

[Manuals.plus](#) /

› [REVODATA](#) /

› REVODATA 5MP POE IP Mini Camera User Manual

REVODATA I712-2-P

REVODATA 5MP POE IP Mini Camera User Manual

Model: I712-2-P

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your REVODATA 5MP POE IP Mini Camera (Model I712-2-P). Please read this manual thoroughly before using the product to ensure proper functionality and safety.

This camera features a 5.0 Megapixel 1/3" CMOS Sensor, delivering Ultra HD 2880x1620P resolution at 20 frames per second. It supports Power over Ethernet (POE) for simplified installation and includes a 6-22mm manual zoom lens for flexible viewing angles. The camera supports both H.265 and H.264 encoding for broad compatibility and offers motion detection with email alarm functions.

PACKAGE CONTENTS

Verify that all items are present in the package:

- 1 x REVODATA 5MP POE IP Mini Camera (I712-2-P)
- 1 x User Manual
- 1 x Screws Set

Package Including:



Camera



Box



Screws Set



User Manual

Note: This product do not including the power unit.

Figure 1: Contents included in the product package.

SETUP

1. Physical Installation

The camera is designed for indoor use and can be ceiling mounted. Ensure the mounting surface is stable and can support the camera's weight. Use the provided screws for secure installation.



Figure 2: Front view of the REVODATA 5MP POE IP Mini Camera, showing its compact design and mounting bracket.



Figure 3: Detailed diagram illustrating the camera's dimensions, adjustable lens focus, screw hole, and the RJ45 (POE) and auxiliary power supply ports.

2. Power and Network Connection

This camera primarily powers via Power over Ethernet (POE). Connect the camera to an 802.3AF Standard 48V POE Switch using a Cat5/6 Ethernet cable. This single cable provides both power and network connectivity.

Alternatively, the camera has an auxiliary power connector and can be powered by a 12V/2A power adapter (not included) if a POE switch is not available.

3. Initial Configuration via Web Browser

To access the camera's web interface for configuration, ensure your computer is on the same network as the camera. The camera's default IP address is **192.168.1.108**. Open a web browser (Edge, Chrome, Firefox, Safari) and enter this IP address into the URL bar.

The default username is **admin** and the default password is **admin123**. It is highly recommended to change the default password immediately after the first login for security purposes.

Video 1: This video demonstrates how to connect and configure the camera via a web browser, including logging in with default credentials and navigating the interface.

4. Connecting to Smartphone App (TSEYE)

For remote viewing and control, download the "TSEYE" app from your smartphone's app store (available for iPhone and Android). Follow the in-app instructions to add your camera using its serial number or by searching for local devices.



Figure 4: Screenshots showing the TSEYE app download page and the live view interface on a smartphone.

5. Connecting to NVR (Network Video Recorder)

The camera is ONVIF compliant (Port: 8088) and can be integrated with compatible Network Video Recorders (NVRs). Ensure your NVR supports 5MP resolution for optimal performance. If your NVR does not support 5MP, you may need to

lower the camera's resolution to 1080P (2MP) via the web interface to ensure compatibility.



Video 2: This video demonstrates how to connect the camera to an NVR system, highlighting the need for 5MP support or resolution adjustment.

OPERATING THE CAMERA

1. Live View and Playback

Access live video streams and recorded footage through the web interface or the TSEYE smartphone app. The web interface provides options for real-time preview and playback of recorded files.



Figure 5: Illustrates the camera's performance in both daytime and nighttime conditions, showcasing clear image quality.

2. Resolution and Encoding Settings

The camera supports H.265 and H.264 compression formats. H.265 offers more efficient storage and bandwidth usage.

You can adjust the resolution (up to 2880x1620P for 5MP) and frame rate (up to 20fps) via the configuration settings in the web interface to suit your network and storage requirements.

5MP Zoom POE IP Camera

- *5MP 2880 x 1620*
- *Standard 48V PoE*
- *6mm-22mm Zoom Lens*
- *Manual Focus Lens*
- *Metal Case*
- *Mini Type*
- *Phone / PC*
- *TSEYE App*



Figure 6: Key features of the camera, including 5MP resolution, Standard 48V PoE, 6-22mm Zoom Lens, Manual Focus, Metal Case, Mini Type, and Phone/PC compatibility with TSEYE App.

3. Motion Detection and Alarms

Configure motion detection settings through the web interface. When motion is detected, the camera can trigger an email alarm notification to your configured email address.

Motion Detection

Smart Motion Detection. Once detected, alarm notification will send to your phone.

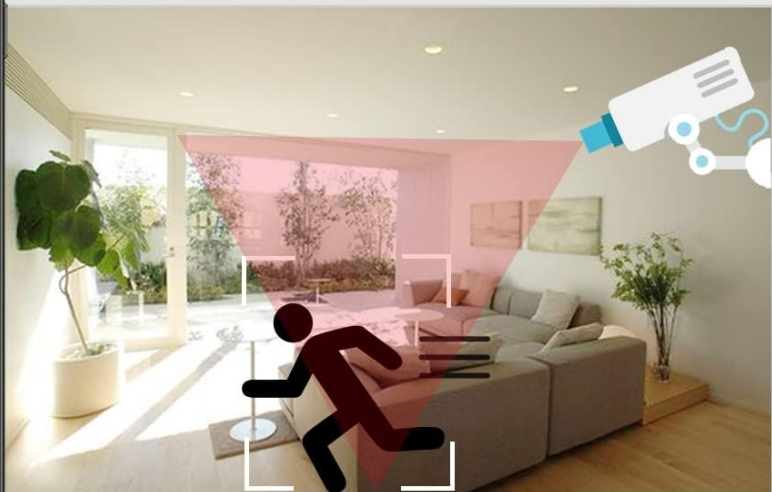
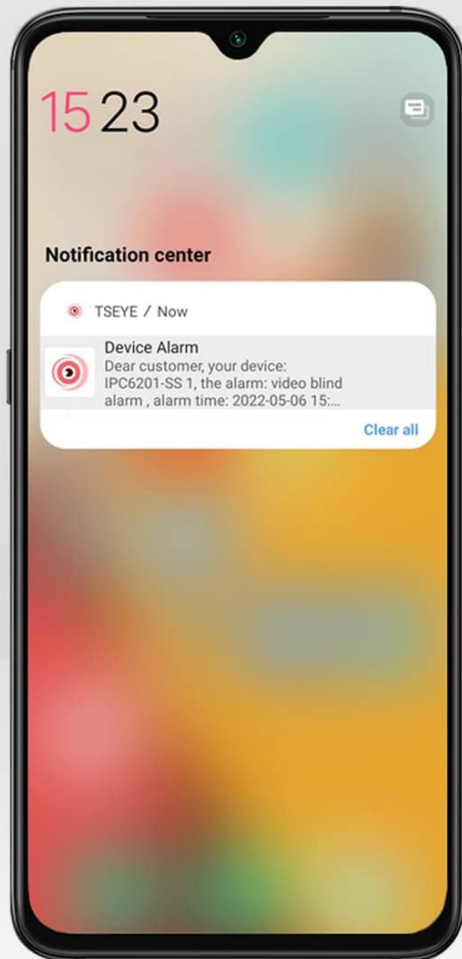


Figure 7: An example of a motion detection notification received on a smartphone, indicating an alert from the camera.

4. Manual Zoom Lens Adjustment

The 6-22mm manual zoom lens allows you to adjust the field of view. A larger lens setting (e.g., 22mm) provides a narrower field of view but allows you to see further, while a smaller setting (e.g., 6mm) provides a wider field of view but for closer distances. Adjust the lens by rotating the focus and definition rings on the camera body until the desired clarity and zoom level are achieved.

Zoom 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.



Figure 8: Visual representation of the camera's zoom function, showing how the lens adjustment impacts the field of view from wide to narrow.

MAINTENANCE

To ensure the longevity and optimal performance of your camera, regular maintenance is recommended.

- **Cleaning:** Gently wipe the camera lens and body with a soft, dry cloth. Avoid using harsh chemicals or abrasive materials that could damage the lens or finish.
- **Firmware Updates:** Periodically check the manufacturer's website for available firmware updates. Updates can improve performance, add new features, or address security vulnerabilities. Follow the provided instructions carefully when performing firmware updates.

TROUBLESHOOTING

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

Problem	Possible Cause / Solution
Camera not powering on.	◦ Ensure the POE switch is powered and functioning correctly. ◦ Verify the Ethernet cable is securely connected to both the camera and the POE switch. ◦ If using auxiliary power, ensure the 12V/2A power adapter is connected and working.
Cannot access camera via web browser.	◦ Confirm your computer is on the same network subnet as the camera. The default IP is 192.168.1.108. ◦ Check network cable connections. ◦ Temporarily disable firewall or antivirus software on your computer. ◦ Ensure you are using the correct default username (admin) and password (admin123).
Image is blurry or out of focus.	◦ Adjust the manual zoom and focus rings on the camera lens until the image is clear. ◦ Clean the camera lens if there is any dust or smudges.
Camera feels hot during operation.	The camera's small case and POE power can generate heat. This is normal and safe for the device. No action is typically required unless performance is affected.
NVR cannot detect the camera or shows no image.	◦ Ensure your NVR supports 5MP resolution. If not, lower the camera's resolution to 1080P (2MP) via its web interface. ◦ Verify the camera's ONVIF port (8088) is correctly configured in the NVR. ◦ Check network connectivity between the camera and NVR.

SPECIFICATIONS

Feature	Detail
Model	I712-2-POE-TS
Resolution	5.0 Megapixel (2880 x 1620P)
Sensor	FH8852V200+SC401AI
Min Illumination	0.1Lux @(F1.2,AGC ON)
Frame Rate	20fps
Lens	6-22mm Zoom Lens
Lens Interface Type	M12
Compression Format	H.265/H.264
Storage	NVR or Computer

Feature	Detail
Default IP Address	192.168.1.108 (Static) / Dynamic
Smart Alarm	Motion detection, Email alarm
Supported Protocols	HTTP, TCP/IP, RTSP, RTP, UPNP, SMTP, DHCP, DDNS, DNS, FTP, NTP
Ethernet	10M/100M mbps Ethernet (RJ-45)
Operating Temperature	-25°C~60°C (-13°F~140°F)
Operating Humidity	10%~90%
Power Supply	POE (802.3af) or 12V DC
Dimensions (cm)	5.6 x 4.6 x 6.3 cm (2.2 x 1.81 x 2.48 inches)
Weight	0.25kg (7 ounces)
Material	Metal Material Shell
Indoor/Outdoor Usage	Indoor
Control Method	App, Web Interface

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official REVODATA website or contact their customer service. You can also visit the [REVODATA Store on Amazon](#) for additional resources and contact details.

