

## QDVOPHZA w0u5903wei

# Biometric Electronic Door Lock User Manual

MODEL: Z13 (22x147)

## Introduction

This manual provides comprehensive instructions for the installation, operation, and maintenance of your QDVOPHZA Biometric Electronic Door Lock. This smart lock integrates advanced biometric fingerprint technology, digital keypad access, RFID card unlocking, Tuya App remote control, and traditional key access to provide a secure and convenient entry solution for your home or office.

Please read this manual thoroughly before installation and use to ensure proper function and to maximize the lifespan of your device. Keep this manual for future reference.

## Safety Information

- Do not attempt to disassemble or repair the lock yourself. Refer to qualified technicians for service.
- Use only the specified battery type and ensure correct polarity during installation.
- Avoid exposing the lock to direct water spray or extreme temperatures.
- Regularly check battery levels and replace batteries promptly when indicated to prevent lock-out.
- Keep physical keys in a secure location outside the property.
- Ensure all user codes and fingerprints are properly registered and managed.

## **Product Overview and Components**

The QDVOPHZA Biometric Electronic Door Lock features a sleek black design with an integrated digital keypad and fingerprint sensor. It is designed for easy integration into modern home aesthetics.



Front view of the QDVOPHZA Biometric Electronic Door Lock, showing the keypad, fingerprint sensor, and handle.

# Size:22x147 (5050)



22x147(5050)



5\* Cartoes inteligentes

Diagram illustrating the dimensions of the lock body and the included smart cards.

## Key Features:

- **Biometric Fingerprint Recognition:** Fast and secure access with a recognition speed of <math><0.5\text{s}</math> and a 99.9% success rate.
- **Digital Keypad:** For password entry, including a virtual password function to prevent peeping.
- **RFID Card Access:** Convenient unlocking using encrypted RFID cards.
- **Tuya App Control:** Remote unlocking and management via the Tuya Smart application.
- **Mechanical Key Override:** Traditional key access for emergency situations.

## Setup and Installation

Installation of the QDVOPHZA Biometric Electronic Door Lock requires basic tools and adherence to the provided templates (if included in packaging). It is recommended to have professional installation if you are unfamiliar with door lock mechanisms.

### **Pre-installation Checklist:**

1. Verify door thickness and backset measurements match lock specifications.
2. Ensure all components are present as per the package contents list.
3. Prepare necessary tools: screwdriver, drill, measuring tape, pencil.

### **General Installation Steps (Consult detailed diagram for specifics):**

1. Install the mortise lock into the door edge.
2. Mount the front panel of the lock, ensuring cables are routed correctly.
3. Connect the cables to the rear panel.
4. Secure the rear panel to the door.
5. Install batteries into the battery compartment.
6. Test the lock's functionality with the mechanical key before programming.

### **Operating Instructions**

Your smart lock offers multiple ways to unlock, providing flexibility and convenience.

# 5 Unlock Methods



Fingerprint  
Unlock



Password  
Unlock



RFID Card  
Unlock



TUYA APP  
Unlock



Key  
Unlock



Visual representation of the five available unlocking methods.

## 1. Fingerprint Unlock

# Semiconductor Fingerprint Recognition

Built-in semiconductor fingerprint recognition refuse to copy the prosthesis fingerprint



**>0.5s**  
Recognition Speed



**99.9%**  
Success Rate



**Abrasion  
resistance**  
Over 1 Million Uses



Details on the semiconductor fingerprint recognition technology.

- **Registration:** Follow the instructions in the Tuya App or the lock's voice prompts to register new fingerprints. Place your finger firmly on the sensor multiple times from different angles.
- **Unlocking:** Place your registered finger on the fingerprint sensor. The lock will unlock if the fingerprint is recognized.

## 2. Password Unlock

# VIRTUAL PASSWORD

Protect password from prying eyes

Enter any random  
digital numbers

\* \* \* \* \*

Enter the correct  
password continuously

999999

Enter any random  
digital numbers

\* \* \* \* \*

Unlock



How to use the virtual password feature for enhanced security.

- **Registration:** Set up user passwords via the Tuya App or the lock's programming menu.
- **Unlocking:** Enter your registered password on the keypad, followed by the '#' key.
- **Virtual Password:** To prevent others from peeping your password, you can enter any random digits before and after your actual password. For example, if your password is 123456, you can enter 987**123456**012#.

### 3. RFID Card Unlock

# Unlock Via RFID Card

Encryption chip has high security ,Easy to carry prevent copying



Information on the secure encryption and copy protection of RFID cards.

- **Registration:** Register RFID cards through the Tuya App or the lock's programming menu.
- **Unlocking:** Present a registered RFID card to the card reader area on the lock. The lock will unlock upon recognition.

## 4. Tuya App Unlock

- **Setup:** Download the Tuya Smart App from your device's app store. Register an account and add your smart lock device by following the in-app instructions.
- **Remote Unlocking:** Open the Tuya Smart App, select your lock, and tap the unlock button. This feature allows you to grant access remotely.
- **User Management:** Use the app to add, delete, or modify fingerprints, passwords, and RFID cards.
- **Activity Log:** View unlock records and battery status through the app.

## 5. Key Unlock

- **Usage:** In case of battery depletion or electronic malfunction, insert the mechanical key into the hidden keyhole and turn to unlock the door.
- **Important:** Always keep at least one mechanical key in a safe and accessible location outside the property.

## Maintenance

- **Cleaning:** Wipe the lock surface with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Battery Replacement:** Replace all batteries when the low battery warning is indicated. Use high-quality alkaline batteries for optimal performance.
- **Lubrication:** Periodically lubricate the mechanical parts of the mortise lock with a graphite-based lubricant (do not use oil-based lubricants).
- **Firmware Updates:** Check the Tuya App regularly for any available firmware updates for your lock to ensure optimal performance and security.

## Troubleshooting

Problem	Possible Cause	Solution
Lock does not respond.	Dead batteries.	Replace batteries. Use mechanical key for immediate access.
Fingerprint not recognized.	Finger wet/dirty, unregistered fingerprint, sensor dirty.	Clean finger/sensor. Re-register fingerprint if necessary. Try another registered finger.
Password not working.	Incorrect password, not ending with '#', password not registered.	Ensure correct password and '#' key. Register password if new.
RFID card not working.	Card not registered, card damaged.	Register card. Try another registered card.
Tuya App cannot connect to lock.	Bluetooth/Wi-Fi off, lock not paired, app issues.	Ensure Bluetooth/Wi-Fi is on. Re-pair lock with app. Restart app/phone.

## Specifications

Feature	Detail
Brand	QDVOPHZA
Model Name	w0u5903wei (Z13)
Color	22x147 (Black)
Unlocking Methods	Fingerprint, Password, RFID Card, Tuya App, Mechanical Key
Fingerprint Recognition Speed	<0.5 seconds
Fingerprint Success Rate	99.9%

Feature	Detail
Power Source	Batteries (Type not specified, typically AA or AAA)
Connectivity	Bluetooth (for Tuya App)
Material	High-quality materials (durable and reliable)
Item Weight	1.76 ounces (50 Grams)
Country of Origin	China

### Warranty and Support

For warranty information and technical support, please refer to the manufacturer's official website or contact the seller directly. Keep your purchase receipt as proof of purchase for warranty claims.

Manufacturer: w0u5903wei