

Retoo E936-1

Retoo WiFi Indoor 1080p IP Camera User Manual

Model: E936-1

1. INTRODUCTION

Thank you for choosing the Retoo WiFi Indoor 1080p IP Camera. This manual provides detailed instructions for the proper installation, operation, and maintenance of your camera. Please read this manual thoroughly before using the product to ensure optimal performance and safety. Keep this manual for future reference.

2. PRODUCT OVERVIEW

The Retoo WiFi Indoor 1080p IP Camera is designed for indoor surveillance, offering high-definition video, two-way audio, and motion tracking capabilities. It provides a 355° horizontal rotation for comprehensive coverage.

Key Features:

- **1080p Full HD Resolution:** Provides clear and detailed video footage.
- **355° Horizontal Rotation:** Offers a wide viewing angle for extensive area coverage.
- **Two-Way Audio:** Built-in microphone and speaker for remote communication.
- **Motion Detection & Tracking:** Alerts you to movement and follows detected subjects.
- **Remote Access:** Monitor your space from anywhere via a dedicated mobile application.
- **Easy Installation:** Designed for quick setup on walls or ceilings.

Package Contents:

- 1 x Retoo WiFi Indoor 1080p IP Camera
- 1 x Ceiling Mount Bracket
- 1 x 5V Power Supply
- 1 x Micro USB Power Cable
- 1 x Set of Mounting Accessories (screws, wall plugs)

- 1 x User Manual



Image: Front view of the Retoo WiFi Indoor 1080p IP Camera, showing the lens and LED array.



Image: Back view of the Retoo WiFi Indoor 1080p IP Camera, showing the antenna and power port.



Image: Visual comparison demonstrating the superior clarity of 1080p resolution compared to 720p, as captured by the camera.

3. SAFETY INFORMATION

Please observe the following safety precautions to prevent damage to the product or injury to yourself and others:

- Ensure the power supply voltage matches the camera's requirements (DC 5V 2A).
- Do not expose the camera to water, moisture, or extreme temperatures. This product is for indoor use only.
- Avoid placing the camera near heat sources or in direct sunlight.
- Do not attempt to disassemble or modify the camera. This will void the warranty and may cause damage.
- Keep the camera and its accessories out of reach of children and pets.
- Use only the provided power adapter and cable.
- Ensure the camera is securely mounted to prevent it from falling.

4. SETUP GUIDE

4.1 Physical Installation

1. **Choose a Location:** Select an indoor location with a clear view of the area you wish to monitor and within range of your WiFi network. The camera can be placed on a flat surface or mounted on a wall or ceiling.
2. **Mounting (Optional):**
 - If mounting on a ceiling or wall, use the provided bracket as a template to mark drill holes.
 - Drill holes and insert wall plugs if necessary.
 - Secure the bracket to the surface using the provided screws.
 - Attach the camera to the bracket by aligning the base with the bracket and twisting until it locks into place.
3. **Power On:** Connect the micro USB power cable to the camera's power port and plug the 5V power supply into an electrical outlet. The camera will power on and initiate its startup sequence.

4.2 App Download and Account Creation

1. **Download the App:** Search for the recommended camera application (refer to the packaging or quick start guide for the specific app name) in your smartphone's app store (App Store for iOS or Google Play Store for Android).
2. **Install and Register:** Install the app and follow the on-screen instructions to create a new user account.

4.3 Connecting to WiFi

1. **Add Device:** Open the app and tap the "Add Device" or "+" icon.
2. **Select Camera Type:** Choose the appropriate camera type from the list (e.g., "Smart Camera" or "IP Camera").
3. **WiFi Configuration:**
 - Ensure your smartphone is connected to a 2.4GHz WiFi network (5GHz networks are generally not supported by this camera).
 - Enter your WiFi network name (SSID) and password into the app.
 - The app will generate a QR code. Hold your phone with the QR code in front of the camera lens at a distance of 15-20 cm (6-8 inches) until you hear a confirmation sound from the camera.
 - Once connected, the camera's indicator light will change, and the app will confirm successful pairing.
4. **Name Your Camera:** Assign a name to your camera for easy identification (e.g., "Living Room Camera," "Baby Room").



Image: The Retoo camera positioned on a shelf, monitoring a baby sleeping in a crib, illustrating its use as a baby monitor.

5. OPERATING INSTRUCTIONS

5.1 Live View and Pan/Tilt Control

- Open the camera app on your smartphone.
- Select your camera from the device list to access the live video feed.
- Use the directional controls within the app to pan (rotate horizontally) the camera 355° to adjust the viewing angle.



Image: A smartphone screen showing a live camera feed of a house, demonstrating remote monitoring capabilities from a distant location like a beach.

5.2 Two-Way Audio

- While in live view, tap the microphone icon in the app to speak through the camera's speaker.
- Tap the speaker icon to listen to audio from the camera's microphone.

5.3 Motion Detection and Tracking

- **Enable Motion Detection:** Navigate to the camera settings in the app and enable "Motion Detection." You can often adjust sensitivity levels.
- **Motion Tracking:** If available, enable "Motion Tracking" in the settings. The camera will automatically pan to follow detected movement within its field of view.
- **Alerts:** When motion is detected, the camera will send notifications to your smartphone via the app.

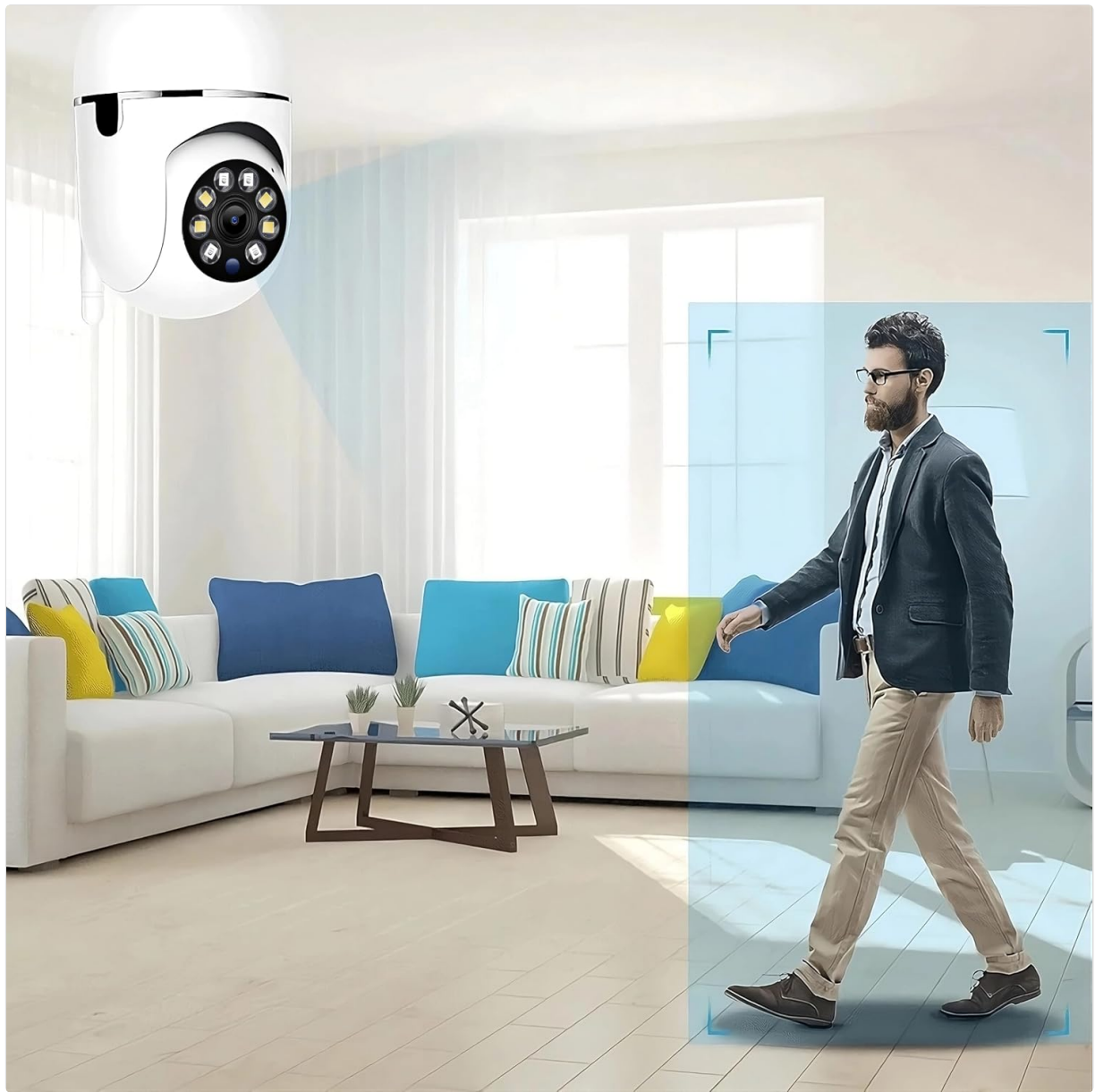


Image: A visual representation of the camera's motion tracking feature, highlighting how it follows a person moving across a room.



Image: A smartphone screen showing an alert notification, indicating motion detected by the camera, with a blurred background of a person in a home setting.

5.4 Video Recording and Storage

- The camera supports local storage via a MicroSD card (not included). Insert a MicroSD card (up to 128GB, Class 10 recommended) into the designated slot on the camera.
- Configure recording settings (continuous, motion-triggered) within the app.
- Recorded footage can be accessed and reviewed through the app. Some apps may offer cloud storage options (subscription may be required).

6. MAINTENANCE

- **Cleaning:** Gently wipe the camera lens and body with a soft, dry cloth. Do not use harsh chemicals or abrasive cleaners.
- **Software Updates:** Regularly check the camera app for firmware updates. Keeping your camera's firmware updated ensures optimal performance, security, and access to new features.
- **Power Cycle:** If the camera becomes unresponsive, disconnect the power cable, wait 10 seconds, and then reconnect it to restart the device.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Camera fails to connect to WiFi.	Incorrect WiFi password, 5GHz network used, camera too far from router, QR code not scanned properly.	<ul style="list-style-type: none">• Verify WiFi password.• Ensure you are connecting to a 2.4GHz WiFi network.• Move the camera closer to the WiFi router.• Ensure the QR code is clear and held at the correct distance (15-20 cm) from the camera lens.• Reset the camera (refer to app instructions for reset procedure) and try pairing again.
No live video feed.	Camera offline, poor internet connection, app issue.	<ul style="list-style-type: none">• Check if the camera is powered on and connected to WiFi.• Verify your smartphone's internet connection.• Restart the camera and the app.
Motion detection alerts are not received.	Motion detection disabled, app notifications turned off, incorrect sensitivity settings.	<ul style="list-style-type: none">• Enable motion detection in the app settings.• Check your phone's notification settings for the camera app.• Adjust motion detection sensitivity.
Two-way audio not working.	Microphone/speaker muted in app, volume too low, network latency.	<ul style="list-style-type: none">• Ensure microphone and speaker icons are not muted in the app.• Increase volume on your phone and in the app.• Check network stability.

8. SPECIFICATIONS

Feature	Detail
Model Number	E936-1
Resolution	1080p Full HD
Rotation Angle (Horizontal)	355°
Image Sensor	2.0 MP CMOS

Feature	Detail
Lens	3.6 mm
Connectivity	Wi-Fi (2.4GHz only)
Video System	PAL, NTSC
Motion Detection	Yes
Microphone	Yes (Two-Way Audio)
Speaker	Yes (Two-Way Audio)
Power Supply	DC 5V 2A
Power Consumption	10 W
Dimensions (L x W x H)	11 x 10.5 x 7.5 cm
Weight	210 g
Mounting Type	Ceiling Mount
Usage Environment	Indoor



Image: Diagram illustrating the physical dimensions of the Retoo camera, including height (11 cm), width (7 cm), and

antenna height (9 cm).

9. WARRANTY AND SUPPORT

For product support, please refer to the contact information provided with your purchase or on the manufacturer's official website.

Return Policy:

This product is eligible for a 30-day free return period from the date of purchase. Please refer to your retailer's return policy for detailed terms and conditions.

Optional Protection Plans:

Extended protection plans may be available for this product, offering coverage against accidental damage. These plans are typically offered by third-party providers and can be purchased separately. Examples include:

- Assurant - 2 Year Camera Accidental Damage Protection
- Assurant - 3 Year Camera Accidental Damage Protection
- Assurant - 4 Year Camera Accidental Damage Protection

Please check with your retailer for availability and details of these protection plans.