

PNI IP930W

PNI IP930W 1080P 2MP Wireless P2P PTZ IP Surveillance Camera User Manual

1. INTRODUCTION

The PNI IP930W is a 1080P 2MP wireless P2P PTZ IP surveillance camera designed for indoor use. It offers comprehensive monitoring capabilities with its pan-tilt-zoom functionality, two-way audio, motion detection, and advanced night vision. This manual provides detailed instructions for setting up, operating, and maintaining your camera to ensure optimal performance and security.

2. PACKAGE CONTENTS

Before proceeding with the installation, please verify that all items listed below are present in your package.

- PNI IP930W Camera
- Power Adapter (5V/1A)
- Mounting Bracket
- User Manual
- Mounting Screws
- Power Cable



Image: Contents of the PNI IP930W package, including the camera, power adapter, USB cable, mounting bracket, and user manual.

3. PRODUCT OVERVIEW

Familiarize yourself with the camera's components and interfaces.



Image: Front view of the PNI IP930W surveillance camera, showing its dome shape and lens.



Image: Detailed view of the PNI IP930W camera with labels pointing to the Reset Button, TF Card Slot, DC Interface (power), and LAN Interface (Ethernet port).



Image: Bottom view of the PNI IP930W camera, showing the mounting points, product label with model number, QR code, and power specifications.

4. SETUP INSTRUCTIONS

4.1. Powering On the Camera

1. Connect the provided power cable to the DC Interface on the camera.
2. Plug the power adapter into a standard electrical outlet.
3. The camera will power on and initiate its self-test sequence.

4.2. Network Connection

The PNI IP930W supports both wireless (Wi-Fi) and wired (Ethernet) connections.

Wireless Connection (Recommended)

1. Download the "Yi IOT" application from your mobile device's app store (iOS or Android).
2. Register an account and log in.
3. Follow the in-app instructions to add your camera. This typically involves scanning a QR code on the camera or connecting to a temporary Wi-Fi hotspot created by the camera.
4. Select your home Wi-Fi network and enter the password.
5. Wait for the camera to connect to your Wi-Fi network.

Wired Connection

1. Connect an Ethernet cable from your router to the LAN Interface on the camera.
2. Follow the in-app instructions in the "Yi IOT" application to add your camera. The app should detect the camera automatically on the local network.

4.3. MicroSD Card Installation (Optional)

The camera supports a MicroSD card up to 64GB for local video storage.

1. Locate the TF Card Slot on the camera (refer to Product Overview image).
2. Gently insert the MicroSD card into the slot until it clicks into place.
3. Format the MicroSD card via the "Yi IOT" app settings for proper functionality.

4.4. Mounting the Camera

The camera can be placed on a flat surface or mounted to a ceiling or wall using the provided bracket and screws.



Image: The PNI IP930W camera mounted upside down on a ceiling using its bracket, demonstrating flexible installation options.

1. Choose a suitable indoor location for optimal viewing.
2. Attach the mounting bracket to the desired surface using the mounting screws.
3. Securely attach the camera to the mounting bracket.
4. Adjust the camera's orientation as needed.

5. OPERATING INSTRUCTIONS

5.1. Live View and PTZ Control

- Open the "Yi IOT" app and select your camera.
- The live video feed will appear.
- Use the on-screen controls to pan (horizontal 355°) and tilt (vertical 155°) the camera lens to adjust the viewing angle.

5.2. Two-Way Audio

- While in live view, tap the microphone icon in the app to speak through the camera's built-in speaker.
- The camera's built-in microphone will capture audio from the environment.

5.3. Motion Detection and Alerts

- Enable motion detection in the "Yi IOT" app settings.
- Adjust sensitivity levels as needed.
- When motion is detected, the camera can send alarm notifications to your mobile phone and record a short video clip (e.g., 6 seconds).

5.4. Night Vision

- The camera automatically switches to night vision mode in low-light conditions using its 8 infrared LEDs.
- Night vision provides clear black and white video up to 10 meters.

5.5. Video Recording and Storage

- Recordings can be stored locally on the MicroSD card or in the cloud (subscription required).
- Access recorded footage through the "Yi IOT" app's playback feature.

6. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the camera lens and body. Avoid abrasive cleaners or solvents.
- **Firmware Updates:** Regularly check the "Yi IOT" app for available firmware updates to ensure optimal performance and security.
- **MicroSD Card:** Periodically check the MicroSD card for errors and ensure it has sufficient storage space. Back up important recordings as needed.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Camera not powering on	Power adapter not connected or faulty; power outlet issue.	Ensure power cable is securely connected. Try a different power outlet. Verify power adapter functionality.
Unable to connect to Wi-Fi	Incorrect Wi-Fi password; camera too far from router; Wi-Fi signal interference.	Double-check Wi-Fi password. Move camera closer to the router. Reduce interference from other devices. Ensure router is 2.4GHz compatible.
No video feed in app	Network connection issue; app malfunction.	Check network connection. Restart camera and app. Re-add camera to the app if necessary.
Motion detection not working	Motion detection disabled; sensitivity too low; incorrect detection zone.	Enable motion detection in app settings. Increase sensitivity. Adjust detection zones.
MicroSD card not recording	Card not inserted correctly; card not formatted; card full or faulty.	Reinsert MicroSD card. Format card via app. Replace card if faulty.

8. SPECIFICATIONS

Feature	Detail
Model Number	IP930W
Image Sensor	1/2.7"
Sensor Resolution	2 Megapixels
Video Resolution	1080P (1920x1080)
Lens Type	f:3.6 mm
Minimum Illumination	0.01 Lux
Viewing Angle	80° (Fixed Lens), 360° (PTZ Coverage)
IR-Cut Filter	Yes
Video Compression	H.264
Frames Per Second	20-25 fps
Audio Input	Built-in Microphone
Audio Output	Built-in Speaker
Ethernet	10/100 Mbit/s RJ-45
Wireless Connectivity	Wi-Fi (802.11b/g/n)
Wireless Security	WEP, WPA, WPA2 Encryption
Pan/Tilt Range	Horizontal: 355°, Vertical: 155°
Dimensions (L x W x H)	20.25 x 12.15 x 11.7 cm
Net Weight	225g
MicroSD Card Slot	Max 64 GB (card not included)
Motion Detection	Yes
Video Recording	Local (MicroSD), Cloud (paid)
Baby Monitor Function	Yes
Infrared Distance	Up to 10 m
Alarm Notification	To mobile phone
P2P Support	Yes
Dedicated Application	Yi IOT
Power Supply Voltage	5V/1A
Power Consumption	5W

Feature	Detail
Operating Temperature	-26°C ~ +80°C
Operating Humidity	20%-85% (non-condensing)
Usage Environment	Indoor
IP Rating	IP66

9. WARRANTY AND SUPPORT

For warranty information, please refer to the documentation provided with your purchase or contact your retailer. For technical support, please visit the official PNI website or contact their customer service. The dedicated "Yi IOT" application also provides support resources and FAQs.



Image: An image indicating PNI technical support, showing tools and a multimeter, suggesting repair and service capabilities.