

PNI PNI-WIFI800

PNI House WIFI800 Wireless NVR Instruction Manual

Model: PNI-WIFI800 | Brand: PNI

INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your PNI House WIFI800 Wireless NVR. Please read this manual thoroughly before using the product to ensure proper functionality and to prevent damage. Keep this manual for future reference.

PRODUCT FEATURES

- **4K UHD Wireless NVR:** Supports up to 8 IP cameras with 5MP resolution or up to 4 8MP 4K (3840 x 2160px) cameras. Compatible with PNI IP590 and PNI IP840 cameras.
- **Easy Installation and Remote Access:** Simple to install, configure, and control locally or remotely. View real-time images or play back recordings via phone, PC, or browser. Motion detection triggers SMS notifications via the mobile application.
- **HDD and MicroSD Compatibility:** Supports connecting a 2.5-inch hard drive up to 14 TB or a microSD card up to 128 GB. For optimal performance, use special CCTV hard drives designed for 24/7 reliability and durability.
- **H.265AI/H.265+ Video Compression:** Increases bandwidth and storage efficiency, supports higher resolution, and allows for longer recording times. Compatible with H.265/H.264.



Image: PNI House WIFI800 NVR with its packaging, highlighting its key features.



Image: Illustrates the NVR's advanced detection capabilities, including motion, human, and face detection, enhancing security monitoring.



Image: A mobile phone displaying the iCSee and XMEye applications, used for remote access and control of the NVR system.



Image: Rear view of the NVR highlighting Wi-Fi, H.265A/H.265+ compression, and ONVIF compatibility.

PACKAGE CONTENTS

The package includes the following items:

- PNI House WIFI800 Wireless NVR
- User Manual
- Mouse
- Power Adapter



Image: The PNI House WiFi800 NVR shown with its included accessories: a mouse and a power adapter.

SETUP INSTRUCTIONS

1. **Connect Power:** Connect the provided power adapter to the NVR's power input port and then plug it into a power outlet.
2. **Connect to Network:** For initial setup or wired connection, connect an Ethernet cable from the NVR's LAN port to your router. The NVR also supports wireless connectivity.
3. **Connect Display:** Connect a monitor to the NVR's HDMI port using an HDMI cable (not included) to view the interface.
4. **Connect Mouse:** Plug the included USB mouse into the NVR's USB port for navigation.
5. **Install Storage (Optional):**

The NVR supports a 2.5-inch HDD up to 14 TB or a microSD card up to 128 GB for recording.
To install an HDD:

- Carefully open the NVR casing (refer to the diagram below).
- Connect the HDD to the internal SATA power and data connectors.
- Secure the HDD within the NVR and close the casing.

- Alternatively, insert a microSD card into the dedicated slot.

6. **Camera Pairing:** Follow the on-screen instructions on the connected display to pair your compatible PNI IP cameras (e.g., PNI IP590, PNI IP840) or other ONVIF-compatible cameras.



Image: Rear view of the PNI House WIFI800 NVR, illustrating the power input, microSD card slot, HDMI output, Ethernet (LAN) port, USB port, and audio output.



Image: Bottom view of the PNI House WIFI800 NVR with the cover removed, indicating the internal slot for a 2.5-inch HDD.

OPERATING INSTRUCTIONS

Local Operation

Once the NVR is connected to a display and mouse, you can navigate the on-screen interface to manage your cameras, view live feeds, and access recordings.

- **Live View:** Select the desired camera channels to view real-time video feeds.
- **Recording:** The NVR supports manual, alarm-triggered (motion detection), and scheduled recording. Configure these options in the system settings.
- **Playback:** Access recorded footage from the storage device (HDD or microSD) through the playback menu.
- **System Settings:** Adjust network settings, video resolution, recording schedules, and other system parameters.

Remote Operation via Mobile App

The PNI House WiFi800 NVR can be accessed remotely using a mobile application (e.g., iCSee, XMEye) on your smartphone or tablet.

1. **Download App:** Download and install the recommended mobile application (e.g., iCSee or XMEye) from your device's app store.
2. **Register/Login:** Create an account or log in to the application.
3. **Add Device:** Follow the app's instructions to add your NVR. This typically involves scanning a QR code on the NVR or manually entering its device ID.
4. **Remote Viewing:** Once connected, you can view live camera feeds, play back recordings, and receive motion detection alerts directly on your mobile device.

MAINTENANCE

- **Regular Cleaning:** Keep the NVR unit clean and free from dust. Use a soft, dry cloth for cleaning. Do not use liquid cleaners.
- **Firmware Updates:** Periodically check for firmware updates on the PNI official website to ensure optimal performance and security.
- **Data Backup:** Regularly back up important recordings to an external storage device to prevent data loss.
- **Hard Drive Health:** If using an HDD, monitor its health through the NVR's system settings to anticipate potential failures.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No video output on monitor	Loose HDMI cable, incorrect input selected on monitor, NVR not powered on.	Check HDMI cable connection. Ensure monitor is on correct input. Verify NVR power.
Cameras not connecting	Incorrect network settings, cameras out of range, camera not powered, pairing issue.	Check NVR and camera network settings. Ensure cameras are within Wi-Fi range. Verify camera power. Re-attempt camera pairing.
No remote access	NVR not connected to internet, incorrect app settings, firewall issues.	Verify NVR internet connection. Check app login and device ID. Ensure router firewall allows NVR access.
No recording	No storage device, storage device full, recording schedule not set, storage device fault.	Install HDD/microSD. Check storage capacity. Configure recording schedule. Format or replace faulty storage.

SPECIFICATIONS

Brand	PNI
Model Number	PNI-WIFI800
Manufacturer	ONLINESHOP SRL
Connectivity Technology	Wired, Wireless
Compatible Devices	PNI IP125, PNI IP575, PNI KIMSD128, PNI IP590, PNI IP840
Product Dimensions (L x W x H)	17L x 12W x 3.5H centimeters
Item Weight	247 Grams
Memory Storage Capacity (HDD)	Up to 14 TB (2.5 inch)
Memory Storage Capacity (MicroSD)	Up to 128 GB
Power	24 Watts
Number of Channels	4 (supports up to 8x5MP or 4x8MP cameras)
Digital Video Media Format	H.265A/H.265+
Audio Input	Microphone
Total USB Ports	1
Supported Video Input Type	RJ45
Country of Origin	China
Battery	1 Lithium-ion - included

WARRANTY AND SUPPORT

The PNI House WIFI800 Wireless NVR comes with a **2-year warranty**. For technical support, troubleshooting assistance, or warranty claims, please contact PNI customer service or visit their official website.

Spare parts availability and guaranteed software updates information are currently unavailable.

PRODUCT OVERVIEW VIDEO

Your browser does not support the video tag.

Video: Official product overview and demonstration of the PNI House WiFi800 Wireless NVR features, including connectivity, remote access, and recording capabilities.
