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XSDTS DF14

XSDTS DF14 Smart WiFi Door Lock User Manual

Model: DF14 (6068-R)

1. INTRODUCTION

Thank you for choosing the XSDTS DF14 Smart WiFi Door Lock. This advanced digital lock integrates multiple security and convenience features, including 3D facial recognition, fingerprint scanning, password entry, smart card access, and traditional mechanical key unlocking. It also features a built-in intercom, doorbell, and tamper alarm, providing real-time monitoring and communication via the Tuya App. This manual provides detailed instructions for installation, operation, and maintenance to ensure optimal performance and security.



Figure 1.1: XSDTS DF14 Smart WiFi Door Lock with its integrated screen and facial recognition capabilities, alongside a smartphone displaying the remote unlocking interface.

2. PRODUCT FEATURES

- **Multi-Method Unlocking:** Supports 3D facial recognition, fingerprint, password, smart card, mechanical key, and Tuya App remote unlocking.
- **Integrated Intercom & Doorbell:** Real-time video communication with visitors via the built-in screen and Tuya App.
- **3D Facial Recognition:** Advanced 3D facial scanning for secure and convenient access, preventing spoofing from photos or videos.
- **High-Speed Fingerprint Recognition:** Unlocks in less than 0.5 seconds with a success rate of 99.9%. Supports up to 110 fingerprint entries.
- **Anti-Peeping Password:** Allows entry of random digits before or after the correct password to prevent onlookers from guessing your code.
- **Automatic Locking:** Ensures the door is securely locked after closing.
- **Wide-Angle Peephole Camera:** Provides a broad view of the area outside your door, visible on the lock's screen and via the app.
- **Tuya App Integration:** Remote unlocking, real-time monitoring, unlock record query, and push notifications for doorbell

presses and tamper alerts.

- **Rechargeable Lithium Battery:** Built-in battery provides approximately 3 months of operation on a single charge. Features low battery indicator.
- **Durable Construction:** Made from aluminum material, designed for long-term use.



Figure 2.1: Overview of the multiple unlocking methods supported by the DF14 Smart Lock, including 3D facial recognition, fingerprint, password, magnetic card, temporary password, mechanical key, and mobile application.



Figure 2.2: Details on the fingerprint recognition algorithm, highlighting its speed (less than 0.5s), low false recognition rate (less than 0.01%), and high success rate (99.98%).



Figure 2.3: Explanation of the 3D facial recognition feature, emphasizing its ability to authenticate against live faces and not be fooled by photos, videos, or 3D models.

3. PACKAGE CONTENTS

Please verify that all components are present and in good condition upon opening the package. If any items are missing or damaged, please contact customer support.

- Front Panel x 1
- Rear Panel x 1
- Mortise Lock Body x 1 (optional, depending on purchase)
- Smart Card x 4
- Mechanical Key x 2
- Screw Kit x 1

Como selecionar qual terno de tamanho mortise para você?

Se você não entender, consulte o serviço ao cliente primeiro



1

Meça a espessura da moldura da porta



2

Meça o comprimento da peça guia



3

Meça a largura da peça guia



4

Porta para lidar com o centro



5

Distância do orifício do parafuso do painel traseiro



Este tamanho é 22 * 235 (60 85)

please measure your old mortise lock of this 3 data.

selecione o tamanho correspondente que será muito fácil de substituir o novo bloqueio.

Nós temos 24+ tamanho da diferença para escolher

Figure 4.1: Guide for measuring your door and existing mortise lock to ensure compatibility and proper selection of the DF14 mortise size.

4.2 Installation Steps (Overview)

1. Install the mortise lock body into the door.
2. Connect the cables from the front panel to the rear panel.
3. Secure the front and rear panels to the door using the screw kit.
4. Install the battery and close the battery cover.
5. Perform initial setup and calibration as per the on-screen instructions (menu and voice prompts are in English).

Note: Detailed step-by-step installation instructions with diagrams are provided in the physical manual included with your product.

5. OPERATING INSTRUCTIONS

5.1 Initial Setup and User Management

1. Upon first power-on, follow the voice prompts to set up the administrator password and fingerprint.
2. Access the lock's menu (via the screen) to add additional users, fingerprints (up to 110), facial profiles, passwords, and smart cards.
3. Ensure to register all desired unlocking methods for each user.

5.2 Unlocking the Door

- **3D Facial Recognition:** Stand in front of the lock, align your face with the camera. The lock will automatically recognize and unlock.
- **Fingerprint:** Place your registered finger on the fingerprint sensor. The lock will unlock rapidly.
- **Password:** Enter your password followed by the '#' key. For enhanced security, you can enter random digits before or after your actual password (anti-peeping feature).
- **Smart Card:** Tap your registered smart card against the card reader area on the lock.

- **Mechanical Key:** In case of emergency or battery depletion, insert the mechanical key into the hidden keyhole and turn to unlock.
- **Tuya App Remote Unlock:** Open the Tuya App on your smartphone. When someone presses the doorbell, you will receive a video call. You can then view the visitor and remotely unlock the door.

5.3 Tuya App Functions

The Tuya App provides comprehensive control and monitoring capabilities:

- **Remote Unlocking:** Grant access from anywhere.
- **Real-time Video Communication:** See and speak to visitors at your door.
- **Unlock Records:** View a history of all door unlock events, including method and time.
- **Message Promotion:** Receive notifications for doorbell presses, low battery, and tamper alerts.
- **Smart Scene Linkage:** Integrate with other Tuya-compatible smart home devices.



Figure 5.1: Illustration of the Tuya App's smart control features, including mobile unlocking, temporary password generation, door opening records, and alert messages.

6. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your smart lock.

- **Cleaning:** Use a soft, dry cloth to clean the lock's surface. Avoid abrasive cleaners or solvents that could damage the finish or electronic components.
- **Battery Charging:** When the low battery indicator appears, connect the lock to a power source using the provided charging cable. A full charge typically lasts about 3 months.
- **Sensor Care:** Keep the fingerprint sensor, facial recognition camera, and screen clean and free of dust or smudges for accurate operation.
- **Mechanical Key:** Store the mechanical keys in a safe place outside the property for emergency access.
- **Firmware Updates:** Check the Tuya App periodically for any available firmware updates for your lock to ensure you

have the latest features and security enhancements.

7. TROUBLESHOOTING

If you encounter issues with your XSDTS DF14 Smart Lock, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Lock not responding / No power	Battery is depleted.	Charge the lock's battery. Use the mechanical key for immediate access if needed.
Fingerprint recognition fails repeatedly	Fingerprint sensor is dirty; Finger not placed correctly; Fingerprint not registered or damaged during registration.	Clean the sensor with a soft cloth. Ensure full finger contact. Re-register your fingerprint if the issue persists.
Facial recognition fails	Camera lens is dirty; Lighting conditions are poor; Face not aligned correctly; Facial profile not registered.	Clean the camera lens. Ensure adequate lighting. Re-align your face. Re-register your facial profile.
Doorbell rings continuously or erratically	Possible sensor malfunction or wiring issue.	Check for any obstructions around the doorbell button. If the issue persists, contact customer support.
Cannot connect to Tuya App / App shows offline	WiFi signal is weak or disconnected; Lock is too far from router; App settings incorrect.	Ensure strong WiFi signal at the door. Restart your router. Reconfigure WiFi settings in the lock and app.
Lock makes continuous noise after charging	Internal mechanical issue or sensor error.	This indicates a potential hardware fault. Disconnect power if possible and contact customer support immediately.

If the problem persists after attempting these solutions, please contact XSDTS customer support for further assistance.

8. SPECIFICATIONS

Feature	Specification
Model	DF14 (6068-R)
Brand	XSDTS
Material	Aluminum
Color	Black
Unlock Methods	3D Facial Recognition, Fingerprint, Password, Smart Card, Mechanical Key, Tuya App
Fingerprint Capacity	Up to 110 biometrics
Door Thickness Compatibility	35mm - 110mm
Power Source	Rechargeable Lithium Battery

Feature	Specification
Battery Life (Approx.)	3 months per full charge
Special Features	Anti-peeping password, Automatic locking, Low battery indicator, Intercom, Doorbell, Tamper alarm
Dimensions (L x W x H)	7.5 x 44 x 7.5 cm (Product); 50 x 32 x 12 cm (Package)
Weight	4 kg

9. WARRANTY AND SUPPORT

For information regarding the product warranty, please refer to the documentation provided at the time of purchase or contact the seller directly. XSDTS is committed to providing quality products and customer satisfaction.

If you require technical support or have questions not covered in this manual, please reach out to the retailer or the official XSDTS customer service channels. Please have your product model (DF14) and purchase details ready when contacting support.