

[Manuals.plus](#) /

› [REVODATA](#) /

› REVODATA HD 5MP Mini POE IP Camera User Manual

REVODATA I704-P-HS

REVODATA HD 5MP Mini POE IP Camera User Manual

Model: I704-P-HS

1. PRODUCT OVERVIEW

The REVODATA HD 5MP Mini POE IP Camera is a versatile security solution designed for both indoor and outdoor environments. It delivers high-definition video, robust night vision capabilities, and flexible power options, making it suitable for various surveillance needs. Its compact and durable design ensures reliable performance in diverse conditions.



Image: Front view of the REVODATA HD 5MP Mini POE IP Camera, showcasing its compact black metal housing and the lens surrounded by IR LEDs.

2. KEY FEATURES

- **5MP (2880x1616P) HD Resolution:** Provides clear and detailed images with a 1/3 inch CMOS sensor at 25 frames per second.
- **POE and DC Power Support:** Built-in 48V 802.3af PoE for simplified wiring, or auxiliary 12V 2A DC power.
- **IP65 Waterproof and Durable Design:** Suitable for various weather conditions, featuring a rugged metal housing.
- **Infrared Night Vision:** Equipped with 18 IR LEDs, offering a 75° viewing angle and up to 10 meters (33 feet) of clear infrared night vision.
- **H.265/H.264 Dual Encoding:** Efficient video compression to save bandwidth and storage space.
- **Motion Detection:** Records only when motion is detected, optimizing storage.
- **Remote Access:** View and playback surveillance images remotely via the 'Linklemo' mobile app (iOS, Android) and VMS software for Windows.

3. PACKAGE CONTENTS

Verify that all items are present in the package before proceeding with installation.

- REVODATA HD 5MP Mini POE IP Camera (I704-P-HS)
- User Manual
- Mounting Brackets (adjustable)
- Screws Set for installation
- PoE LAN Port Cable (Data + Power)
- Extra Power Port (DC 5.5 X 2.1mm)



Image: Diagram showing the camera with its dimensions (8cm length, 6.5cm width, 6.7cm height), adjustable mounting brackets, screw hole, PoE 48V version cable with PoE LAN port and extra power port, and included accessories: User Manual, Package Box, and Screws Set.

4. INSTALLATION

4.1 Mounting the Camera

The camera can be wall-mounted or ceiling-mounted. Choose a location that provides the desired viewing angle and is within reach of your network cable.

1. Identify a suitable mounting surface.
2. Use the included screws to securely attach the mounting bracket to the surface.
3. Attach the camera to the mounting bracket and adjust its angle for optimal coverage.



Image: Examples of the camera installed on a ceiling and on a wall, demonstrating flexible mounting options.

4.2 Power and Network Connection

The camera supports both Power over Ethernet (PoE) and a standard 12V DC power supply.

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



Image: Diagram illustrating the camera connected via an Ethernet cable to a network video recorder (NVR), highlighting the simplicity of PoE connection for both data and power.

5. INITIAL SETUP & CONFIGURATION

5.1 Network Configuration

The camera is typically configured for DHCP by default. If you require a static IP address or are connecting to an NVR, you may need to adjust network settings.

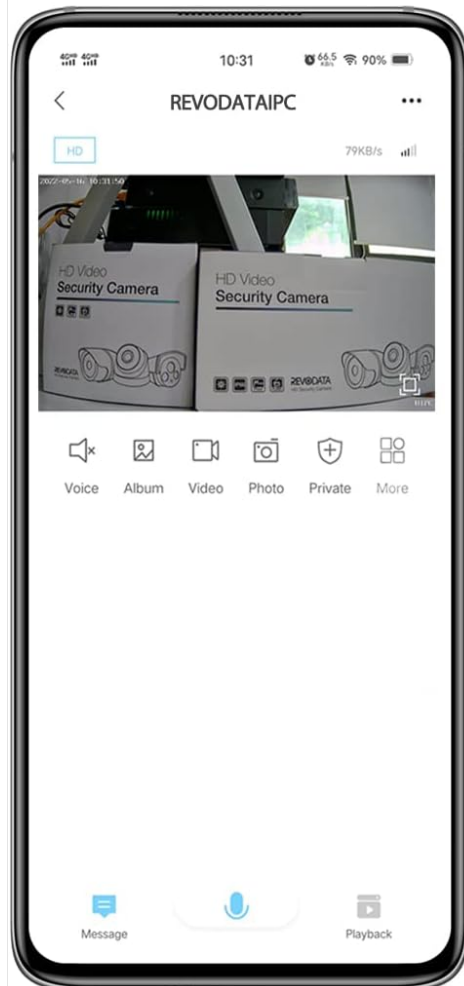
- **Default IP:** Some units may have a default static IP like 192.168.1.21. If connecting to a router, it will likely obtain an IP via DHCP.
- **Accessing Web Interface:** Once connected to your network, use a network scanning tool (e.g., IPC Batch Tool, if available from manufacturer's support) to find the camera's IP address. Access the camera's web interface by entering its IP address into a web browser.
- **Default Credentials:** The default login is often **admin** / **123456**. It is highly recommended to change these immediately for security.
- **ONVIF Support:** The camera supports ONVIF, allowing integration with compatible NVRs (e.g., Synology Surveillance Station, Dahua, Hikvision). Ensure ONVIF mode is enabled in the camera's settings.

5.2 Software Installation

To view and manage your camera, use the recommended applications:

- **Mobile App:** Download and install the 'Linklemo' app from your device's app store (iOS, Android).
- **PC Software:** For Windows computers, use the VMS software. (Note: Not compatible with MAC OS or Linux).

Linklemo APP View



VMS View

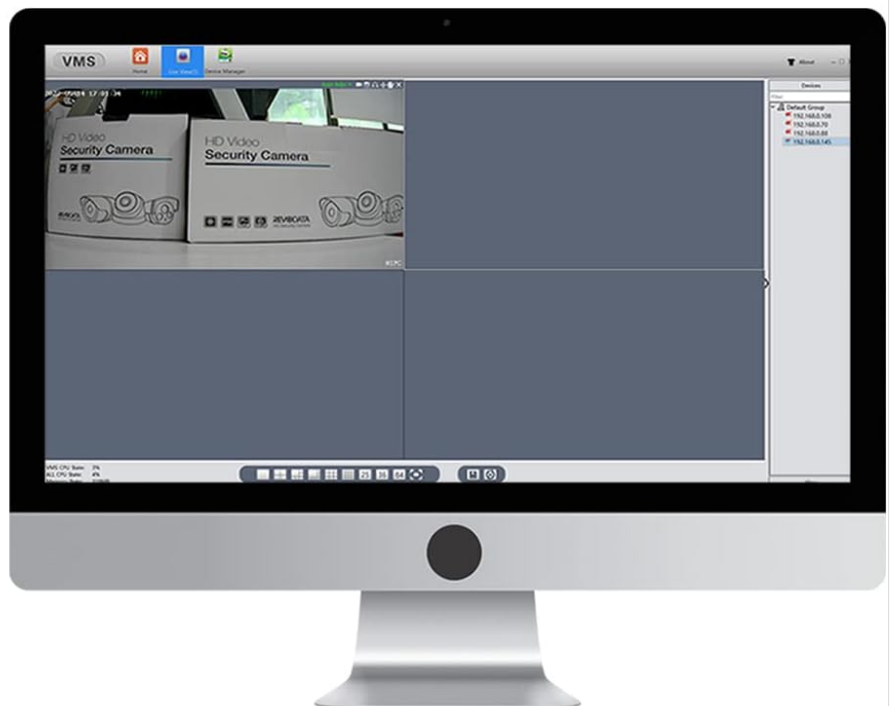


Image: Screenshots showing the 'Linklemo' mobile application interface on a smartphone and the VMS software interface on a desktop monitor, demonstrating remote viewing capabilities.

6. OPERATING THE CAMERA

6.1 Remote Viewing

Once the camera is connected to your network and configured, you can access live feeds and recordings remotely.

- Open the 'Linklemo' app on your mobile device or the VMS software on your Windows PC.
- Follow the in-app instructions to add your camera using its ID or by scanning a QR code (if available).
- You can now view live video, access recorded footage, and adjust settings from anywhere with an internet connection.

6.2 Night Vision

The camera automatically switches to infrared night vision in low-light conditions.

- The built-in light sensor detects ambient light levels.
- When light drops below a certain threshold, the camera's IR LEDs activate, and the image switches from color to black and white for enhanced visibility in the dark.

IR Night Vision

The camera is designed with a camera infrared LED with a sensor, and when the ambient light drops below a certain point in the dark, the device inside the camera changes from color to black and white and turns on the LED.



Image: Diagram explaining IR Night Vision. The camera is designed with an infrared LED and sensor; when ambient light drops, the device switches to black and white and activates the LED for clear night viewing.

DAY



NIGHT



Image: A split image showing the same indoor scene during the day (color) and at night (black and white with IR illumination), demonstrating the camera's automatic day/night switching capability.

6.3 Motion Detection

Configure motion detection settings to receive alerts and save storage space.

- Access motion detection settings through the 'Linklemo' app or VMS software.

- Define detection zones and sensitivity levels.
- When motion is detected, the camera can trigger recording and send an alarm message to your phone.



POE 48V Version

Package Including:



User Manual



Package Box



Screws Set

Image: Illustration of the motion detection alarm feature, showing a human figure detected by the camera and a smartphone displaying a 'Device message: REVODATAIPC Human body detected' notification.

6.4 Video Compression (H.265/H.264)

The camera supports advanced video compression standards.

- **H.265:** Offers higher compression efficiency than H.264, requiring approximately half the bandwidth and storage space for the same image quality.
- This feature helps in reducing network load and extending recording duration on storage devices.

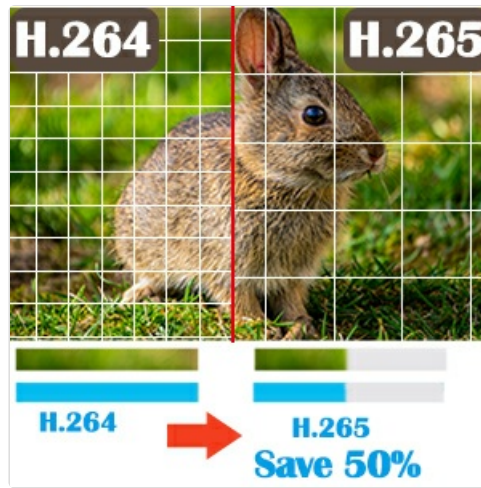


Image: A visual comparison demonstrating the efficiency of H.265 compression over H.264, indicating a 50% saving in storage space for the same video quality.

7. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your camera.

- **Cleaning:** Periodically clean the camera lens and housing with a soft, damp cloth. Avoid abrasive cleaners that could scratch the lens.
- **Cable Inspection:** Check all cable connections (Ethernet, power) for wear, damage, or loose connections, especially for outdoor installations.
- **Firmware Updates:** Check the manufacturer's website or app for any available firmware updates to ensure your camera has the latest features and security patches.
- **Environmental Protection:** While IP65 waterproof, ensure the camera is not submerged in water. For extreme weather, consider additional protective measures if necessary.

5MP HD resolution to see more details

5MP



1080P



Image: The camera shown with water droplets, illustrating its IP65 waterproof rating and ability to withstand temperatures from -25°C to 60°C, suitable for various weather conditions.

8. TROUBLESHOOTING

If you encounter issues with your camera, refer to the following common problems and solutions:

- **Camera Not Powering On:**

- Ensure the PoE switch/NVR is providing power, or the 12V DC adapter is correctly connected and functional.
- Check the Ethernet cable for damage or loose connections.

- **No Video Feed / Camera Offline:**

- Verify network connectivity. Ensure the camera is receiving an IP address (check your router's DHCP client list).
- If using a static IP, ensure it's within your network's range and not conflicting with other devices.
- Confirm the camera's ONVIF settings are enabled if connecting to an NVR.

- Restart the camera by disconnecting and reconnecting power.

• **App/Software Connection Issues:**

- Ensure your mobile device or PC is connected to the internet.
- Verify the camera's network connection is stable.
- Check if the 'Linklemo' app or VMS software is updated to the latest version.
- Confirm correct camera ID/credentials are entered in the app/software.

• **Poor Image Quality / Night Vision Issues:**

- Clean the camera lens to remove dirt or smudges.
- Ensure there are no obstructions blocking the camera's view or the IR LEDs.
- Check for strong light sources directly facing the camera at night, which can interfere with IR performance.

• **Camera Stopped Working After Outdoor Exposure:**

- While IP65 rated, extreme conditions or improper installation can lead to water ingress. Inspect for signs of water damage.
- Ensure all seals and screws are tight.

9. TECHNICAL SPECIFICATIONS

Feature	Specification
Model Name	I704-P-HS
Video Capture Resolution	5 MP (2880x1616P)
Lens	3.6mm
Night Vision	18 IR LEDs, 10M (33ft) range
Indoor/Outdoor Usage	Outdoor, Indoor
International Protection Rating	IP65 Waterproof
Power Source	Corded Electric (PoE 48V 802.3af or 12V 2A DC)
Connectivity Protocol	Ethernet
Compatible Devices	H.265/H.264 NVRs, Windows VMS, iOS/Android (Linklemo app)
Controller Type	Android, iOS, Windows
Mounting Type	Wall Mount
Frame Rate	25fps
Operating Temperature	-25°C to 60°C
Material	Metal

Feature	Specification
Product Dimensions (L x W x H)	3.15 x 2.56 x 2.64 inches (8 x 6.5 x 6.7 cm)
Item Weight	10.6 ounces (0.3 Kilograms)

10. SUPPORT & WARRANTY

For technical support, please refer to the contact information provided with your product packaging or visit the official REVODATA website. Information regarding product warranty, including duration and terms, is typically provided at the time of purchase or within the product documentation. Please retain your proof of purchase for warranty claims.

© 2024 REVODATA. All rights reserved.

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

Open the live page

<https://manuals.plus/asin/B0B1LQ5THS>

More documents and user manuals: <https://manuals.plus/>