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## REVODATA IPIR-POE

# REVODATA TSEYE 5MP PIR POE IP Camera User Manual

Model: IPIR-POE

## INTRODUCTION

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This manual provides instructions for the installation, operation, and maintenance of your REVODATA TSEYE 5MP PIR POE IP Camera (Model IPIR-POE). Please read this manual thoroughly before using the product to ensure correct usage and optimal performance.

The IPIR-POE camera features 5-megapixel resolution, Power over Ethernet (PoE) capability, 940nm invisible infrared LEDs for night vision, and passive infrared (PIR) motion detection.

## PACKAGE CONTENTS

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Verify that all items listed below are included in your package. If any items are missing or damaged, please contact customer support.

# Package Including:



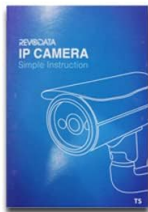
**Camera**



**Box**



**Screws Set**



**User Manual**

**Note: This product do not including the power unit.**

Image: Contents of the REVODATA TSEYE IPIR-POE camera package. Includes the camera unit, product packaging box, a set of mounting screws, and the user manual.

- REVODATA TSEYE IPIR-POE Camera
- Mounting Screw Set
- User Manual

**Note: This product does not include a power adapter. It is designed for Power over Ethernet (PoE) or requires a separate 12V DC power supply.**

## SPECIFICATIONS

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<b>Brand</b>	REVODATA
<b>Model</b>	IPIR-POE
<b>Resolution</b>	5MP (2880x1660P)
<b>Lens</b>	3.7mm Pinhole Lens
<b>Infrared LEDs</b>	940nm Invisible IR LEDs
<b>Power Source</b>	48V Power over Ethernet (PoE) or 12V DC (adapter not included)
<b>Maximum IR Range</b>	15 Meters
<b>Motion Detection</b>	PIR (Passive Infrared)
<b>Connectivity</b>	Ethernet (No Wi-Fi)
<b>Weight</b>	10.56 ounces



Image: Detailed view of the camera's physical features and connections, including its dimensions (4.72 in height, 2.76 in width), 940nm LEDs, 3.7mm Pinhole Lens, mounting bracket, camera cable, auxiliary power supply input, and RJ45 network cable connection.

# SETUP

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## 1. Physical Installation and Connection

The IPIR-POE camera supports Power over Ethernet (PoE), simplifying installation by delivering both power and data through a single Ethernet cable. Alternatively, it can be powered by a 12V DC adapter (not included).

1. **Mounting:** Secure the camera to your desired location using the provided mounting screws. Ensure the camera has a clear field of view.
2. **PoE Connection:** Connect one end of an Ethernet cable to the camera's RJ45 port and the other end to a PoE-enabled NVR (Network Video Recorder) or a PoE switch.
3. **Non-PoE Connection (Optional):** If not using PoE, connect a 12V DC power adapter (not included) to the camera's power input and an Ethernet cable to a standard network switch or router.
4. **NVR/Monitor Connection:** Connect your PoE NVR to a monitor for local viewing, or ensure your NVR/router is connected to your network for remote access.

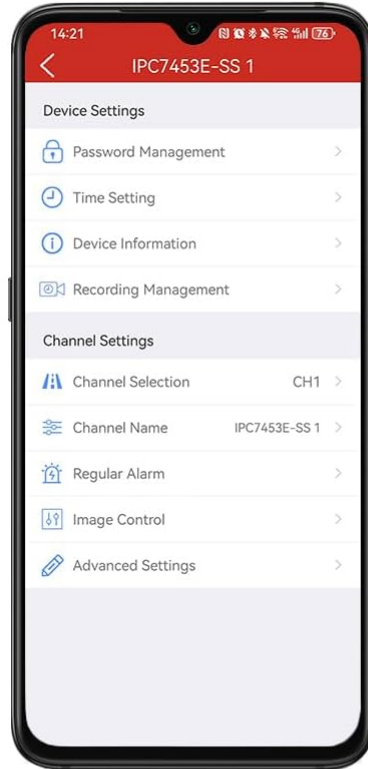
**When connecting to our camera for the first time, we recommend using our software to set up the camera. The software can be downloaded from the manual.**



**Web page settings page**



**VMS Software Page**



**TSEYE mobile terminal settings page**

Image: Connection diagram for the PoE IP Camera. The camera connects to a PoE NVR via a network cable (power + network). The NVR connects to a monitor and a router. An optional DC 12V/2A power adapter is shown for non-PoE setups.

## 2. Software Setup

For initial setup and configuration, REVODATA recommends using the "TSEYE" smartphone application or the VMS software for Windows. The manual included in the camera package contains detailed instructions for software usage.



Image: Overview of software interfaces. This includes the camera's web page settings for network configuration, the VMS software interface for Windows, and the TSEYE mobile application interface for smartphone settings.

### **TSEYE Smartphone Application**

The "TSEYE" app is available for download on your smartphone's app store. It allows for remote viewing, configuration, and motion detection notifications.

# TSEye App View

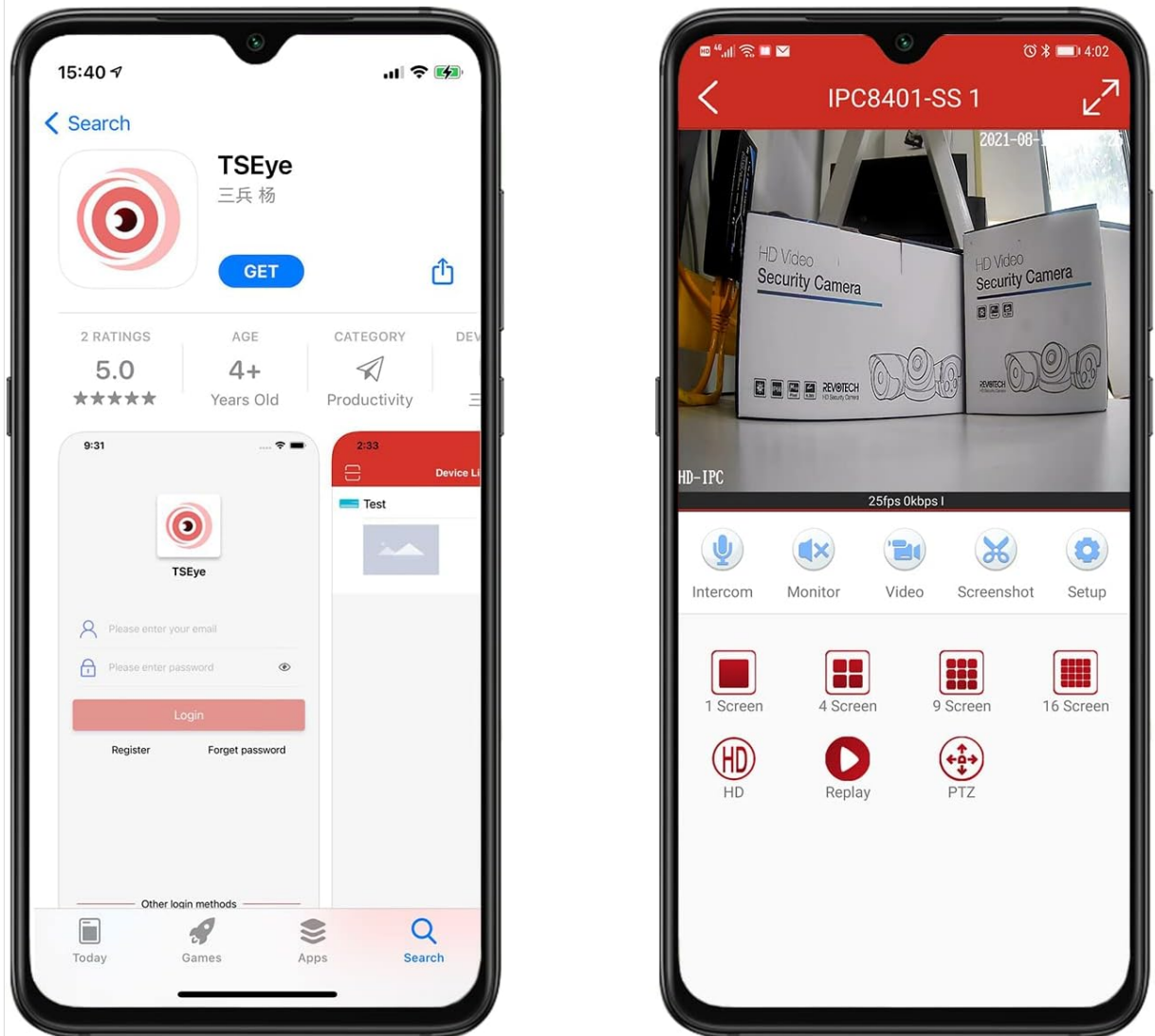


Image: TSEYE App View. Shows the app's listing in an app store and its main interface with live video feed and control options.

## VMS Software (Windows)

For Windows users, the VMS (Video Management Software) provides advanced monitoring and management capabilities. This software is not compatible with MAC OS or Linux.

# VMS View

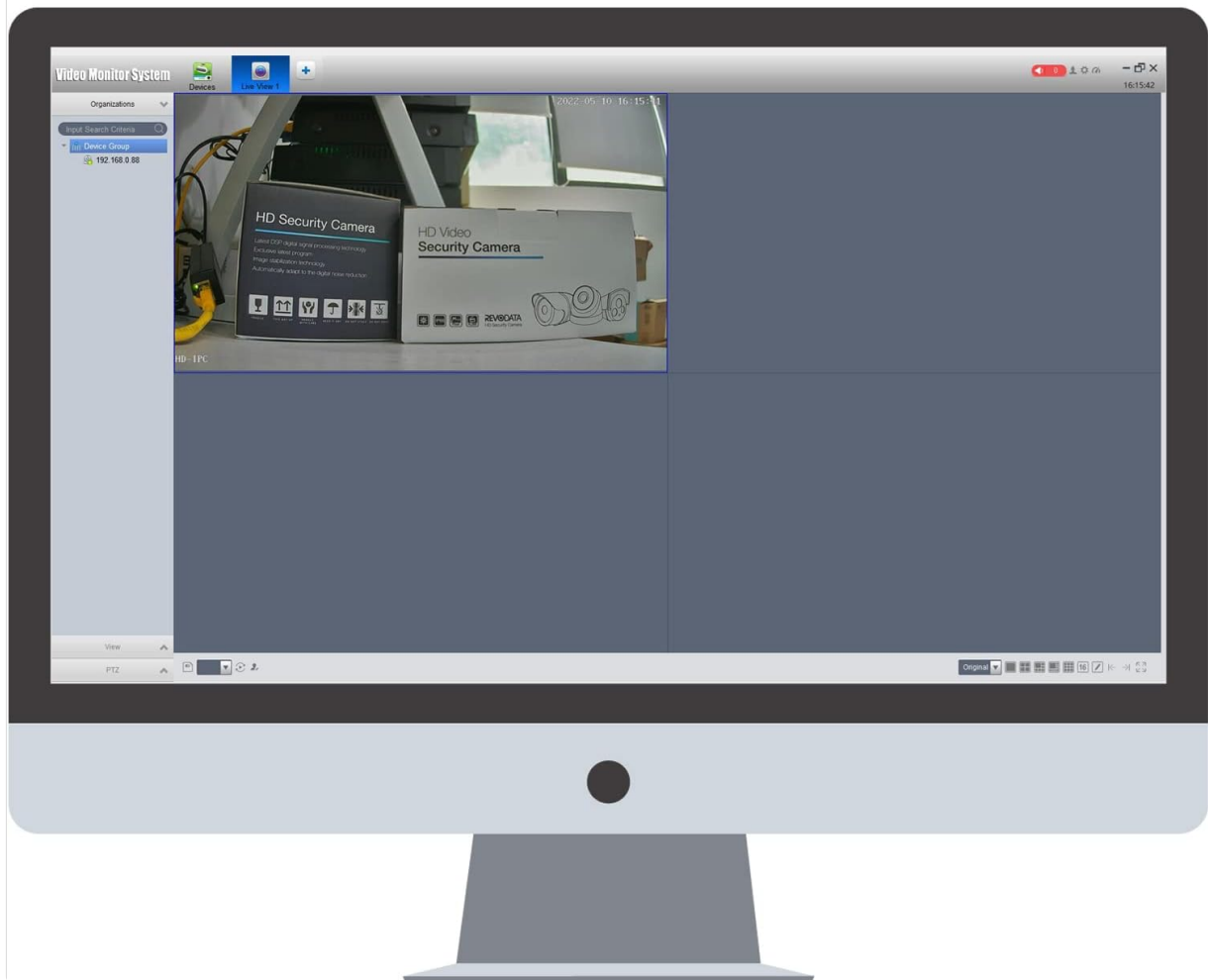


Image: VMS View. A screenshot of the Video Management Software interface on a computer monitor, showing a live camera feed.

## OPERATION

### 1. Motion Detection

The camera features smart PIR motion detection. When movement is detected within the camera's field of view, an alarm notification will be sent to your smartphone via the TSEYE app.

- **Configuration:** Motion detection settings, including sensitivity and detection zones, can be configured through the TSEYE app or VMS software.
- **Notifications:** Ensure app notifications are enabled on your smartphone to receive timely alerts.

# Motion Detection

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

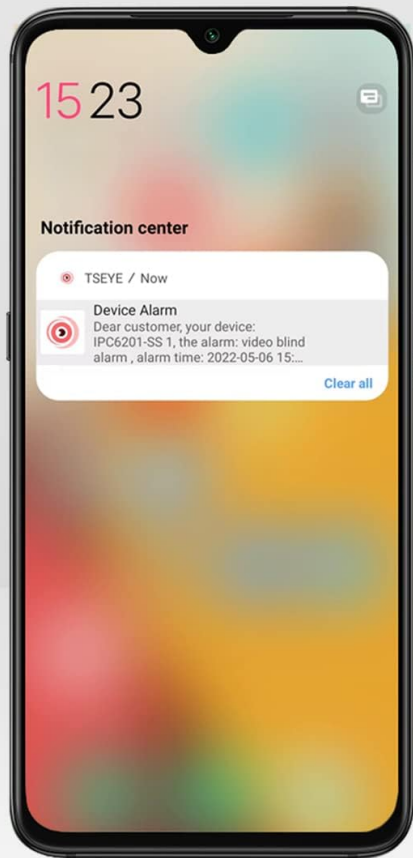


Image: Motion Detection feature. A smartphone displays a notification from the TSEYE app indicating a device alarm due to detected movement. An illustration shows the camera detecting a person in a room.

## 2. Invisible IR Night Vision

Equipped with 940nm invisible infrared LEDs, the camera provides clear night vision without emitting a visible red glow, enhancing discretion and security. The camera automatically switches between day and night modes based on ambient light conditions.

- **Day Mode:** Full-color video recording in well-lit conditions.
- **Night Mode:** Black and white video recording in low-light or dark conditions, utilizing invisible IR illumination up to 15 meters.



Real Picture



Image: Day and Night Vision comparison. The top image shows a room in full color during the day. The bottom image shows the same room in clear black and white during the night, demonstrating the invisible IR night vision capability.

### 3. Remote Access and Monitoring

Access your camera feed and settings remotely using the TSEYE smartphone application or the VMS software on your computer. Ensure your camera is properly connected to a network with internet access.

- **Live View:** Monitor your premises in real-time from anywhere.
- **Playback:** Review recorded footage stored on your NVR or local storage.
- **Settings:** Adjust camera parameters, motion detection, and notification preferences remotely.

## MAINTENANCE

- **Cleaning:** Regularly clean the camera lens with a soft, dry cloth to ensure clear image quality. Avoid abrasive cleaners.
- **Firmware Updates:** Check the manufacturer's website or app for available firmware updates to ensure optimal performance and security.
- **Cable Inspection:** Periodically inspect all cables for wear or damage, especially if installed outdoors.

- **Environmental Conditions:** Ensure the camera operates within its specified temperature and humidity ranges.

## TROUBLESHOOTING

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### No Image/Video Feed

- **Check Power:** Ensure the camera is receiving power. If using PoE, verify the PoE switch/NVR is functioning. If using a 12V DC adapter, ensure it's properly connected and working.
- **Check Network Cable:** Verify the Ethernet cable is securely connected at both ends and is not damaged.
- **Network Connectivity:** Confirm that your NVR/router has network access and the camera is properly configured on the network.
- **Software:** Ensure the TSEYE app or VMS software is correctly installed and configured to connect to the camera.

### Poor Image Quality

- **Clean Lens:** Clean the camera lens to remove dust or smudges.
- **Lighting:** Ensure adequate lighting during the day. For night vision, confirm IR LEDs are functioning (though invisible, you might see a faint glow from certain angles or with another camera).
- **Resolution Settings:** Check the camera's resolution settings in the software to ensure it's set to 5MP (2880x1660P).

### Motion Detection Not Working

- **Enable Feature:** Verify that motion detection is enabled in the camera's settings via the TSEYE app or VMS software.
- **Sensitivity:** Adjust motion detection sensitivity. Too low, and it might miss events; too high, and it might trigger false alarms.
- **Detection Zone:** Ensure the area you want to monitor is within the configured detection zone.
- **App Notifications:** Check your smartphone's notification settings to ensure the TSEYE app is permitted to send alerts.

### Cannot Connect to TSEYE App/VMS

- **Network Connection:** Ensure your smartphone/computer and the camera are connected to the internet.
- **Camera IP Address:** Verify the camera's IP address and port settings are correct in the software.
- **Firewall:** Check if your network firewall is blocking communication with the camera.
- **Router Settings:** For remote access, ensure port forwarding (if required by your network setup) is correctly configured on your router.

## WARRANTY AND SUPPORT

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For warranty information, please refer to the documentation provided with your purchase or contact your

retailer. REVODATA provides technical support for its products.

If you encounter issues not covered in this manual, or require further assistance, please contact REVODATA customer support through their official website or the contact information provided in your product packaging.

**Online Resources:**

- Visit the REVODATA Store on Amazon for product information and updates.