TEKXDD D1

TEKXDD Smart Door Lock D1 Instruction Manual

Model: D1

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your TEKXDD D1 Smart Door Lock. Please read this manual thoroughly before installation and use to ensure proper function and safety. The D1 Smart Door Lock offers multiple unlocking methods and is designed for enhanced security and convenience.

Image 1.1: Overview of the TEKXDD D1 Smart Door Lock, showing the exterior and interior units, along with included IC cards and a smartphone app interface.

2. PRODUCT COMPONENTS

Before beginning installation, verify that all components are present in the package:

- Exterior Lock Panel (with keypad and fingerprint sensor)
- Interior Lock Panel (with battery compartment and thumb turn)
- Mortise Lock Body
- Strike Plate and Strike Box
- Mounting Screws and Spindles
- Emergency Keys (2x)
- IC Cards (2x)

- Installation Template
- User Manual (this document)

3. SPECIFICATIONS

Feature	Description
Model Name	D1 Smart Door Lock
Brand	TEKXDD
Lock Type	8-in-1 Biometric/Combination Lock/Keypad
Material	Alloy Steel
Dimensions (L x W x H)	1.97 x 1.97 x 7.87 inches
Item Weight	4.8 pounds
Special Features	Alarm, App control, Waterproof (IP66), Fingerprint, Anti-Peeping Password, Auto-Lock, Passcode Unlock, Resettable, Touchscreen
Power Source	4 x AAA Batteries (not included)
Battery Life	Up to 6 months (approximate)
Fingerprint Capacity	Up to 100 fingerprints
Door Compatibility	Aluminum alloy doors, sliding doors, wooden doors, anti-theft doors, copper doors, stainless steel doors.

4. SETUP AND INSTALLATION

Proper installation is crucial for the optimal performance of your smart door lock. Please follow these steps carefully.

4.1 Pre-Installation Check

Before starting, ensure your door meets the required dimensions and handedness. Refer to the diagram below for measurements and door type identification.

Image 4.1: Detailed diagram illustrating door dimensions, drilling points, and how to determine if your door is right-handed or left-handed for correct lock orientation.

- **Door Thickness:** Verify your door thickness is compatible with the lock's specifications.

- **Backset:** Measure the distance from the door edge to the center of the bore hole.

- **Door Handedness:** Determine if your door is left-handed or right-handed. This affects the orientation of the handle.

4.2 Installation Steps

1. **Prepare the Door:** Use the provided template to mark and drill holes on your door if necessary. Ensure all holes are clean and smooth.

2. **Install Mortise Lock Body:** Insert the mortise lock body into the edge of the door and secure it with screws. Ensure the latch bolt operates smoothly.

3. **Install Exterior Panel:** Route the cable from the exterior panel through the door. Align the exterior panel with the mortise lock body and secure it.

4. **Install Interior Panel:** Connect the cable from the exterior panel to the interior panel. Align the interior panel and secure it to the exterior panel using the provided screws.

5. **Install Batteries:** Open the battery cover on the interior panel and insert 4 AAA batteries (not included), ensuring correct polarity.

6. **Test Operation:** After installation, test all unlocking methods and ensure the lock operates smoothly without obstruction.

5. OPERATING INSTRUCTIONS

The TEKXDD D1 Smart Door Lock offers multiple convenient ways to unlock your door.

Image 5.1: Illustration of the various unlocking methods available, including fingerprint, password, IC card, key, and app.

5.1 Unlocking Methods

1. **Fingerprint Unlock:** Place your registered finger on the fingerprint sensor. The lock will unlock if the fingerprint is recognized.

2. **IC Card Unlock:** Present a registered IC card to the card reader area on the lock. The lock will unlock upon successful recognition.

3. **TUYA App Unlock:** Use the TUYA Smart app on your smartphone to remotely unlock the door. Ensure your lock is connected to your home Wi-Fi network.

4. **Emergency Keys:** In case of battery depletion or electronic malfunction, insert the physical emergency key into the keyhole and turn to unlock.

5. **Digital Password:** Enter your registered digital password on the keypad, followed by the '#' key. The lock supports anti-peeping password entry (entering random digits before or after your actual password).

6. **Remote WiFi Unlock:** Utilize the remote Wi-Fi functionality through the app to unlock the door from anywhere. A separate bridge is not required for this feature.

7. **NFC Unlock:** For compatible devices, use NFC functionality to unlock the door by tapping your NFC-enabled device near the lock's reader.

5.2 Initial Setup and User Management

Refer to the detailed instructions within the TUYA Smart app for initial setup, adding administrators, registering fingerprints, IC cards, and user passwords. The app provides a guided process for managing all access methods.

5.3 Auto-Lock Function

The lock is equipped with an auto-lock feature that automatically secures the door after a set period (configurable via the app) once it has been closed.

6. MAINTENANCE

Regular maintenance ensures the longevity and reliable operation of your TEKXDD D1 Smart Door Lock.

6.1 Battery Replacement

Power saving

Low function power consumption

No.4AAA battery

Up To 6 Months
Battery life

Low Battery Alert

Image 6.1: Illustration of the battery compartment requiring 4 AAA batteries and a visual representation of the low battery alert.

- **Low Battery Warning:** When the voltage drops below 4.8V, the lock will emit an alarm sound during each unlock attempt. You can still unlock the door approximately 200 times after the initial warning.
- **Replacement:** Replace all 4 AAA batteries promptly after the low battery warning to avoid being locked out. Ensure correct polarity.

6.2 Cleaning

- Wipe the lock's surface with a soft, dry cloth. Avoid abrasive cleaners or solvents that could damage the finish or electronic components.
- Keep the fingerprint sensor and keypad clean and free of dirt or debris for optimal performance.

6.3 Weather Resistance

The TEKXDD D1 Smart Door Lock features an IP66 waterproof rating, making it resistant to dust and water splashes. While designed for outdoor use, avoid direct high-pressure water jets or prolonged submersion.

7. TROUBLESHOOTING

If you encounter issues with your smart door lock, refer to the following common problems and solutions:

- **Lock not responding:** Check battery levels. Replace batteries if low. 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 in the app. Ensure the sensor is clean.

- **Password not working:** Verify you are entering the correct password. Try entering the password with random digits before and after (anti-peeping feature).

- **App connectivity issues:** Ensure your smartphone's Bluetooth and Wi-Fi are enabled. Check your home Wi-Fi network connection. Restart the app and the lock (by removing and reinserting batteries).

- **Alarm sounds unexpectedly:** The lock has an alarm function that triggers if it detects tampering or forced entry. Check for any physical damage or attempts to pry the lock.

- **Lock is stuck or difficult to operate:** Check for any physical obstructions around the latch bolt or strike plate. Ensure the door frame is not warped.

If problems persist, contact TEKXDD customer support for further assistance.

8. WARRANTY AND SUPPORT

For warranty information, please refer to the warranty card included with your product or visit the official TEKXDD website. For technical support, troubleshooting assistance, or replacement parts, please contact TEKXDD customer service through the contact information provided on the product packaging or the official website.