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UJNIKM D4P-6068S

UJNIKM D4P Smart Door Lock User Manual

Model: D4P-6068S

1. Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your UJNIKM D4P Smart Door Lock. Please read this manual thoroughly before installation and use to ensure proper function and safety. Keep this manual for future reference.
The UJNIKM D4P Smart Door Lock offers multiple advanced unlocking methods, including 3D infrared face recognition, fingerprint, password, IC card, mechanical key, and mobile application control. It is designed for enhanced security and convenience in various door types.

2. Product Features

- **Multiple Unlock Methods:** Supports 3D infrared face recognition, fingerprint, password, IC card, mechanical key, and APP unlock.
- **Durable Construction:** Carved alloy material for robust security.
- **Automatic Locking/Unlocking:** Advanced automatic technology for hands-free operation.
- **Enhanced Security:** Indoor double lock knob provides an additional layer of security.
- **Emergency Power:** External emergency power supply port in case of battery depletion.
- **Rechargeable Battery:** Built-in rechargeable lithium battery with low battery warning. A full charge can last approximately 3 months.
- **English Voice and Menu:** User-friendly interface with English voice prompts and menu options.
- **Unlock Record Query:** Ability to query unlock records directly from the lock.
- **Infrared Sensor Camera:** Ensures reliable operation even in dark environments.
- **Wide Door Compatibility:** Suitable for wooden doors, stainless steel doors, bronze doors, double doors, and old-fashioned security doors.
- **Reversible Handle:** Compatible with both left and right-opening doors.



Figure 2.1: Overview of the seven available unlocking methods for the UJNIKM D4P Smart Door Lock.

3. Specifications

Specification	Detail
Brand	UJNIKM
Model Name	D4P-6068S
Unlock Methods	3D Face, Fingerprint, Password, IC Card, APP, Mechanical Key
Material	Carved Alloy
Power Supply	Rechargeable Lithium Battery

Battery Life	Approx. 3 months per full charge
Door Compatibility	Wooden, Stainless Steel, Bronze, Double, Anti-theft doors
Handle Direction	Reversible (Left/Right Open)
Item Weight	1.76 ounces (50 grams) - *Note: This weight likely refers to a component, not the full lock. Refer to packaging for total weight.*
Package Dimensions	1.18 x 0.79 x 0.39 inches -*Note: These dimensions likely refer to a component, not the full lock. Refer to packaging for total dimensions.*



Figure 3.1: Detailed dimensions of the lock body and internal mortise. Ensure your door's specifications match these measurements for proper installation.

4. Setup and Installation

Professional installation is recommended for optimal performance and security. Ensure all components are present before beginning installation.

4.1 Door Preparation

- Verify door thickness and backset measurements against the lock's specifications (refer to Figure 3.1).
- Confirm the door's opening direction (left or right) as the lock handle is reversible.

4.2 Component Identification

Familiarize yourself with the lock components, including the exterior panel (with camera and keypad), interior panel (with battery compartment and double lock knob), mortise lock body, strike plate, and mounting hardware.



Figure 4.1: Overview of the UJNIKM D4P Smart Door Lock exterior and interior units.

4.3 Initial Power-Up and Configuration

1. Install the rechargeable lithium battery into the interior panel's battery compartment.
2. The lock will power on and provide an English voice prompt.
3. Follow the voice prompts to set up an administrator password and register initial unlocking methods (e.g., fingerprint, face, IC card).

5. Operating Instructions

5.1 Unlocking Methods

The UJNIKM D4P Smart Door Lock offers multiple ways to unlock your door:

- **3D Face Recognition:** Stand in front of the lock's camera. The 3D infrared sensor will scan your face for verification. Ensure your face is within the recognition area.



Figure 5.1: 3D Infrared Face Recognition in action.

- **Fingerprint Unlock:** Place your registered finger on the fingerprint sensor. The lock will verify your fingerprint and

unlock.

- **Password Unlock:** Enter your registered password on the keypad, followed by the '#' key.
- **IC Card Unlock:** Present your registered IC card to the card reader area on the lock.
- **APP Unlock (Usmart Go):** Use the 'Usmart Go' mobile application to remotely unlock the door. This requires the lock to be connected to your home's Wi-Fi network.



Figure 5.2: Remote unlocking via the Usmart Go APP.

- **Mechanical Key Unlock:** In emergencies or when batteries are depleted, use the provided mechanical key to unlock the door.

5.2 Automatic Locking and Unlocking

The lock features automatic locking and unlocking. After successful verification, the lock will automatically retract the bolts to unlock. Upon closing the door, it will automatically extend the bolts to lock after a set delay (configurable in settings).

5.3 Indoor Double Lock Knob

For added privacy and security from the inside, rotate the indoor double lock knob. This will prevent external unlocking

methods (except for the mechanical key) from opening the door.

5.4 Built-in Visual Peephole

When someone presses the doorbell button on the exterior unit, the indoor screen will display a live view from the 175-degree wide-angle camera, allowing you to see who is at your door.



Figure 5.3: Using the built-in visual peephole to view visitors.

6. Maintenance

6.1 Battery Management

- The lock is powered by a rechargeable lithium battery. Monitor the low battery warning indicator or voice prompt.
- To charge, connect a compatible USB power source to the charging port on the interior panel.

- A full charge typically provides approximately 3 months of operation.

6.2 Cleaning

- Clean the exterior and interior panels with a soft, dry cloth.
- Avoid using abrasive cleaners, solvents, or harsh chemicals, as these can damage the finish or electronic components.
- Keep the camera lens and fingerprint sensor clean for optimal performance.

7. Troubleshooting

- **Lock not responding:** Check battery level. If batteries are depleted, use the emergency power supply port (micro-USB) or the mechanical key.
- **Unlocking methods failing:** Ensure registered fingerprints, faces, or IC cards are clean and correctly presented. Verify the password entry. If using the APP, check Wi-Fi connectivity.
- **Face recognition issues in dark environments:** The infrared sensor camera is designed to work in low light. Ensure no obstructions are blocking the camera or sensor.
- **Unable to connect to APP:** Verify your Wi-Fi network is active and the lock is within range. Follow the APP's pairing instructions carefully.
- **Lock records not updating:** Ensure the lock has a stable connection to the network if using APP features for record synchronization.

8. Warranty and Support

For warranty information, technical support, or service inquiries, please refer to the manufacturer's official website or contact your point of purchase. Keep your purchase receipt as proof of purchase.

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