

[Manuals.plus](#) /

› [PNI](#) /

› PNI IP744 4MP Video Surveillance Camera User Manual

PNI PNI-IP744

PNI IP744 4MP Video Surveillance Camera User Manual

Model: PNI-IP744 | Brand: PNI

1. PRODUCT OVERVIEW

The PNI IP744 is a 4MP IP video surveillance camera designed for indoor use. It features high-resolution video capture, intelligent motion detection, and two-way audio communication. The camera supports local storage via a MicroSD card and can be controlled through a dedicated mobile application.

- **4MP Crystal Clear Video:** Captures every detail with 4-megapixel high-resolution video, providing sharp and vibrant images day and night.
- **Smart Motion Detection:** Utilizes an intelligent algorithm to filter non-critical movements, ensuring alerts are received only when significant activity is detected.
- **Two-Way Audio Communication:** Allows users to listen and speak directly through the camera, facilitating interaction with visitors or deterring intruders.
- **Expandable Storage Options:** Supports MicroSD cards up to 128GB for local storage, eliminating the need for costly cloud subscriptions. Features a wide-angle lens to capture more in each frame.



Image 1.1: Front view of the PNI IP744 camera with its packaging, highlighting key features like Wi-Fi, Micro SD slot, motion detection, and two-way audio.

2. PACKAGE CONTENTS

Please check the box for the following items:

- PNI IP744 Security Camera
- Power Adapter (5V/1A)
- Mounting Bracket
- User Manual
- Mounting Screws
- USB Cable



Image 2.1: The PNI IP744 camera, power adapter, and USB cable included in the package.

3. SETUP AND INSTALLATION

3.1 Physical Installation

The PNI IP744 camera is designed for indoor use and can be mounted on a wall or placed on a flat surface using its adjustable stand.

1. **Choose a Location:** Select an indoor location that provides the desired viewing angle and is within range of your Wi-Fi network.
2. **Mounting (Optional):** If wall-mounting, use the provided mounting bracket and screws to secure the camera. Ensure the camera is stable and positioned correctly.
3. **Power Connection:** Connect the USB cable to the camera's DC 5V port and the power adapter. Plug the adapter into a standard electrical outlet. The camera will power on automatically.



Image 3.1: Side view of the PNI IP744 camera, showing its compact design and adjustable stand.



Image 3.2: Rear view of the PNI IP744 camera, showing the DC 5V power input port.



Image 3.3: View of the PNI IP744 camera showing the MicroSD card slot and reset button.

3.2 App Installation and Initial Connection

1. **Download the App:** Search for "Tris Home" in your smartphone's app store (iOS or Android) and download the dedicated application.
2. **Create Account:** Open the Tris Home app and follow the on-screen instructions to create a new user account or log in if you already have one.
3. **Add Device:** In the app, select the option to add a new device. Follow the prompts to connect your PNI IP744 camera to your Wi-Fi network (2.4GHz only). This typically involves scanning a QR code on the camera or entering Wi-Fi credentials.

4. **MicroSD Card Installation (Optional):** If you wish to use local storage, insert a MicroSD card (up to 128GB, not included) into the designated slot on the camera before powering it on or after initial setup.

4. OPERATING THE CAMERA

4.1 Live View and Recording

Once connected, open the Tris Home app to access the live video feed from your camera. You can initiate manual recordings or capture screenshots directly from the app interface.

4.2 Motion Detection

The camera features intelligent motion detection. You can configure detection sensitivity and alert notifications within the Tris Home app. When motion is detected, the camera can send alerts to your smartphone and initiate recording.

4.3 Two-Way Audio

Use the two-way audio feature to communicate through the camera. Tap the microphone icon in the app to speak, and the camera's built-in speaker will broadcast your voice. The integrated microphone allows you to hear audio from the camera's environment.



Image 4.1: Illustration of the two-way audio function, showing a user communicating through the camera via a smartphone app.

4.4 Night Vision

The PNI IP744 is equipped with 2 IR LEDs and 2 white LEDs, providing clear color images at night. The camera automatically switches to night vision mode in low-light conditions, with a night vision range of up to 10 meters.

5. 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 Tris Home app for available firmware updates to ensure optimal performance and security.
- **MicroSD Card Management:** Regularly back up important recordings from your MicroSD card. Format the card periodically to maintain performance.

6. TROUBLESHOOTING

Camera not connecting to Wi-Fi:

- Ensure your Wi-Fi network is 2.4GHz. The camera does not support 5GHz networks.

- Check that the Wi-Fi password is entered correctly in the app.
- Move the camera closer to your Wi-Fi router to improve signal strength.
- Reset the camera using the reset button (refer to Image 3.3 for location) and try the setup process again.

Poor image quality:

- Ensure the camera lens is clean and free from dust or smudges.
- Check your internet connection speed. A slow connection can affect streaming quality.
- Verify that the camera is receiving adequate power.

Motion detection alerts not working:

- Confirm that motion detection is enabled in the Tris Home app settings.
- Adjust the motion detection sensitivity.
- Check app notification settings on your smartphone to ensure alerts are not blocked.

MicroSD card not recording:

- Ensure the MicroSD card is inserted correctly and is not full.
- Format the MicroSD card through the app.
- Verify that recording settings (e.g., continuous recording, motion-triggered recording) are configured correctly in the app.

7. TECHNICAL SPECIFICATIONS

Feature	Specification
Product Code	PNI-IP744
Color	White
Image Sensor	CMOS Color Sensor
Sensor Resolution	4MP
Lens Type	3.6 mm
Minimum Illumination	0.1 Lux @ F1.2
Viewing Angle	72°
Video Compression	H.265+
Video Frame Rate	50 Hz, 60 Hz
Audio Input	Integrated Microphone
Audio Output	Speaker
Audio Compression	G.711
Wireless Connectivity	Yes, 802.11 b/g/n (2.4GHz)
Infrared Illumination	2 x IR LEDs and 2 x White LEDs
Dimensions	53 x 42 x 75 mm

Feature	Specification
Power Cable Length	1.5 meters
Net Weight	85 grams
MicroSD Card Slot	Max 128 GB (card not included)
Motion Detection	Yes, with Human Shape Detection
Video Recording	Local (MicroSD), Cloud (paid)
Dedicated Application	Tris Home
Power Supply Voltage	5V / 1A
Power Consumption	5 W
Operating Temperature	-26°C ~ +80°C
Night Vision Range	10 Meters
IP Rating	IP74 1 (Note: This may be a typo in source data)

8. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please refer to the contact details provided in your purchase documentation or visit the official PNI website. Keep your proof of purchase for warranty claims.

Manufacturer: ONLINESHOP SRL

Email: comenzi@pni.ro