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QttyElok F20tuya Kit

QttyElok F20tuya Kit Bluetooth Tuya Door Access Control System User Manual

Model: F20tuya Kit | Brand: QttyElok

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your QttyElok F20tuya Kit Bluetooth Tuya Door Access Control System. This system offers multiple secure access methods including Bluetooth Tuya APP, NFC, fingerprint, RFID card, and password. It is designed for reliable performance in various environments.

1.1 Package Contents

- Access Control Keypad (IP68 Waterproof)
- Power Supply Unit (DC12V)
- Door Exit Button
- 10 x RFID Keyfobs
- Mounting Hardware (screws, anchors)
- Wiring Harness

2. PRODUCT FEATURES

- **Multiple Access Methods:** Supports Tuya APP, Mobile phone NFC, Fingerprint, RFID Card, and Password.
- **High User Capacity:** Stores up to 100 users.
- **Durable Design:** Made of high-quality plastic with a touch screen panel.
- **Weatherproof:** IP68 waterproof rating for outdoor use.
- **Integrated Doorbell:** Features a doorbell button for connection to a wired doorbell.
- **Backlight:** Keypad includes a backlight for visibility in low-light conditions.
- **Record Query:** Supports 10,000 record queries for access logs.
- **Bluetooth Connectivity:** Allows remote control and management via Tuya APP.



Image: The access control keypad displaying its key features including Tuya app compatibility, Bluetooth, IP68 waterproof rating, and NFC support.

IP68 waterproof



Image: The access control keypad shown under simulated rain, illustrating its IP68 waterproof capability for outdoor installation.

3. SPECIFICATIONS

Specification	Detail
Brand	QttyElok
Model Number	F20tuya Kit
Power Source	Corded Electric, DC12V
Input Voltage (Power Supply)	110~240VAC
Output Voltage (Power Supply)	DC12V
Momentary Current (Power Supply)	3A
Time Delay (Power Supply)	0~15 seconds (adjustable)

Specification	Detail
Compatible Devices	Smartphone (Tuya APP)
Connectivity Technology	Wireless (Bluetooth)
Installation Type	Surface Mount (Self-Adhesive/Screw)
Alert Type	Motion
Item Weight	1.45 Pounds
Product Dimensions	7.87 x 1.97 x 3.94 inches
RFID Frequency	13.56MHz
Smart Home Compatibility	Tuya Smart Home Compatible

4. SETUP & INSTALLATION

4.1 Wiring Diagram

Carefully follow the wiring diagram below to connect the access controller, power supply, and exit button. Ensure all connections are secure and correct before applying power. This kit does not include an electric lock, which must be purchased separately and integrated according to its specific wiring requirements.

Wiring diagram:

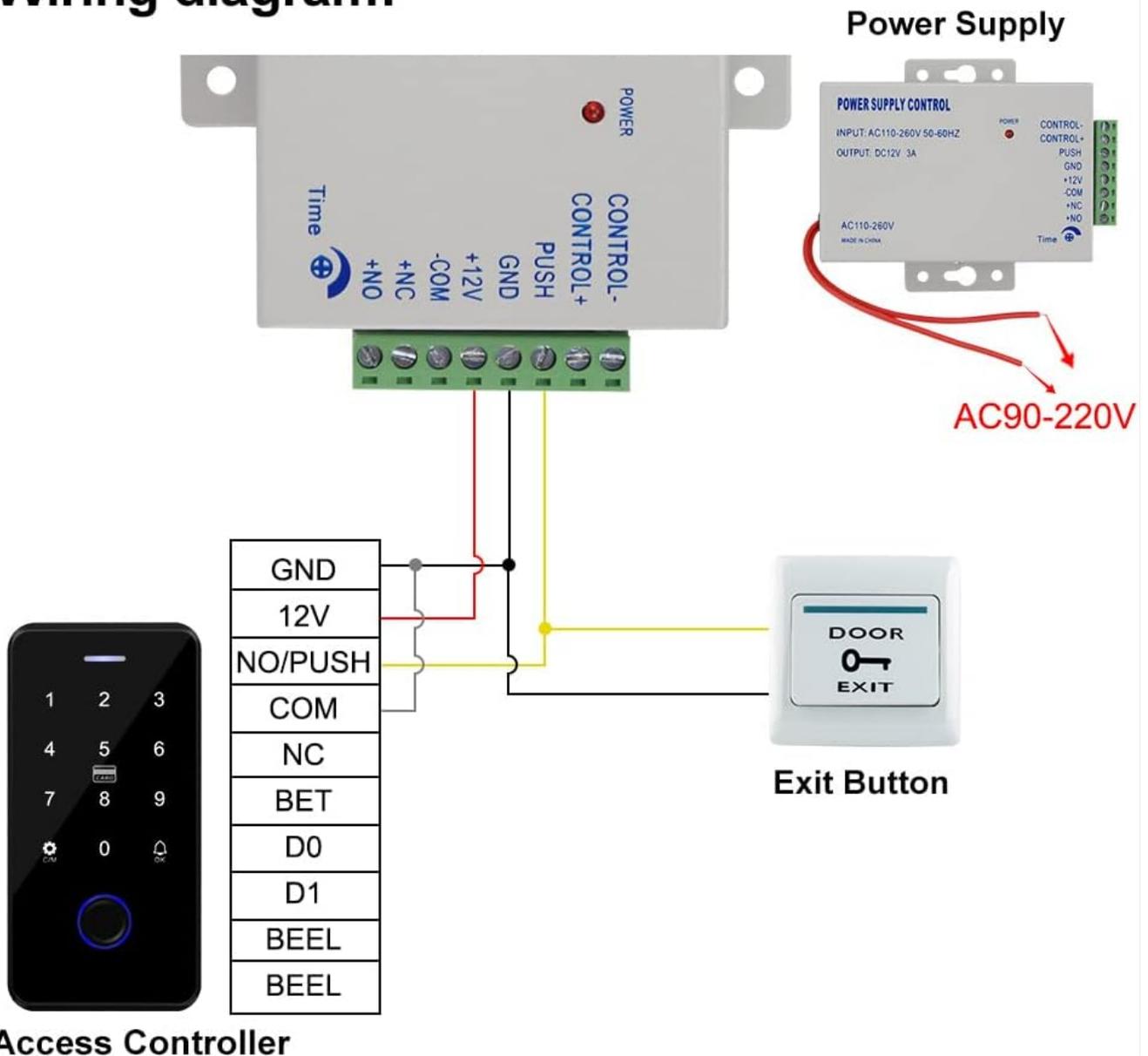


Image: A detailed wiring diagram illustrating how to connect the access control keypad, the DC12V power supply, and the door exit button. The diagram shows color-coded wires for GND, 12V, NO/PUSH, COM, NC, BET, D0, D1, and BELL connections.

4.2 Tuya APP Setup

The QtyElok F20tuya Kit integrates with the Tuya Smart APP for convenient management and remote unlocking. Follow these steps to set up the app:

1. Download the Tuya Smart APP from your smartphone's app store or by scanning the QR code provided in the product packaging. You can also visit smart.tuya.com/download.
2. Register or log in to your Tuya Smart account.
3. Ensure Bluetooth is enabled on your smartphone.
4. Open the Tuya Smart APP and click "Add Device" or the "+" icon.
5. The app should automatically discover the access control keypad (FB61). Click "Add" to pair.
6. Once added, click "Done".
7. You can change the lock language to English within the app settings.

Bluetooth Tuya APP Remotely Control

This access keypad supports to pair with Tuya APP on mobile phone via Bluetooth communication. Don't need gateway.

With this function, you can open your door with mobile phone APP.

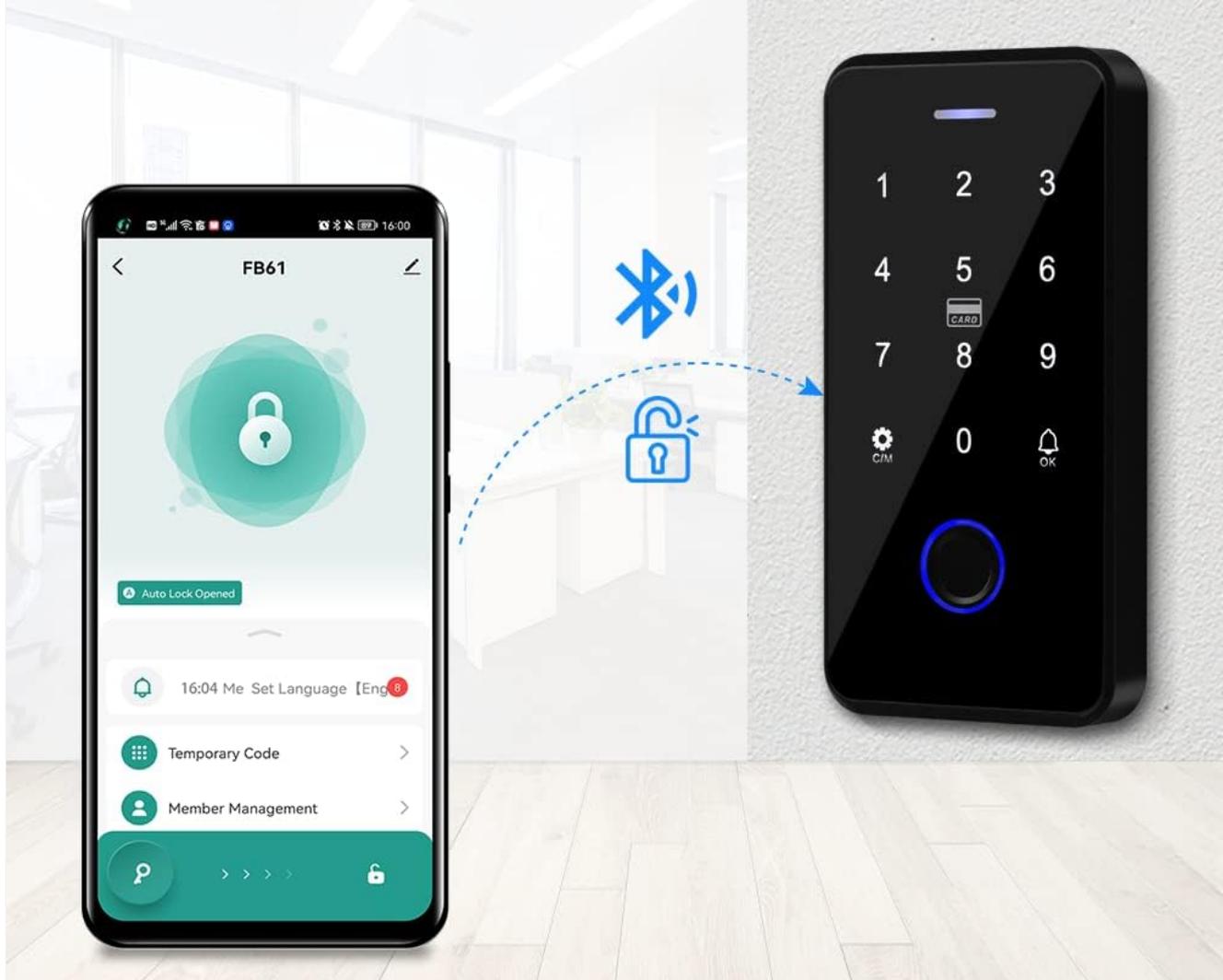


Image: A smartphone screen showing the Tuya Smart app interface, indicating a successful Bluetooth connection to the access control keypad for remote management.

4.3 Installation Video Guide

For a visual guide on the installation and initial setup, please refer to the official operation video below:

Your browser does not support the video tag.

Video: An official operation video demonstrating the setup and various unlocking methods of the QttyElok Access Control Keypad, including adding users and using the Tuya app.

5. OPERATION

5.1 Adding Users (Fingerprint, Password, RFID Card)

To add new users, navigate to the "Family" section within the Tuya Smart APP. From there, you can add administrators and ordinary members, assigning them different access credentials.

- **Adding Fingerprint:** Click "Fingerprint Add" in the app. Follow the on-screen prompts to place and remove your finger on the keypad's fingerprint recognition area several times until successfully registered.

- **Adding Password:** Click "Password Add" in the app. Enter a 6-digit code and save it. You can also generate a random password.
- **Adding RFID Card:** Click "Card Add" in the app. Swipe the RFID keyfob on the access control keypad's card recognition area within the specified time. Click "OK" in the app once added.

Support Fingerprint, RFID Card, NFC, Password, Tuya APP to open the door

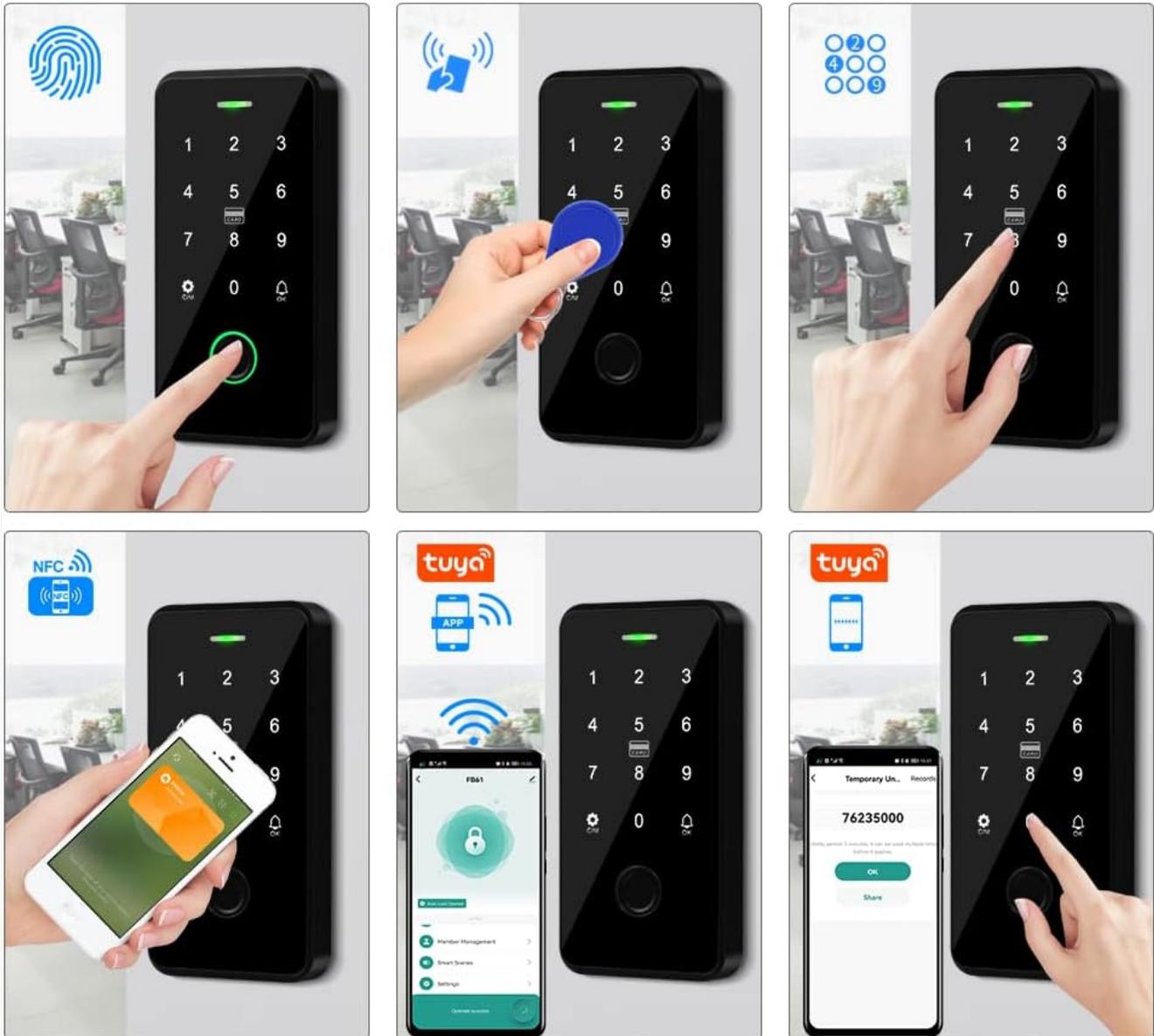


Image: A composite image demonstrating various methods to unlock the door, including fingerprint scan, RFID card tap, NFC via smartphone, manual password entry on the keypad, and unlocking through the Tuya app interface.

5.2 Unlocking Methods

- **Fingerprint Unlocking:** Place your registered finger on the fingerprint sensor. The lock will open if recognized.
- **Password Unlocking:** Enter your registered 6-digit password on the keypad, then press the 'OK' button.
- **RFID Card Unlocking:** Swipe your registered RFID keyfob over the card recognition area on the keypad.
- **Tuya APP Unlocking:** Open the Tuya Smart APP, select your device, and press the "Unlock" icon. You can also set temporary or periodic passwords through the app.
- **NFC Unlocking:** Tap your NFC-enabled smartphone (with the Tuya app configured) on the keypad's NFC recognition area.

5.3 Viewing Access Records

The Tuya Smart APP allows you to view a detailed log of all unlocking events, including the method used (fingerprint, password, card, Bluetooth) and the time. This feature helps monitor access to your premises.

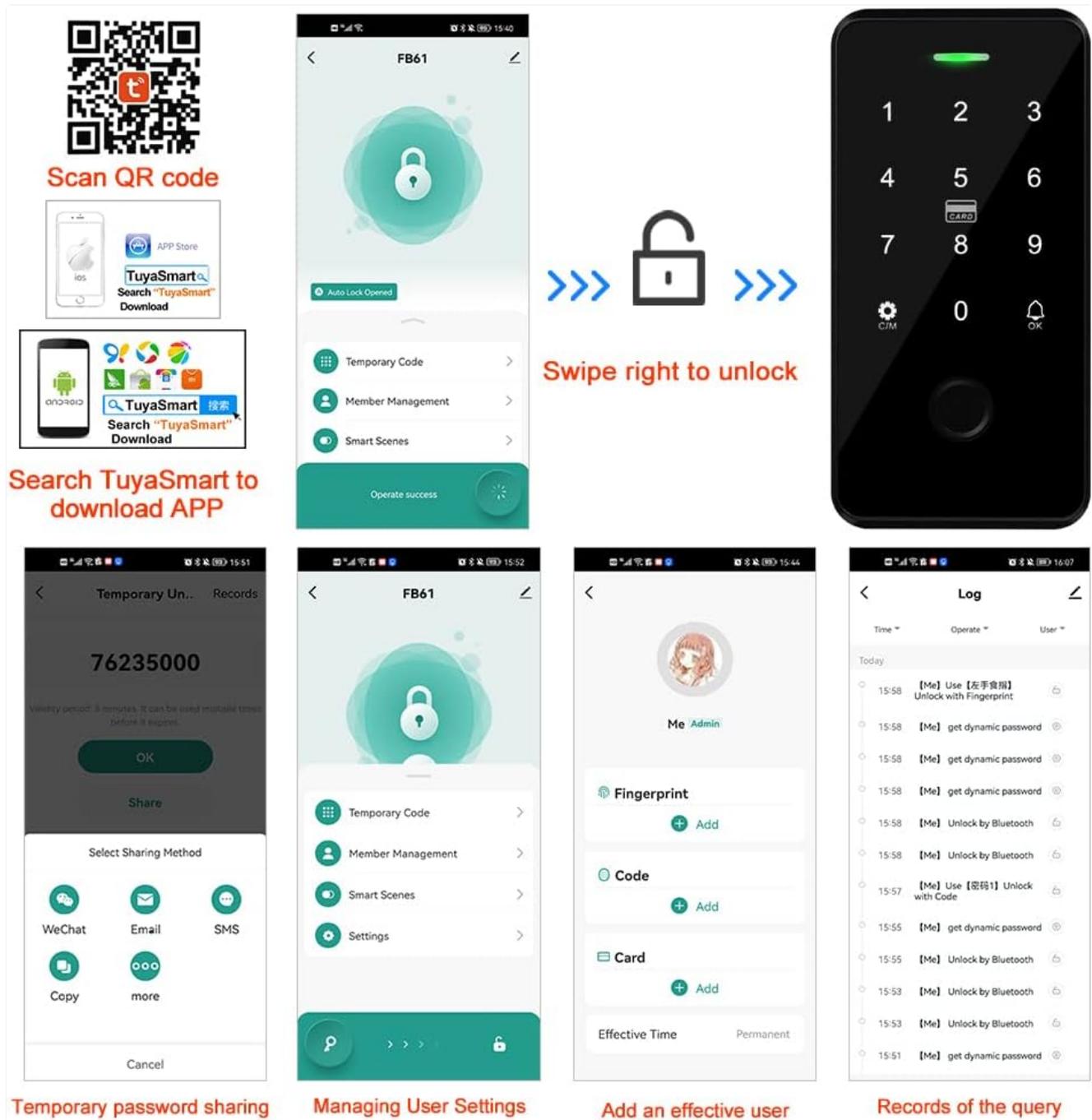


Image: The Tuya Smart app interface showing options for temporary password sharing, managing user settings, adding new users (fingerprint, code, card), and viewing a log of access records.

6. MAINTENANCE

- **Cleaning:** Use a soft, damp cloth to clean the keypad surface. Avoid abrasive cleaners or solvents that could damage the finish or electronic components.
- **Waterproof Rating:** The keypad is IP68 rated, meaning it is protected against dust and can withstand immersion in water up to 1.5 meters for 30 minutes. However, avoid prolonged submersion or high-pressure water jets.
- **Regular Checks:** Periodically check all wiring connections for tightness and signs of wear. Ensure the power supply unit is in a dry, protected location.
- **Software Updates:** Keep your Tuya Smart APP updated to ensure optimal performance and access to the latest features and security enhancements.

7. TROUBLESHOOTING

- **Keypad Not Responding:** Check the power supply connections. Ensure the unit is receiving power.
- **Fingerprint/Card/Password Not Recognized:** Ensure the fingerprint is placed correctly, the card is swiped properly, or the password is entered accurately. Re-register the credential if issues persist.
- **Tuya APP Connectivity Issues:** Ensure Bluetooth is enabled on your phone and the keypad is within range. Restart the app or re-pair the device if necessary.
- **Lock Not Unlocking:** Verify all wiring connections, especially to the electric lock (if installed). Check the power supply output.
- **No Access Records in App:** Ensure the keypad is properly connected to the Tuya app and has a stable Bluetooth connection.

If you encounter persistent issues, refer to the detailed troubleshooting section within the Tuya Smart APP or contact customer support.

8. WARRANTY & SUPPORT

This product comes with a standard manufacturer's warranty. For specific warranty details, please refer to the documentation included with your purchase or contact QttyElok customer support. For technical assistance, troubleshooting, or replacement parts, please reach out to the seller or manufacturer directly.