

REVODATA I712-2-P-HS

REVODATA HD 5MP POE Mini IP Camera User Manual

Model: I712-2-P-HS

1. INTRODUCTION

This user manual provides detailed instructions for the installation, operation, and maintenance of your REVODATA HD 5MP POE Mini IP Camera. This camera is designed for indoor surveillance, offering high-resolution video, flexible zoom capabilities, and remote viewing options. Please read this manual thoroughly before using the product to ensure proper setup and functionality.

2. SAFETY INFORMATION

- This product utilizes Power over Ethernet (POE) and requires an external 802.3AF standard 48V POE switch for power supply. An auxiliary power interface is also available for non-POE 12V 2A power supply.
- The camera's casing is compact, and it is normal for the device to generate heat during operation. This is a standard characteristic of IP cameras and does not indicate a malfunction.
- Ensure the camera is installed in a stable location to prevent accidental falls.
- Avoid exposing the camera to extreme temperatures, humidity, or direct water contact.
- Do not attempt to disassemble or modify the camera, as this will void the warranty and may cause damage.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- 1 x REVODATA HD 5MP POE Mini IP Camera
- 1 x User Manual
- 1 x Screw Set for mounting



Image showing the camera, user manual, package box, and screw set included in the product package.

4. PRODUCT OVERVIEW

The REVODATA HD 5MP POE Mini IP Camera features a compact metal shell design with a manual zoom lens. Key components include:

- **6-22mm Zoom Lens:** Allows for manual adjustment of focal length to achieve desired viewing distance and angle.
- **Mounting Brackets:** Adjustable brackets for flexible installation.
- **Screw Hole:** For secure mounting.
- **RJ45 Port:** Supports POE (Power over Ethernet) for network and power connection.
- **DC Power Port:** Supports 12V 2A power supply for non-POE setups.



A detailed view of the REVODATA HD 5MP POE Mini IP Camera, highlighting its compact design and manual zoom lens.



Diagram illustrating the dimensions and various labeled parts of the camera, including the zoom lens, mounting brackets, and power/network ports.

5. SETUP

Follow these steps for initial setup of your camera:

1. **Power Supply:** This camera supports POE (Power over Ethernet). Connect the camera to an 802.3AF standard 48V POE switch using an Ethernet cable. Alternatively, if not using POE, connect a 12V 2A power adapter (not included) to the auxiliary DC power interface.
2. **Network Connection:** Connect the camera to your network via the RJ45 Ethernet port. Ensure your network is configured to provide an IP address to the camera (DHCP is typically enabled by default).
3. **NVR Compatibility:** The camera defaults to 5MP resolution and H.265 encoding. If your Network Video Recorder (NVR) does not support 5MP or H.265, you may need to adjust the camera's settings to 1080P (2MP) and H.264 encoding for compatibility. Refer to the 'Operating Instructions' section for details on changing these settings via the web interface.
4. **Mounting:** Secure the camera using the provided screw set and adjustable mounting brackets. Choose a location that provides the desired field of view for surveillance.

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.

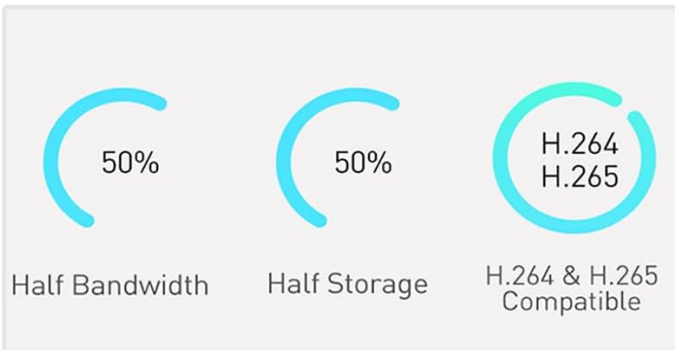


Illustration of the POE cable connection, demonstrating how Power over Ethernet simplifies wiring.

6. OPERATING INSTRUCTIONS

Your REVODATA IP Camera offers various functionalities for effective surveillance:

6.1. Manual Zoom Lens Function

The camera features a 6-22mm manual zoom lens. To adjust the focus and zoom, rotate the lens rings until the desired clarity and field of view are achieved. A larger lens setting (e.g., 22mm) provides a further viewing distance, while a smaller setting (e.g., 6mm) offers a wider viewing angle for closer subjects.

Manual Zoom lens Function

This camera have zoom function, lens range from 6mm to 22mm. The lens is bigger, the distance is further. You can adjust the lens to get the best vision that you want.



Visual representation of the manual zoom lens function, showing how different focal lengths affect the camera's field of view.

6.2. P2P Remote Viewing

The camera supports P2P (Peer-to-Peer) cloud functionality, enabling remote viewing from your mobile phone or computer anytime, anywhere. This feature ensures you can monitor your premises even when away.



An image illustrating the P2P remote viewing capability, showing the camera feed accessible on both mobile phones and computers.

6.3. Motion Detection Alarm

The camera is equipped with motion detection capabilities. When human movement is detected, the camera can trigger an alarm message to be sent to your smartphone, providing real-time alerts for enhanced security.

P2P Remote View

Support P2P cloud function, you only need a mobile phone or computer, you can view videos anytime, anywhere. Make sure everything is under your control.



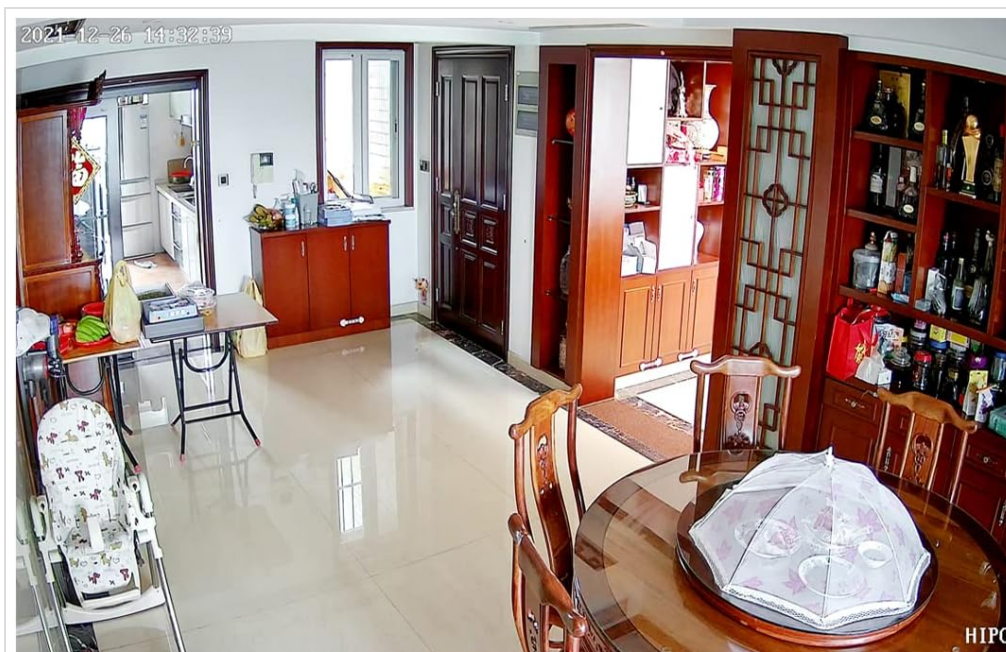
A visual example of a motion detection alarm notification appearing on a smartphone, indicating detected human body movement.

6.4. H.265/H.264 Dual Encoding

The camera supports both H.265 and H.264 encoding formats. H.265 offers more efficient video compression, requiring approximately half the bandwidth and storage space compared to H.264 for the same video quality. This allows for longer recording times and reduced network load. Motion detection recording further optimizes storage by only capturing footage when activity is detected.

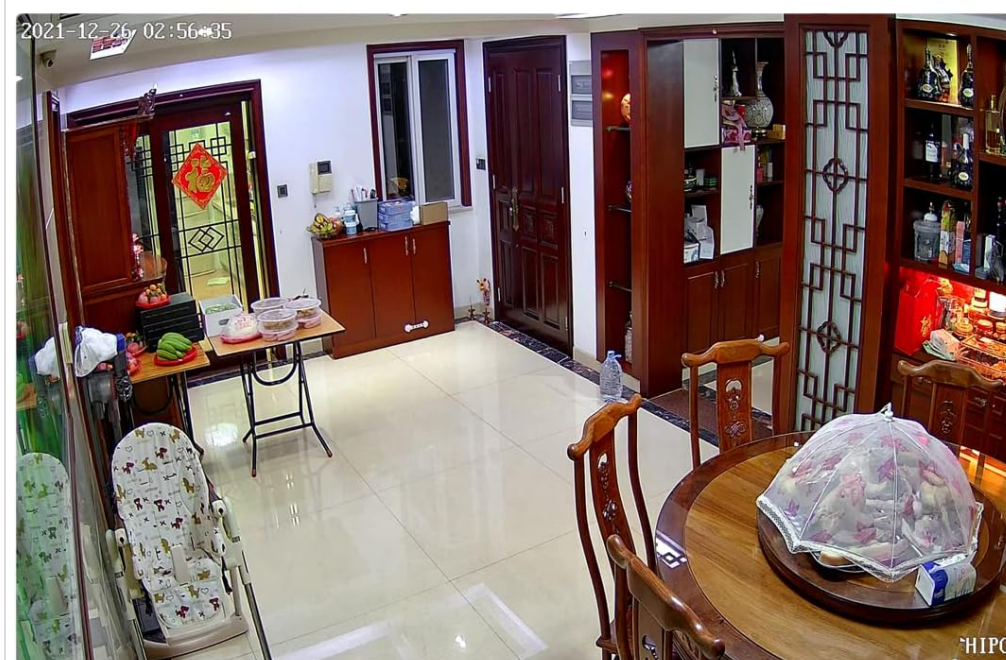
6.5. Day and Night Vision

The camera provides clear video footage in both daytime and nighttime conditions, ensuring continuous surveillance capability.



Real Picture

DAY



Real Picture

NIGHT



Side-by-side comparison of real-time camera footage during the day and night, demonstrating clear visibility in both lighting conditions.

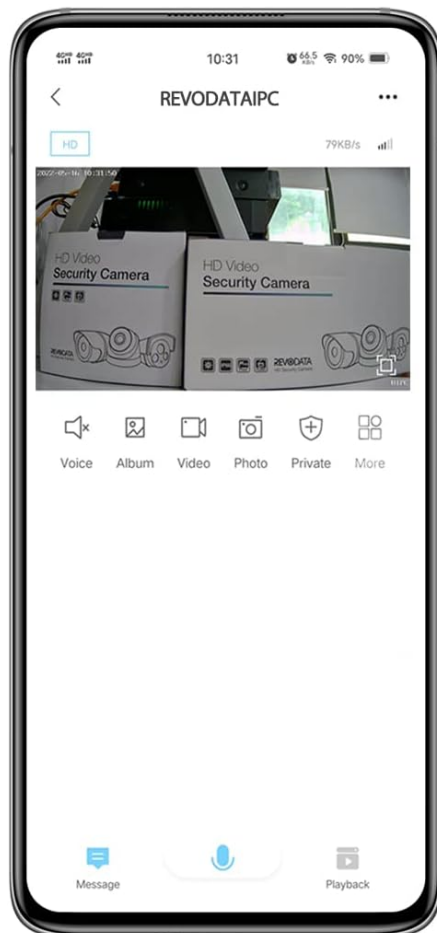
6.6. Connecting to Software, Browser, and Smartphone APP

The camera can be accessed and managed through various platforms:

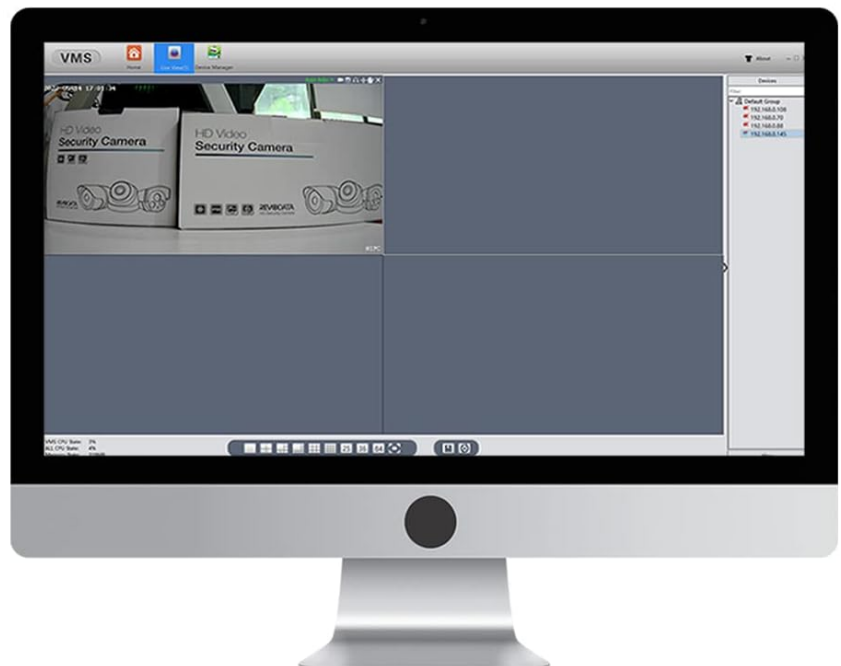
- **VMS Software:** Use the VMS software (available for Windows computers, not MAC OS or Linux) for comprehensive management and viewing.
- **Web Interface:** Access the camera's settings and live view through a web browser (IE6.0 and above recommended) by entering the camera's IP address.
- **Linklemo APP:** Download the "Linklemo" mobile application (for iOS and Android) for convenient remote viewing and control on your smartphone.

Video demonstrating the process of connecting the camera to VMS software, accessing it via a web browser, and setting up the smartphone application for remote viewing.

Linklemo APP View



VMS View



Screenshots displaying the user interfaces for the Linklemo mobile application and the VMS desktop software, showing how to view the camera feed.

7. MAINTENANCE

To ensure optimal performance and longevity of your camera:

- Regularly clean the lens with a soft, dry cloth to prevent dust and smudges from affecting image quality.
- Keep the camera in a well-ventilated area to dissipate heat, especially during continuous operation.
- Periodically check cable connections to ensure they are secure.
- Update firmware when available to benefit from new features and security enhancements.

8. TROUBLESHOOTING

- **Camera feels hot:** It is normal for the IP camera to generate heat, especially given its small casing. This is a standard operating characteristic and does not indicate a defect.
- **No image or poor image quality:**
 - Check power supply: Ensure the camera is receiving adequate power from a compatible POE switch or

12V 2A adapter.

- Network connection: Verify the Ethernet cable is securely connected and the network is functioning correctly.
- Resolution/Encoding: If your NVR does not support 5MP or H.265, change the camera's resolution to 1080P (2MP) and encoding to H.264 via the web interface or VMS software.
- Lens adjustment: Manually adjust the zoom and focus rings on the lens for a clear image.

- **Cannot connect to APP/Software:**

- Ensure the camera is connected to the same network as your viewing device (phone/computer).
- Verify the camera's IP address is correct and accessible.
- Check default login credentials (admin/admin for VMS, admin/123456 for web interface).
- Ensure the correct application ("Linklemo" for mobile, VMS for Windows) is being used.

- **No Cloud Storage:** This device does not support Cloud Storage. Do not purchase Cloud Storage from the "Linklemo" app.

9. SPECIFICATIONS

Feature	Detail
Model	I712-2-P-HS
Resolution	5.0 Megapixel (2880 x 1616P)
Sensor	1/3" CMOS (FH8852V200+GC5053)
Minimum Illumination	0.01Lux @(F1.2, AGC ON)
Compression Format	H.264 / H.265
Frame Rate	25fps
Lens	6-22mm Manual Zoom Lens
Lens Mount Type	M12
Power Supply	POE (802.3af standard 48V) or 12V 2A DC
Operating Temperature	-250C ~ 600C (-130F ~ 1400F)
Working Humidity	10% ~ 90%
Dimensions (L x W x H)	5.6 x 4.6 x 6.3 cm (2.2 x 1.81 x 2.48 inches)
Weight	0.25 kg (7 ounces)
Supported Protocols	HTTP, TCP/IP, RTSP, RTP, UPNP, SMTP, DHCP, DDNS, DNS, FTP, NTP
Ethernet	10M/100M mbps (RJ-45)
Intelligent Alarm	Motion Detection, Email Alarm
Supported Mobile OS	iPhone, Android

Feature	Detail
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10. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation provided with your purchase or contact REVODATA customer service directly. Keep your purchase receipt as proof of purchase for warranty claims.