

## PNI PTY6526

# PNI SafeHome PTY6526 Smart Door Lock User Manual

Model: PNI-PTY6526

## 1. INTRODUCTION

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This manual provides detailed instructions for the installation, operation, and maintenance of your PNI SafeHome PTY6526 Smart Door Lock. Please read this manual thoroughly before installation and use to ensure proper function and safety. Keep this manual for future reference.

## 2. PRODUCT OVERVIEW

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The PNI SafeHome PTY6526 is an advanced smart door lock offering multiple access methods for enhanced security and convenience. It integrates seamlessly with the Tuya Smart Application for remote management.

### Key Features:

- **Advanced Security:** Provides fingerprint recognition, code entry, and RFID tag access.
- **Intelligent Control:** Compatible with Tuya Smart App for remote management and monitoring.
- **High Capacity:** Supports up to 100 users for fingerprints, passwords, and RFID cards.
- **Multiple Unlocking Methods:** Application, Fingerprint, Password, Card, Key, Temporary Password.
- **Durable Construction:** Made from aluminum alloy.
- **Low Voltage Warning:** Alerts when batteries are low.

### Product Components:



Image 2.1: Front and back view of the PNI SafeHome PTY6526 Smart Door Lock. The front panel features a numeric keypad, fingerprint sensor, and handle. The back panel includes the battery compartment and internal mechanism.



Image 2.2: All components included with the smart door lock, including the front and back lock units, mortise lock, mounting accessories, two mechanical keys, and two RFID tags.

### 3. SPECIFICATIONS

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Image 3.1: Diagram illustrating the main specifications and key components of the PNI SafeHome PTY6526 Smart Door Lock, including the fingerprint area, password keyboard, IC card area, battery compartment, safety switch, mechanical key hole, and micro USB interface.

| Feature    | Specification  |
|------------|----------------|
| Model Name | PNI-PTY6526    |
| Material   | Aluminum Alloy |

| Feature                    | Specification                                              |
|----------------------------|------------------------------------------------------------|
| Dimensions (L x W x H)     | 250 x 140 x 75 mm                                          |
| Recommended Door Thickness | 35 - 50 mm                                                 |
| Power Supply               | 4 x AA Alkaline Batteries (6V DC)                          |
| Operating Voltage          | DC 6V (4 x AA batteries) / DC 5V (via micro USB interface) |
| Operating Temperature      | -26°C ~ +80°C                                              |
| Fingerprint Sensor         | Semiconductor sensor                                       |
| Keyboard                   | Capacitive touch keyboard                                  |
| User Capacity              | 100 users (fingerprints, passwords, RFID cards)            |
| Compatible Card            | Mifare 1 (13.56 MHz)                                       |
| Wi-Fi Frequency/Power      | 2.4 GHz / 100mW                                            |
| Item Weight                | 1.77 kg                                                    |

## 4. SETUP AND INSTALLATION

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### 4.1 Package Contents

Before beginning installation, ensure all components are present:

- Electromagnetic lock unit (front and back panels)
- Mortise lock body
- Mounting accessories (screws, spindle)
- Opening keys (2 pieces)
- RFID tags (2 pieces)
- User manual

### 4.2 Battery Installation

The lock requires 4 AA alkaline batteries (not included). Ensure correct polarity when inserting the batteries.



Image 4.1: The battery compartment located on the interior side of the lock, showing slots for four AA alkaline batteries.

1. Remove the battery cover on the interior lock unit.
2. Insert 4 new AA alkaline batteries, observing the polarity markings (+/-).
3. Replace the battery cover securely.

### **4.3 Door Handing Adjustment (if necessary)**

The lock can be configured for left or right-handed doors. Refer to the markings on the back panel for adjustment instructions.



Image 4.2: The interior back panel of the lock, displaying wiring connections, battery compartment details, and indicators for left/right door handing adjustment.

## 4.4 General Installation Steps

Installation typically involves:

1. Preparing the door (drilling holes if necessary, according to the template).
2. Installing the mortise lock into the door edge.
3. Mounting the exterior and interior lock units, ensuring proper cable connection.

4. Testing the mechanical operation of the handles and latch.

**Note: Professional installation is recommended for optimal performance and security.**

## 5. OPERATING INSTRUCTIONS

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### 5.1 Tuya Smart Application Setup

1. Download the "Tuya Smart" app from your mobile device's app store.
2. Register or log in to your Tuya Smart account.
3. Add the PNI SafeHome PTY6526 lock as a new device by following the in-app instructions. This typically involves putting the lock into pairing mode.
4. Once paired, you can manage users, view access logs, and unlock the door remotely via the app.

### 5.2 Fingerprint Access

1. **Registration:** Use the Tuya Smart app or the lock's master settings to register new fingerprints. Follow the prompts to place your finger on the sensor multiple times from different angles.
2. **Unlocking:** Place your registered finger firmly on the fingerprint sensor. The lock will unlock if the fingerprint is recognized.

### 5.3 Code Access



Image 5.1: A close-up view of the capacitive touch keypad on the front panel of the smart door lock, used for entering access codes.

1. **Setting Codes:** Use the Tuya Smart app or the lock's master settings to create and manage user passcodes.
2. **Unlocking:** Enter your registered passcode on the touch keypad, then press the '#' key to confirm. The lock will unlock if the code is correct.

#### 5.4 RFID Tag Access

1. **Registration:** Use the Tuya Smart app or the lock's master settings to register new RFID tags. Present the tag to the designated card reader area on the lock.
2. **Unlocking:** Present a registered RFID tag to the card reader area on the lock. The lock will unlock if the tag is recognized.

#### 5.5 Mechanical Key Access (Emergency)

In case of battery depletion or electronic malfunction, the lock can be opened using the provided mechanical keys.

# Smart Door Lock

## PNI SafeHome PTY6526

### Unlocking methods:

Password, Fingerprint, Card, Key, App

- Biometric identification
- Electronic keyboard
- Mobile phone application
- For Left open / Right open doors
- Up to 300 users



## PNI SafeHome PTY6526

Yala inteligenta

Deblocare cu:

Amprenta, Parola, Card, Cheie, Aplicatie

Suporta 300 grupuri de parole, carduri si amprente  
Pentru usi cu deschidere pe dreapta sau pe stanga



### Main specifications:

|                       |                                 |
|-----------------------|---------------------------------|
| Fingerprint sensor    | : Semiconductor sensor          |
| Keyboard              | : Capacitive touch keyboard     |
| Users                 | : 300 groups                    |
| Compatible card       | : MF card                       |
| WiFi frequency/power  | : 2.4 GHz / 100mW               |
| Operating temperature | : -26°C ~ +80°C                 |
| Operating voltage     | : DC 6V4 x AA batteries *       |
|                       | DC 5V (via micro USB interface) |

\* The alkaline batteries are not included



Image 5.2: A mechanical key being inserted into the emergency keyhole located at the bottom of the exterior lock unit.

1. Locate the emergency keyhole, typically at the bottom edge of the exterior handle unit.
2. Insert the mechanical key and turn it to unlock the door.

## 6. MAINTENANCE

### 6.1 Battery Replacement

When the low voltage warning is activated, replace all four AA alkaline batteries promptly to ensure continuous operation. Refer to Section 4.2 for battery installation steps.

### 6.2 Cleaning

- Wipe the lock's surface with a soft, dry cloth.
- Avoid using abrasive cleaners, solvents, or harsh chemicals, as these can damage the finish and electronic components.
- Keep the fingerprint sensor and keypad clean and free of debris for optimal performance.

## 7. TROUBLESHOOTING

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- **Lock not responding:** Check battery levels and replace if necessary. Ensure the lock is properly installed and all connections are secure.
- **Fingerprint not recognized:** Ensure your finger is clean and dry. Try re-registering your fingerprint.
- **Code not working:** Verify the code entered is correct. Ensure the keypad is clean.
- **App connectivity issues:** Ensure your Wi-Fi network is stable. Restart the lock and your mobile device. Re-pair the lock with the Tuya Smart app if necessary.
- **Low battery warning persists after replacement:** Ensure new batteries are correctly inserted and are of good quality.

If issues persist, contact customer support.

## 8. WARRANTY AND SUPPORT

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This product is manufactured by ONLINESHOP SRL.

For product support, warranty information, or technical assistance, please visit the official PNI website or contact customer service:

- **Website:** <https://www.pni.ro/index.php/catalog/product/view/id/9738>
- **Email:** [comenzi@pni.ro](mailto:comenzi@pni.ro)



Image 8.1: Back of the product box showing manufacturer details (ONLINESHOP SRL), contact information, and a QR code linking to product information.