1. Choose a suitable indoor location for optimal viewing coverage.
2. Use the camera's mounting bracket as a template to mark screw holes on the desired surface.
3. Drill pilot holes if necessary.
4. Secure the camera's mounting bracket to the surface using the provided screws.
5. Adjust the camera angle as needed.



Figure 3: Example of camera placement near a doorway for indoor surveillance.

3.2 Power and Network Connection

The camera supports Power over Ethernet (POE) or a standard 12V DC power supply.

- **POE Connection:** Connect an Ethernet cable from a POE-enabled switch or NVR directly to the camera's RJ45 port. This provides both power and data.
- **Auxiliary Power:** If POE is not available, connect a 12V 2A DC power adapter (not included) to the camera's DC power port and an Ethernet cable to the RJ45 port for network connectivity.

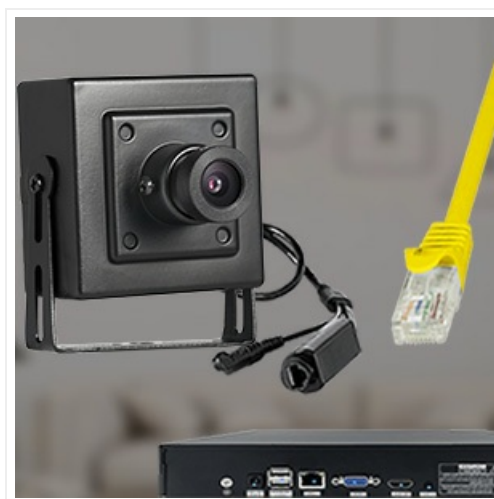
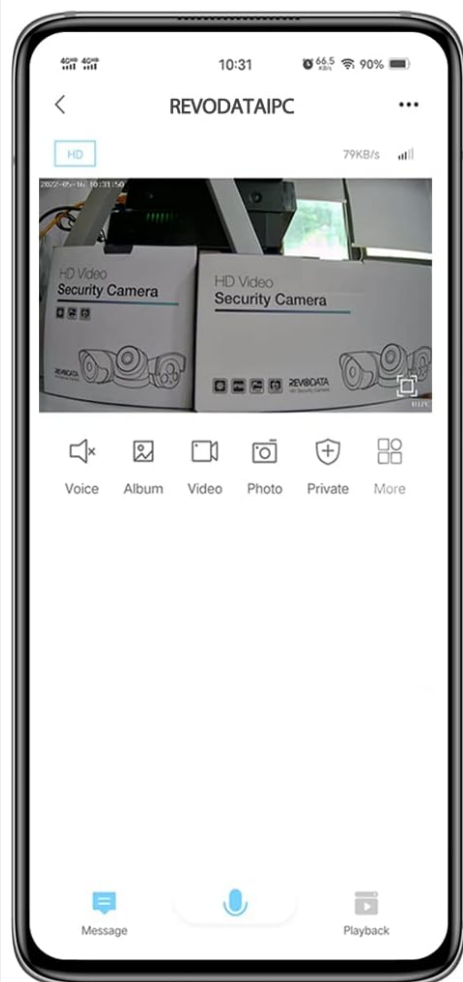


Figure 4: Illustrates the POE cable connection for power and data.

Linklemo APP View



VMS View

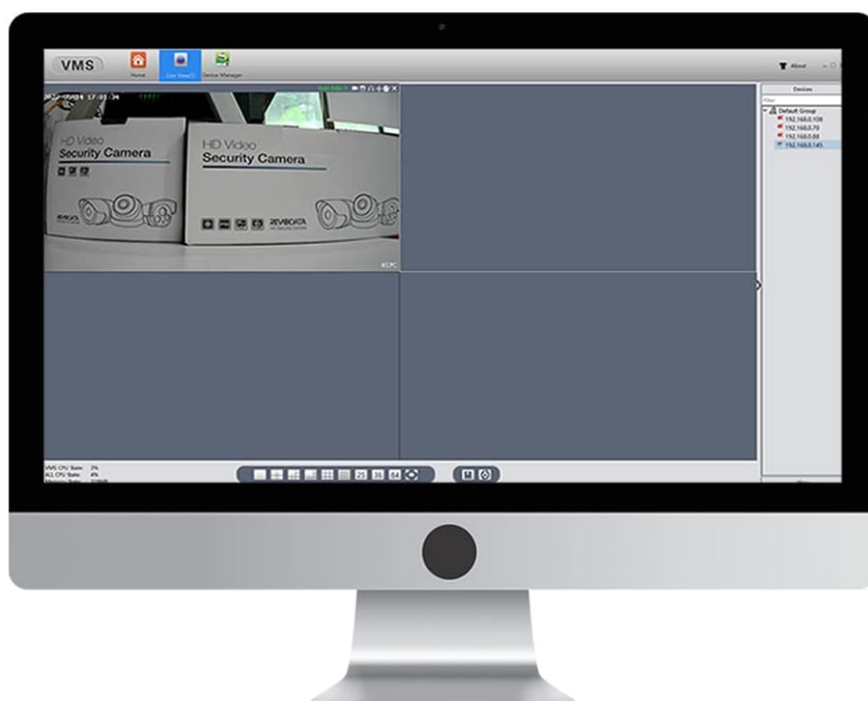


Figure 5: Connection diagram showing the camera, Ethernet cable, and NVR.

3.3 Software Setup (Linklemo App / VMS)

To view and manage your camera, download the "Linklemo" app for mobile devices or use the VMS software for Windows computers.

1. For Mobile Devices:

- Download the "Linklemo" app from the App Store (iOS) or Google Play Store (Android).
- Register an account and log in.
- Follow the in-app instructions to add your camera using its unique ID or QR code.

2. For Windows Computers:

- Install the VMS software (available from the manufacturer's website or included CD, if any).
- Launch the VMS software and follow the instructions to discover and add your camera to the system.

Note: This device does not support Cloud Storage. Do not purchase Cloud Storage from the "Linklemo" app.

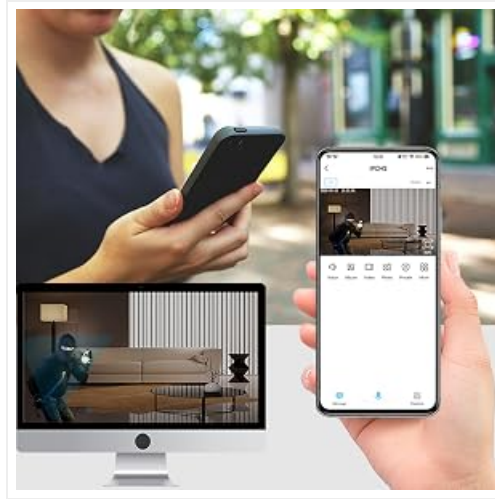


Figure 6: Remote viewing interfaces for Linklemo mobile app and VMS desktop software.

4. OPERATION

4.1 Live View and Remote Access

Once the camera is connected and configured, you can access the live video feed from anywhere using the Linklemo app or VMS software.

- Open the Linklemo app or VMS software.
- Select your camera from the device list to view the live feed.
- Utilize the on-screen controls for digital zoom, snapshot, and video recording.

POE Support



Built-in POE module, support 48V 802.3af POE function (Power Over Ethernet).

H.265/H.264 dual encoding. Motion detection only records when motion is detected, which is easier to save storage space.

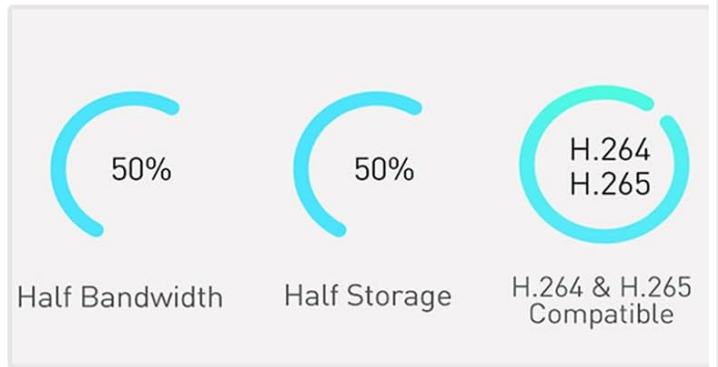


Figure 7: Remote viewing of the camera feed on mobile and desktop devices.

4.2 Motion Detection and Alerts

The camera features motion detection to alert you to activity in its field of view.

1. Access the camera settings in the Linklemo app or VMS software.
2. Navigate to the "Motion Detection" or "Alarm" settings.
3. Enable motion detection and configure sensitivity levels.
4. Set up notification preferences to receive alerts on your mobile device.



Figure 8: Motion detection in action, showing a human detected and a mobile alert.

4.3 Audio Recording

The built-in microphone allows for one-way audio recording, providing additional context to your video surveillance.

- Audio recording is typically enabled by default.
- Review recorded footage to access the audio.
- Ensure local regulations regarding audio recording are followed.

5MP HD resolution to see more details

5MP



1080P



Figure 9: Illustrates the camera's one-way audio capability, capturing sound from the monitored area.

5. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your camera.

- **Cleaning:** Gently wipe the camera lens and body with a soft, dry cloth. Avoid using harsh chemicals or abrasive materials.
- **Firmware Updates:** Periodically check the manufacturer's website or the Linklemo app for available firmware updates to improve performance and security.
- **Cable Inspection:** Ensure all cables (Ethernet, power) are securely connected and free from damage.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
No video feed	- No power to camera - Network connection issue - Incorrect camera configuration	- Check POE switch/NVR or 12V power adapter. - Verify Ethernet cable connection and network status. - Ensure camera is added correctly in Linklemo app/VMS.
Poor image quality	- Dirty lens - Insufficient lighting - Network bandwidth issues	- Clean the camera lens. - Ensure adequate lighting in the monitored area. - Check network speed and reduce video quality settings if necessary.
Motion detection not working	- Motion detection disabled - Incorrect sensitivity settings - Network connectivity issues preventing alerts	- Enable motion detection in camera settings. - Adjust sensitivity levels. - Verify network connection and app notification settings.
Cannot rotate image 90°	Camera firmware limitation	The camera's internal web interface does not support 90° image rotation. If vertical orientation is required, this functionality may need to be handled by your NVR software.

7. SPECIFICATIONS

Feature	Detail
Model Name	I706-P-A-HS-S
Effective Still Resolution	5 MP
Video Capture Resolution	5MP
Frame Rate	25fps
Connectivity Technology	Ethernet (POE)
Power Source	Corded Electric (48V POE or 12V 2A DC)
Indoor/Outdoor Usage	Indoor
Special Feature	HD Resolution, Built-in Microphone, Motion Detection
Video Encoding	H.265/H.264
Compatible Devices	Android, iOS, Windows
Mount Type	Ceiling Mount
Enclosure Material	Metal

Feature	Detail
Item Dimensions	2.08 x 1.77 x 1.57 inches

5MP POE IP Camera



POE



H.265/H.264



5MP



Audio



75° FOV



P2P



Motion Detection



3.6mm Lens

Figure 10: Physical dimensions of the REVODATA I706-P-A-HS-S camera.



Figure 11: Visual comparison of 5MP HD resolution versus 1080P resolution.

8. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation provided with your purchase or visit the official REVODATA website. Keep your purchase receipt for warranty claims.

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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