

Manuals.plus /

› QDVOPHZA /

› QDVOPHZA Tuya WiFi Smart Door Lock H01 TY 180 User Manual

QDVOPHZA H01 TY 180

QDVOPHZA Tuya WiFi Smart Door Lock H01 TY 180 User Manual

Model: H01 TY 180

1. INTRODUCTION

The QDVOPHZA Tuya WiFi Smart Door Lock H01 TY 180 offers advanced security and convenience for your home. This smart lock integrates seamlessly with the Tuya smart platform via WiFi, allowing remote management through a mobile application. It features multiple unlocking methods, including biometric fingerprint recognition, IC card access, mobile app control, and traditional mechanical keys, ensuring flexible and secure entry. Designed with a waterproof construction, it maintains stable performance in various environmental conditions.

Key Features:

- **Tuya WiFi Smart Interconnection:** Remote control and management via mobile APP.
- **Biometric Fingerprint Technology:** High-precision fingerprint recognition for secure and fast unlocking.
- **Waterproof Design:** Ensures stable operation in wet or rainy environments.
- **Multiple Unlocking Methods:** Supports fingerprint, IC card, mobile APP, and mechanical keys.
- **Digital Keyless Design:** Eliminates the need for traditional keys, enhancing security.

2. SETUP AND INSTALLATION

2.1 Package Contents

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

- Front Panel Assembly
- Rear Panel Assembly
- Mortise (Lock Body)
- Strike Plate and Box
- Mounting Screws and Spindles
- Mechanical Keys (2-3 pcs)
- IC Cards (2 pcs)

- User Manual (this document)

2.2 Mortise Selection and Dimensions

Ensure you select the correct mortise size for your door. The H01 TY 180 model typically uses a 5050-180x22 mortise. Refer to the diagram below for detailed dimensions.



Image 1: Mortise dimensions (180mm length, 22mm width, 50mm backset, 50mm center-to-center for handles) and the black smart door lock (front and rear panels).

- **Mortise Length:** 180mm
- **Mortise Width:** 22mm
- **Backset (Edge to Spindle Center):** 50mm
- **Center-to-Center (Spindle to Cylinder):** 50mm

2.3 Door Preparation

Ensure your door is prepared with the correct holes and mortise pocket according to the provided template (usually included in the physical package). If replacing an existing lock, verify that the existing holes align with the H01 TY 180's requirements.

2.4 Mechanical Installation

1. **Install Mortise:** Insert the mortise into the prepared pocket on the door edge and secure it with screws.
2. **Install Spindles:** Insert the square spindles through the mortise.

3. **Connect Cables:** Route the data cable from the front panel through the door to the rear panel side.
4. **Install Front Panel:** Position the front panel, ensuring the spindle and cable pass through correctly.
5. **Install Rear Panel:** Connect the data cable to the rear panel. Align the rear panel with the front panel and secure it with mounting screws.
6. **Install Batteries:** Insert 4 AA alkaline batteries into the battery compartment on the rear panel.
7. **Test Operation:** Test the mechanical function of the handles and deadbolt before closing the battery cover.

2.5 Tuya App Setup

1. **Download App:** Download the "Tuya Smart" or "Smart Life" app from your mobile app store (iOS App Store or Google Play Store).
2. **Register/Login:** Create a new account or log in to your existing account.
3. **Add Device:** In the app, tap "+" to add a new device. Select "Security & Video Surveillance" > "Door Lock (Wi-Fi)".
4. **Connect to Wi-Fi:** Follow the in-app instructions to connect the lock to your 2.4GHz Wi-Fi network. This usually involves putting the lock into pairing mode (refer to the lock's specific instructions for pairing mode activation, often by pressing a button on the rear panel).
5. **Device Naming:** Once connected, name your lock for easy identification.

3. OPERATING INSTRUCTIONS

3.1 User Management (via Tuya App)

All user management, including adding/deleting fingerprints, passcodes, and IC cards, is primarily done through the Tuya Smart app. Open the app, select your lock, and navigate to the "Members" or "Users" section.

3.2 Unlocking Methods

3.2.1 Fingerprint Unlocking

1. **Enroll Fingerprint:** In the Tuya app, go to your lock's settings, select "Fingerprint Management," and follow the prompts to add a new fingerprint. You will be asked to place your finger on the sensor multiple times.
2. **Unlock:** Place your registered finger firmly on the fingerprint sensor located on the handle. The lock will emit a confirmation sound and unlock.

3.2.2 Passcode Unlocking

1. **Set Passcode:** In the Tuya app, go to your lock's settings, select "Passcode Management," and create a new permanent or temporary passcode.
2. **Unlock:** On the lock's keypad, enter your registered passcode followed by the "#" key. The lock will confirm and unlock.
3. *Note:* The lock supports anti-peep passcodes, allowing you to enter random digits before and after your actual passcode to prevent others from guessing it.

3.2.3 IC Card Unlocking

1. **Enroll IC Card:** In the Tuya app, go to your lock's settings, select "IC Card Management," and follow the prompts to add a new card. Present the IC card to the designated sensing area on the lock.
2. **Unlock:** Present the registered IC card to the sensing area on the lock. The lock will confirm and unlock.

3.2.4 Mobile App Unlocking

1. **Remote Unlock:** Open the Tuya app, select your lock, and tap the unlock icon. The lock will unlock remotely, provided it is connected to Wi-Fi.

2. **Temporary Access Codes:** Generate one-time, timed, or recurring access codes for guests or service providers directly from the app.

3.2.5 Mechanical Key Unlocking

In case of emergency, battery depletion, or electronic malfunction, use the provided mechanical keys to unlock the door. Insert the key into the hidden keyhole (usually located at the bottom or front panel) and turn to unlock.

3.3 Locking the Door

- **Automatic Locking:** The lock is designed to automatically lock after a few seconds once the door is closed. This delay can usually be configured in the Tuya app.
- **Manual Locking:** From the inside, you can manually lock the door using the thumb-turn or by lifting the handle (depending on the lock's design). From the outside, after closing the door, the lock will automatically engage.

4. MAINTENANCE

4.1 Battery Replacement

The lock is powered by 4 AA alkaline batteries. When the battery level is low, the lock will provide a low battery warning (audible alert or app notification). Replace all four batteries simultaneously with new, high-quality alkaline batteries. Do not mix old and new batteries or different battery types.

1. Remove the battery cover on the rear panel.
2. Remove the old batteries.
3. Insert new AA alkaline batteries, ensuring correct polarity (+/-).
4. Replace the battery cover.

4.2 Cleaning

Clean the lock's exterior surfaces with a soft, dry cloth. Avoid using abrasive cleaners, solvents, or harsh chemicals, as these can damage the finish and electronic components. Regularly wipe the fingerprint sensor to ensure optimal performance.

4.3 Firmware Updates

Periodically check the Tuya app for available firmware updates for your lock. Keeping the firmware updated ensures optimal performance, security, and access to new features.

5. TROUBLESHOOTING

Problem	Possible Cause	Solution
Lock does not respond (no sound, no lights).	Dead batteries.	Replace all 4 AA alkaline batteries. Use mechanical key for emergency access.
Fingerprint not recognized.	Finger dirty/wet, sensor dirty, unregistered fingerprint, improper placement.	Clean finger and sensor. Ensure finger is dry. Re-enroll fingerprint if necessary. Place finger firmly and completely on the sensor.
Passcode not working.	Incorrect passcode, passcode expired (for temporary codes).	Verify the passcode. Check passcode validity in the Tuya app. Ensure "#" is pressed after the passcode.
IC Card not recognized.	Unregistered IC card, improper placement.	Ensure the IC card is registered. Present the card correctly to the sensing area.
Cannot connect to Tuya App / Remote unlock fails.	No Wi-Fi connection, weak Wi-Fi signal, app issues.	Ensure your home Wi-Fi (2.4GHz) is active and the lock is within range. Restart your router. Re-pair the lock with the app if necessary. Check app permissions.
Lock makes unusual noises or is stiff.	Mechanical obstruction, improper installation, worn parts.	Check for any obstructions around the latch or deadbolt. Re-check installation alignment. If issues persist, contact customer support.

6. SPECIFICATIONS

Brand:	QDVOPHZA
Model Name:	w0u5903wei
Model Number:	w0u5903wei (H01 TY 180 variant)
Color:	H01 TY 180 (Black)
Unlocking Methods:	Fingerprint, Passcode, IC Card, Tuya App, Mechanical Key
Connectivity:	Wi-Fi (2.4GHz)
Power Supply:	4 x AA Alkaline Batteries
Mortise Type:	5050-180x22 (180mm length, 22mm width)
ASIN:	B0DHSB42P

7. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation provided with your purchase or contact the retailer/manufacturer directly. Keep your purchase receipt as proof of purchase for warranty claims.