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Dhiedas D208F

Dhiedas D208F Sliding Glass Door Smart Lock Instruction Manual

Model: D208F

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1. INTRODUCTION

This manual provides detailed instructions for the installation, setup, operation, and maintenance of your Dhiedas D208F Sliding Glass Door Smart Lock. Please read this guide thoroughly before installation and use to ensure proper function and safety. Keep this manual for future reference.

2. PRODUCT OVERVIEW

The Dhiedas D208F Smart Lock is a versatile biometric security solution designed for sliding doors, glass doors, and patio doors. It offers multiple unlocking methods for enhanced convenience and security.

Key Features:

- **5-in-1 Unlocking Methods:** App, RFID card, Fingerprint, Passcode, and Mechanical Keys.
- **Wide Door Compatibility:** Suitable for door thicknesses from 13/15" to 4-3/4" (22-120mm) and door frame widths $\geq 1.8"$ (45mm).
- **Remote Access:** Generate one-time PIN codes or remotely unlock via the app without Wi-Fi or a gateway.
- **User Management:** Supports up to 300 users, including 9 administrators and 291 ordinary users.
- **Low Power Consumption:** 4 AAA batteries (not included) can last approximately 8 months.

- **Emergency Power:** Features a low battery reminder, emergency USB charging port (for power only, not charging internal batteries), and backup mechanical keys.
- **Security Features:** Wrong entry limit (lockout for 90s after 5 invalid attempts) and built-in tamper alarm.
- **Upgraded Fingerprint Sensor:** 0.2s faster unlock, larger sensor (180*180), and 360° recognition.

3. INSTALLATION GUIDE

Before beginning installation, ensure your door meets the required dimensions for the Dhiedas D208F Smart Lock. Accurate measurements are crucial for a proper fit and function.

3.1 Pre-Installation Measurements

Confirm the following critical dimensions:

- **Sliding Door Thickness:** 13/15" - 4-3/4" (22-120mm)
- **Door Frame Width:** $\geq 1.8"$ (45mm)
- **Clearance:** 10mm from frame to lock edge, 28mm to cylinder center.



Figure 1: Key dimensions for Dhiedas D208F Smart Lock installation.

Check Lock Body Size

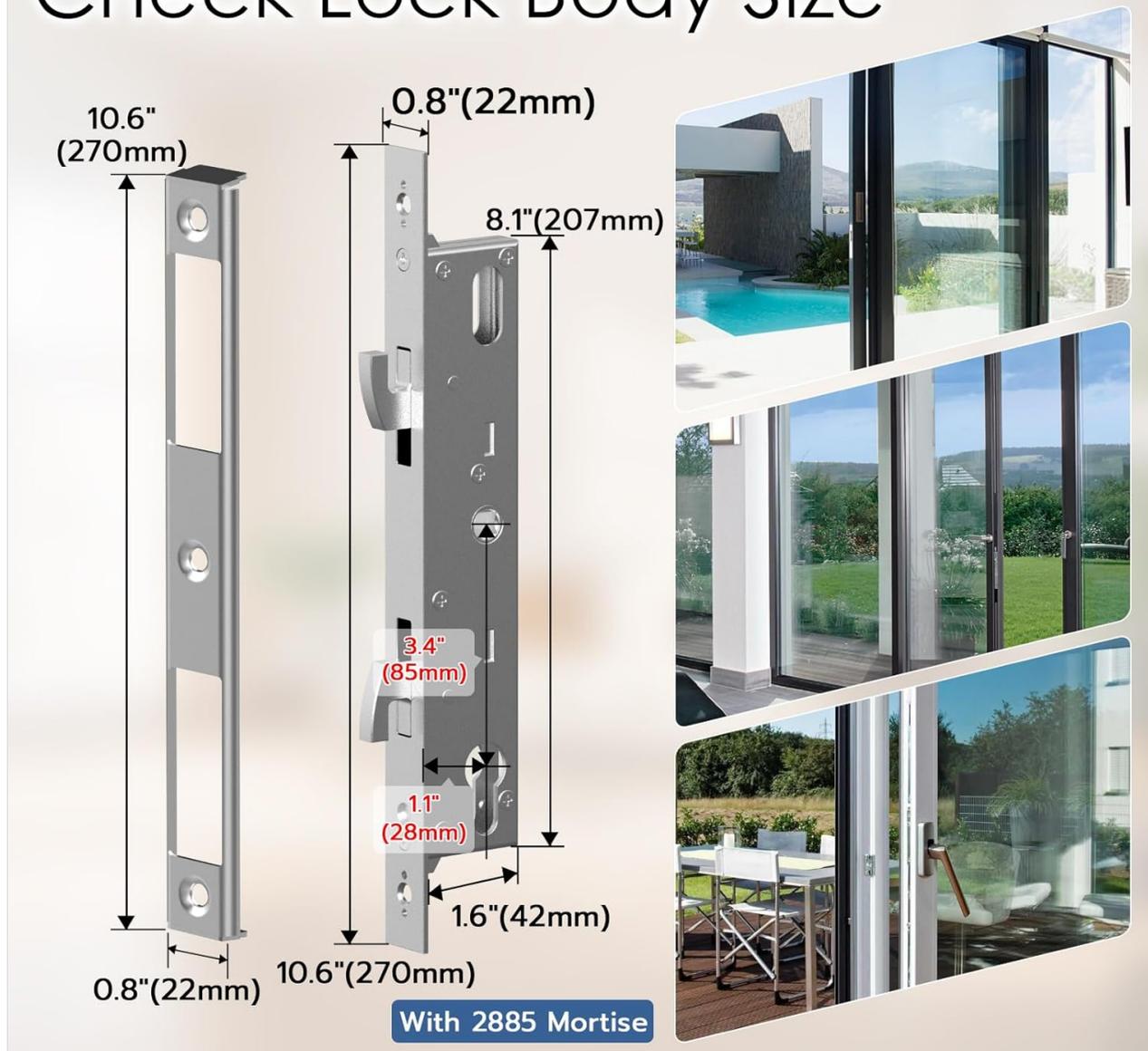


Figure 2: Lock body size and dimensions for 2885 Mortise.

3.2 Installation Steps

The installation process involves preparing the door, assembling the lock components, and securing the unit. Refer to the included user manual for detailed drilling templates and specific hardware requirements based on your door's thickness.

Easy Installation for Sliding Glass Door



Figure 3: Installation of the Dhiedas D208F Smart Lock.

3.3 Installation Video Guide

Your browser does not support the video tag.

Video 1: Official video demonstrating the setup process for the Dhiedas D208F Sliding Glass Door Smart Lock, including unboxing and initial assembly steps.

4. SETUP

After physical installation, configure your smart lock for optimal use.

4.1 App Connection (Tuya APP)

1. Download the Tuya Smart App from your device's app store.
2. Create an account or log in.
3. On the lock keypad, press "*" then "#" to enter function settings.
4. Select '1' to enter Wireless setting and follow the app's instructions to add the device.
5. Ensure your phone's Bluetooth is enabled and the lock is within range.

4.2 User Management

The lock supports up to 300 users. You can add and manage users (administrators and ordinary users) through the Tuya App. Administrators have full control, while ordinary users have access based on permissions set by administrators.

4.3 Adding Fingerprints, Passcodes, and RFID Cards

Follow the instructions within the Tuya App to register new fingerprints, set up unique passcodes, and enroll RFID cards for quick access. Each method provides a secure way to unlock your door.



Figure 4: Multiple unlocking methods for the D208F Smart Lock.

Upgrade 3D Fingerprint Sensor

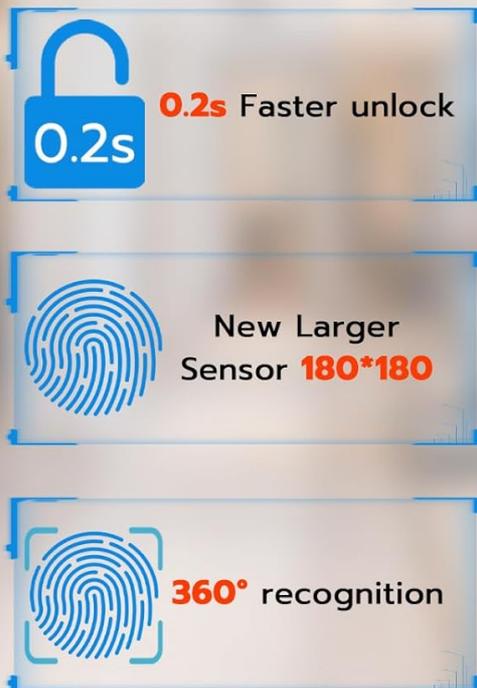


Figure 5: Upgraded 3D Fingerprint Sensor features.

5. OPERATING INSTRUCTIONS

5.1 Unlocking the Door

- **Fingerprint:** Place your registered finger on the sensor.
- **Passcode:** Enter your registered passcode on the keypad, followed by '#'.
- **RFID Card:** Tap your registered RFID card on the card reader area.
- **Mobile App:** Open the Tuya App and select the unlock function for your device.
- **Mechanical Key:** Insert the backup key into the keyhole and turn to unlock.

5.2 Remote Unlocking

To remotely unlock the door for a visitor, instruct them to press '9' then '#' on the lock's keypad. You will receive a notification on your Tuya App, allowing you to approve the unlock request with a single tap. No Wi-Fi or additional gateway is required for this feature.

Remote one-button unlocking

Press "9" + "#" to remote unlock



Figure 6: Remote one-button unlocking via mobile app.

6. MAINTENANCE

6.1 Battery Replacement

The lock is powered by 4 AAA batteries (not included). It features a low battery reminder to alert you when replacement is needed. Replace all four batteries simultaneously to ensure consistent power. Do not mix old and new batteries.

6.2 Emergency Power

In case of complete battery depletion, use the emergency USB-C charging port to temporarily power the lock and gain access. This port is for emergency power only and does not charge the internal batteries.

No Battery Anxiety

Low Power Consumption,
Longer Battery Life



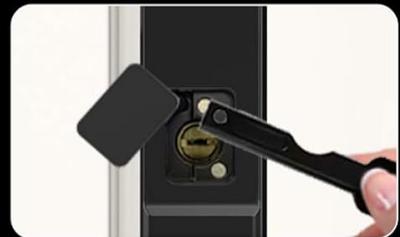
Peace of Mind



Low battery indicator



USB-C Emergency Power



Backup Keys

Tips: For emergency use only. Not support store power.

*Varies depending on the actual usage and environmental factor

Figure 7: Battery and emergency power features.

6.3 Cleaning

Clean the lock's exterior with a soft, dry cloth. Avoid using abrasive cleaners or solvents that could damage the finish or electronic components.

7. TROUBLESHOOTING

- **Lockout after multiple incorrect entries:** The lock will automatically shut down for 90 seconds after 5 invalid entry codes or RFID attempts. Wait for the lockout period to expire before trying again.
- **Tamper Alarm:** The built-in tamper alarm will activate if tampering is detected. Investigate the cause and ensure the lock is securely installed.
- **Fingerprint recognition issues:** Ensure your finger is clean and dry. Re-register your fingerprint if issues persist.
- **App connectivity problems:** Check your phone's Bluetooth connection and ensure the lock is within range. Restart the app or re-pair the device if necessary.
- **Lock not responding:** Check battery levels. If batteries are depleted, use the emergency USB-C power port or mechanical key for access.

8. SPECIFICATIONS

Feature	Detail
Brand	Dhiedas
Model Name	D208F
Lock Type	Biometric, Key Lock, Keypad, Mortise Lock
Special Feature	5-way unlock (App, RFID, fingerprint, passcodes, backup keys), Lockable, Remotely unlock, Waterproof, Touchscreen
Material	Zinc
Color	Black
Finish Type	Polished
Item Dimensions L x W x H	1.5 x 1 x 12.6 inches
Item Weight	5 Pounds
Recommended Uses	Sliding door, glass door, patio door, aluminum alloy doors, mortise door etc.
Controller Type	Android, iOS
Control Method	App, Remote, Touch
Connectivity Protocol	Bluetooth, Wi-Fi
Batteries Required?	Yes (4 AAA batteries, not included)
Included Components	2 Mechanical Keys, 2 RFID Cards, Sliding Glass Door Lock (All Sets), User Manual

9. WARRANTY AND SUPPORT

Dhiedas provides a 12-month warranty for this biometric door lock and free lifetime customer service. If you have any questions about your door handle lock, require assistance with installation, troubleshooting, or need a replacement/refund, please contact Dhiedas customer support.