

REVODATA I6036-P-HS-S

REVODATA 5MP POE IP Security Camera I6036-P-HS-S Instruction Manual

Model: I6036-P-HS-S

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your REVODATA 5MP POE IP Security Camera, model I6036-P-HS-S. Please read this manual thoroughly before using the product to ensure proper setup and functionality. This camera is designed for both indoor and outdoor surveillance, offering high-resolution video and advanced features for reliable security monitoring.

2. PRODUCT FEATURES

- **High Definition 5MP Resolution:** Captures clear and detailed video at 2880 x 1616P.
- **POE (Power over Ethernet) Support:** Simplifies installation by providing power and data through a single Ethernet cable (48V 802.3af standard).
- **Dual Power Options:** Supports both POE and auxiliary 12V 2A DC power input.
- **Advanced Video Compression:** Utilizes H.265/H.264 dual encoding to optimize storage space and bandwidth.
- **IP65 Weatherproof Design:** Suitable for outdoor and indoor use, resistant to dust and water, operating in temperatures from -25°C to 60°C.
- **Infrared Night Vision:** Equipped with a 3.6mm lens and 2 IR LEDs, providing clear night vision up to 10-15 meters.
- **Motion Detection:** Alerts you to detected movement within the camera's field of view.
- **Remote Access:** View live and recorded footage via the "Linklemo" mobile application (iOS, Android) or VMS software for Windows computers.

5 MP POE Security IP Camera



5MP
HD

2 array LED



POE



Waterproof
(IP65)



Night Vision



P2P



Detection Alarm



H.265/H.264



3.6 mm lens



75° FOV

Figure 2.1: Overview of REVODATA 5MP POE IP Security Camera features.



Figure 2.2: Resolution comparison between 5MP and 1080P.

3. PACKAGE CONTENTS

Verify that all items are present and in good condition upon opening the package. If any items are missing or damaged, please contact customer support.

- 1 x REVODATA 5MP POE IP Security Camera (Model I6036-P-HS-S)
- 1 x User Manual
- 1 x Screw Set for mounting
- 1 x Waterproof Cap for Ethernet connection



Figure 3.1: Package contents and camera components.

4. SETUP

4.1 Physical Installation

1. **Choose a Location:** Select a suitable location for your camera, considering the desired viewing angle and proximity to network and power sources. The camera is IP65 rated for outdoor use.
2. **Mounting:** Use the included screw set to securely mount the camera to a wall or ceiling. Ensure the

mounting surface is stable enough to support the camera's weight.

3. **Adjust Angle:** Loosen the adjustable brackets to position the camera for optimal coverage, then tighten to secure.



Figure 4.1: Camera mounted outdoors, highlighting its IP65 weatherproof rating.

4.2 Power and Network Connection

The camera supports two power options: Power over Ethernet (POE) or a 12V DC power adapter (not included).

- **POE Connection:** Connect an Ethernet cable from a POE-enabled switch or NVR to the camera's RJ45 port. This single cable will provide both power and network connectivity. Use the waterproof cap for outdoor installations to protect the RJ45 connection.
- **DC Power Connection:** If POE is not available, connect a 12V 2A DC power adapter (sold separately) to the camera's DC power port, and then connect an Ethernet cable from your router/switch to the RJ45 port for network access.

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.

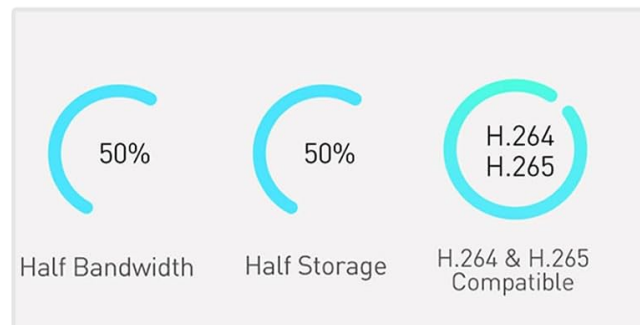


Figure 4.2: POE connection and H.265/H.264 encoding benefits.



Figure 4.3: Ethernet and DC power ports.

5. OPERATING INSTRUCTIONS

5.1 Initial Access and Software Setup

1. **Download Mobile App:** For mobile access, download the "Linklemo" app from the iOS App Store or Google Play Store.
2. **Install VMS Software:** For PC access, install the VMS software on your Windows computer. (Note: MAC OS and Linux are not supported).

3. **Add Camera:** Follow the in-app or software instructions to add your camera to the system. This typically involves scanning a QR code or manually entering the camera's ID.

5.2 Live View and Playback

Once the camera is added, you can access the live video feed and review recorded footage through the Linklemo app or VMS software.



Figure 5.1: Remote viewing via Linklemo app and VMS software.

5.3 Motion Detection

The camera features motion detection to alert you to activity. You can configure motion detection settings within the Linklemo app or VMS software.

- **Enable Motion Detection:** Navigate to the camera settings and enable motion detection.
- **Adjust Sensitivity:** Customize the sensitivity level to reduce false alarms.
- **Set Alert Notifications:** Configure the system to send push notifications to your mobile device when motion is detected.

MOTION DETECTION

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



Figure 5.2: Motion detection alert on a smartphone.

5.4 Night Vision

The camera automatically switches to infrared night vision in low-light conditions, providing clear black and white images. The 2 IR LEDs illuminate the area up to 10-15 meters.

IR Night Vision

This camera infrared LEDs with sensors see in total darkness. When ambient light drops below a certain point, a device within the camera switches from color to black and white and turns on the LEDs.



Figure 5.3: Day and Night vision comparison.

DAY



NIGHT



Figure 5.4: Day and Night surveillance footage example.

6. MAINTENANCE

- **Cleaning:** Regularly clean the camera lens with a soft, dry cloth to ensure clear image quality. Avoid using harsh chemicals.
- **Firmware Updates:** Check for available firmware updates through the Linklemo app or VMS software to ensure optimal performance and security.
- **Cable Inspection:** Periodically inspect all cables for wear or damage, especially for outdoor installations.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
No video feed	No power, network issue, incorrect IP address	Check power connection (POE or DC adapter). Verify Ethernet cable connection. Ensure camera is connected to the network and has a valid IP address. Restart camera.
Poor image quality	Dirty lens, low bandwidth, incorrect resolution settings	Clean the camera lens. Check network speed. Adjust resolution settings in the app/software.
Motion detection not working	Feature disabled, incorrect sensitivity, detection zone not set	Enable motion detection in settings. Adjust sensitivity. Define or verify detection zones.
Cannot connect to app/software	Incorrect camera ID/password, network firewall, app/software outdated	Verify camera ID and password. Check firewall settings on your router/PC. Update the Linklemo app or VMS software to the latest version.

8. SPECIFICATIONS

Feature	Specification
Model Number	I6036-P-HS-S
Resolution	5 Megapixels (2880 x 1616P)
Lens	3.6mm
Night Vision Distance	10-15 meters (with 2 IR LEDs)
Weatherproof Rating	IP65
Operating Temperature	-25°C to 60°C
Power Input	POE (48V 802.3af) or 12V 2A DC
Connectivity	Wired Ethernet (RJ45)
Video Compression	H.265/H.264
Frame Rate	25fps
Sensor Technology	CMOS
Compatible Devices	Smartphone (iOS, Android), Windows PC
Dimensions (L x W x H)	18.5 x 7 x 5.7 cm

Feature	Specification
Weight	300 grams

9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official REVODATA website or contact your retailer. Keep your purchase receipt as proof of purchase for warranty claims.