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› REVODATA I706-P-A-HS 5MP POE IP Camera User Manual

REVODATA I706-P-A-HS

REVODATA I706-P-A-HS 5MP POE IP Camera User Manual

Model: I706-P-A-HS

INTRODUCTION

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

Important Notes:

- This camera is POE powered and requires an external standard 48V 802.3af POE switch.
- The camera defaults to 5MP and H.265 encoding. If your NVR does not support 5MP or H.265, you can switch the camera to 1080P (2MP) and H.264.
- The camera also supports H.264 encoding for compatibility with H.264 and H.265 devices.
- An auxiliary power interface allows use as a non-POE network camera with a standard 12V 2A power supply (not included).

PACKAGE CONTENTS

Please check the package contents carefully. If any items are missing or damaged, contact your retailer.

- REVODATA I706-P-A-HS 5MP POE IP Camera (1 unit)
- Mounting Screws Set (1 set)
- User Manual (1 unit)



Real Picture
DAY



Real Picture
NIGHT



Image: Overview of the camera's components, dimensions, and included package items. Note: Power unit is not included.

KEY FEATURES

- **5MP HD Resolution:** Equipped with a 1/3-inch CMOS sensor, delivering clear 2880x1616P images/videos at up to 20 frames per second.
- **Built-in Microphone (One-way Audio):** Captures sound around the camera, providing additional security information.
- **48V POE Support:** Integrated POE module (802.3af standard) simplifies wiring. Also supports 12V 2A non-POE power via an auxiliary interface.
- **Compact Design:** Small size (5.3 x 4.5 x 4 cm) with a 3.6mm fixed lens, offering an 80° viewing angle, ideal for discreet placement.
- **H.265/H.264 Dual Encoding:** Compatible with both H.264 and H.265 devices, optimizing storage space.
- **P2P Remote Viewing:** Access live and recorded footage remotely via the "Linklemo" mobile app (iOS, Android) or VMS software for Windows.
- **Motion Detection:** Receive alarm messages on your phone upon detecting human movement.
- **Web Interface Support:** Compatible with IE6.0 and above browsers for configuration and viewing.
- **Durable Construction:** Features a metal shell for enhanced durability.



Image: Key features of the REVODATA 5MP POE IP Camera, including POE, H.265/H.264 compression, 5MP resolution, audio, 75° Field of View, P2P remote access, motion detection, and 3.6mm lens.



Image: The compact design of the camera, illustrating its small size for discreet installation.

SETUP AND INSTALLATION

1. Powering the Camera

The REVODATA I706-P-A-HS camera supports two power methods:

- Power over Ethernet (POE):** Connect the camera's RJ45 port to a standard 48V 802.3af POE switch or NVR using an Ethernet cable. This provides both power and data connectivity.
- Auxiliary DC Power:** If not using POE, connect a 12V 2A DC power adapter (not included) to the camera's DC power port. Then, connect the RJ45 port to your network router or NVR for data.

Support Audio record and P2P Remote View

This camera has built in microphone, it can record the sound when record the video, providing you with addition information to your security.

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.



Image: Illustration of POE support, showing how a POE cable provides both power and network connectivity to the camera.

2. Physical Installation

The camera comes with mounting brackets and screws for easy installation. Choose a suitable indoor location that provides the desired viewing angle (80° Field of View).

- Secure the mounting bracket to a wall or ceiling using the provided screws.
- Attach the camera to the bracket and adjust its angle for optimal coverage.

3. Initial Configuration

Upon first connection, the camera will obtain an IP address dynamically (DHCP). You can access the camera's web interface via a browser (IE6.0 or above) to configure settings.

- **NVR Compatibility:** If your NVR does not support 5MP or H.265, adjust the camera's resolution to 1080P (2MP) and encoding to H.264 via the web interface or VMS software for compatibility.
- **Software Installation:** For mobile viewing, download and install the "Linklemo" app (iOS/Android). For PC viewing and management, install the VMS software (Windows only).

1. Remote Viewing (P2P)

The camera supports P2P cloud functionality, allowing you to view live and recorded footage from anywhere using your smartphone or computer.

- Download and install the "Linklemo" app on your iOS or Android smartphone.
- Follow the in-app instructions to add your camera using its unique ID or QR code.
- For PC, use the provided VMS software (Windows) to connect and manage your camera.



Image: Mobile app and VMS software interfaces for remote viewing and management of the camera.

2. Audio Recording

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

- Ensure audio recording is enabled in the camera's settings via the web interface or VMS software.

- Audio will be recorded alongside video footage and can be accessed during playback.

5 MP POE IP Camera



POE



H.265/H.264



5 MP



Audio



75° FOV



P2P



Motion Detection



3.6mm Lens

Image: The camera's audio recording function and P2P remote viewing capability.

3. Motion Detection

Configure motion detection to receive alerts and record only when activity is detected, saving storage space.

- Access motion detection settings through the camera's web interface or VMS software.
- Define detection zones and sensitivity levels.
- Enable email alarms or push notifications to your mobile device upon detection.

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.



Half Bandwidth



Half Storage



H.264 & H.265 Compatible

Image: Motion detection alarm feature, showing a notification on a smartphone when movement is detected.

4. Day/Night Vision

The camera provides clear images in both day and low-light conditions. While it does not have built-in IR LEDs, its low-light performance is optimized for environments with minimal ambient light.



Motion Detection Alarm

Support motion detection and P2P cloud function, Once human movement is detected, you will receive an alarm message on your phone.

Image: Comparison of day and night image quality captured by the camera.

MAINTENANCE

- **Cleaning:** Gently wipe the camera lens and body with a soft, dry cloth. Avoid using harsh chemicals or abrasive cleaners.
- **Firmware Updates:** Periodically check the manufacturer's website for firmware updates to ensure optimal performance and security.
- **Environmental Conditions:** Ensure the camera is used within its specified operating temperature range (-25°C to 60°C) and in an indoor environment as recommended.

TROUBLESHOOTING

Problem	Possible Cause / Solution
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Problem	Possible Cause / Solution
No image or video feed.	<ul style="list-style-type: none"> • Ensure the camera is properly powered (48V POE or 12V 2A DC adapter). • Verify network cable connection to the router/NVR. • Check NVR compatibility: If your NVR does not support 5MP or H.265, adjust the camera's resolution to 1080P (2MP) and encoding to H.264 via the web interface or VMS software. • Confirm the camera has obtained an IP address and is accessible on the network.
Cannot connect to NVR.	<ul style="list-style-type: none"> • Check NVR compatibility with 5MP resolution and H.265 encoding. Downgrade camera settings if necessary. • Ensure the NVR and camera are on the same network segment. • Verify ONVIF compatibility (Port 80).
No audio recording.	<ul style="list-style-type: none"> • Ensure the audio function is enabled in the camera's settings. • Check microphone sensitivity settings.
Motion detection alerts not received.	<ul style="list-style-type: none"> • Verify motion detection is enabled and configured correctly in settings. • Check notification settings in the "Linklemo" app or VMS software. • Ensure stable internet connection for push notifications.

TECHNICAL SPECIFICATIONS

Model Name	I706-P-A-HS
Sensor	FH8852V200+GC5053 (1/3" CMOS)
Effective Resolution	5 Megapixels (2880*1616P)
Frame Rate	25fps (5MP)
Lens	3.6 mm fixed lens
Field of View (FOV)	80 Degrees
Compression Format	H.265/H.264
Audio	Built-in Microphone (One-way audio), Sensitivity: -36dB
POE Standard	802.3af (48V)
Auxiliary Power	12V 2A DC (adapter not included)
Connectivity	Wired Ethernet (RJ-45, 10M/100M mbps)
Protocols	HTTP, TCP/IP, RTSP, RTP, UPNP, SMTP, DHCP, DDNS, DNS, FTP, NTP
ONVIF Port	80
Smart Alarm	Motion Detection, Email Alarm

Storage	NVR or Computer
Operating Temperature	-25°C to 60°C (-13°F to 140°F)
Dimensions (L x W x H)	5.3 x 4.5 x 4 cm (2.09 x 1.77 x 1.57 inches)
Weight	0.2 kg (0.44 lbs)
IP Rating	IP65 (<i>Note: Product is recommended for indoor use</i>)

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation provided with your purchase or contact REVODATA customer service through their official website or your retailer.

Always ensure you are using the latest software and firmware for optimal performance and security.

