

QDVOPHZA S1K

QDVOPHZA S1K Smart Cylinder Lock User Manual

Model: S1K-slivery (45 and 45)

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your QDVOPHZA S1K Smart Cylinder Lock. Please read this manual carefully before installation and use to ensure proper function and safety. The S1K model supports multiple unlocking methods including Tuya App, PIN code, IC card, and mechanical key.

2. PRODUCT OVERVIEW

The QDVOPHZA S1K Smart Cylinder Lock offers advanced security and convenience for your home. It integrates various keyless entry options and smart home connectivity via the Tuya App.

2.1 Key Features

- **Multiple Unlocking Methods:** Tuya App, PIN Code, IC Card, Mechanical Key.
- **Smart Connectivity:** Seamless integration with Tuya App for remote control and visitor record checking (requires gateway, sold separately).
- **Enhanced Security:** Advanced encryption and security mechanisms.
- **Adjustable Cylinder Length:** Compatible with 99% of doors, easily replaces existing lock cylinders.
- **Emergency Options:** Mechanical keys and USB emergency power supply.

2.2 Components

Familiarize yourself with the main components of your smart cylinder lock:

THE ADVANTAGE OF THE DEADBOLT SMART CYLINDER



Image: Components of the S1K Smart Cylinder Lock (PIN Code Version). This image highlights the lock knob, card sensing area, password button, USB charging port, and emergency key slot. It also shows the CR123A battery and mechanical keys.

- **Lock Knob:** For manual locking/unlocking from the inside.
- **Card Sensing Area:** For unlocking with IC cards.
- **Password Button:** Keypad for PIN code entry.
- **USB Charging Port:** For emergency power supply (Type-C).
- **Emergency Key Slot:** For unlocking with mechanical keys.
- **Battery Compartment:** Houses the CR123A 3V Li/MnO₂ battery (not included).

3. SETUP AND INSTALLATION

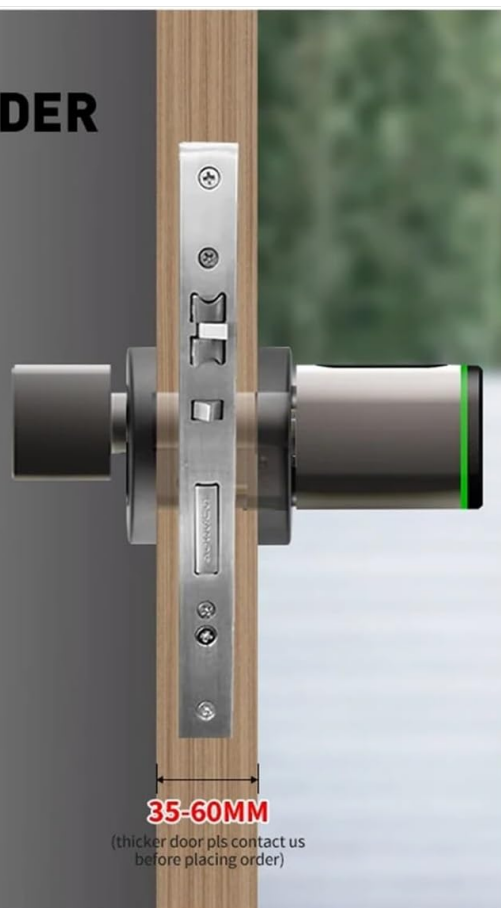
The S1K Smart Cylinder Lock is designed for easy DIY installation, typically taking around 3 minutes without requiring door modification or professional assistance. It is suitable for most doors due to its adjustable cylinder length.

3.1 Checking Cylinder Length

Before installation, ensure the cylinder length is appropriate for your door thickness. The lock supports an adjustable length of 60-90mm. For thicker doors, customized cylinder beams may be required.

PLEASE CHECK CYLINDER LENGTH BEFORE PLACING ORDER

add cylinder length according to different door thickness



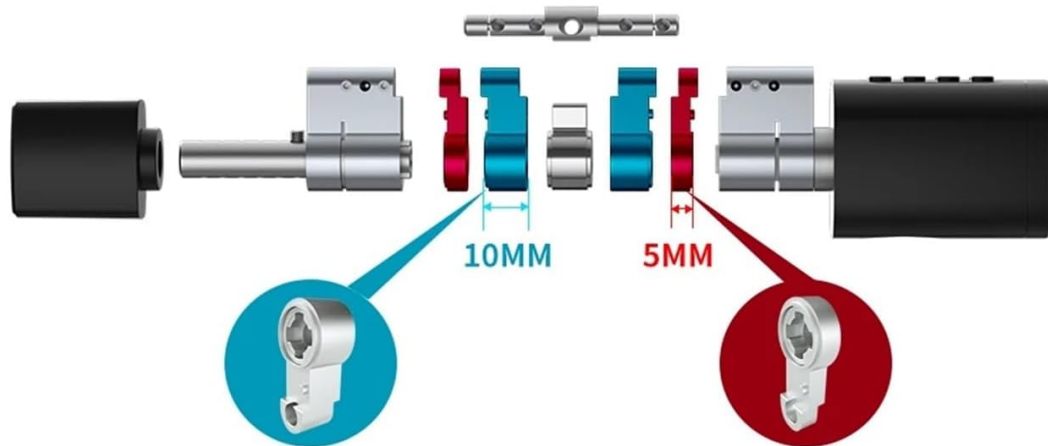
standard
cylinder beam

customized
cylinder beam

Image: Guide for checking and adjusting cylinder length. This image shows the adjustable cylinder and various beam sizes (5mm, 10mm, 20mm) to accommodate different door thicknesses, along with a visual of the lock installed on a door.

ONE CYLINDER BEAM COVERS

60~90MM LENGTH



Add cylinder length according to different door thickness



Image: Exploded view of cylinder beam covers. This image details how different length segments (10mm, 5mm) can be added to adjust the total cylinder length from 60mm to 90mm.

3.2 Installation Steps

1. **Remove Existing Cylinder:** Unscrew and remove your current door cylinder.
2. **Adjust Cylinder Length:** Based on your door thickness, adjust the length of the S1K smart cylinder using the provided beam covers (5mm, 10mm, 20mm) to ensure a snug fit.
3. **Insert Battery:** Open the battery compartment and insert one CR123A 3V Li/MnO2 battery. Ensure correct polarity.
4. **Install Smart Cylinder:** Insert the adjusted smart cylinder into the door.
5. **Secure the Lock:** Fasten the cylinder with the provided screw, ensuring it is securely in place and operates smoothly.
6. **Test Operation:** Use the mechanical key to test the lock's basic functionality.

3.3 Tuya App Setup

To utilize smart features, download the Tuya Smart App from your device's app store. Follow the in-app instructions to add your S1K lock. A Tuya gateway (sold separately) is required for remote control functionality.

4. OPERATING INSTRUCTIONS

The S1K Smart Cylinder Lock offers multiple convenient ways to unlock your door.



Image: Four ways to unlock the smart cylinder lock. This image visually demonstrates unlocking via fingerprint (for S1 model), IC card, Tuya App, and mechanical key.

4.1 Unlocking Methods

- **PIN Code Unlock:** Enter your registered PIN code on the keypad, then press '#' to confirm.
- **IC Card Unlock:** Present a registered IC card to the card sensing area on the lock.
- **Tuya App Unlock:** Open the Tuya Smart App on your smartphone. If connected via a gateway, you can remotely unlock the door. If within Bluetooth range, you can unlock directly via Bluetooth.
- **Mechanical Key Unlock:** Insert the provided mechanical key into the emergency key slot and turn to unlock.

4.2 User Management (via Tuya App)

The Tuya App allows you to manage users, add/delete PIN codes and IC cards, and view access logs.

- **Adding Users:** Follow the in-app instructions to add new PIN codes or IC cards for family members or guests.
- **Temporary Codes:** Generate temporary PIN codes for one-time access or limited durations.
- **Access Records:** View a history of who unlocked the door and at what time, enhancing your

5. MAINTENANCE

5.1 Battery Replacement

The lock is powered by one CR123A 3V Li/MnO2 battery. When the battery level is low, the lock will provide an alert. Replace the battery promptly to ensure continuous operation. Use only recommended battery types.

5.2 Emergency Power

If the battery completely drains, you can use a USB Type-C cable to connect an external power bank to the USB charging port for emergency power, allowing you to unlock the door and replace the battery.

5.3 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.

6. TROUBLESHOOTING

- **Lock not responding:** Check battery level. If low, replace the battery or use emergency USB power.
- **PIN code not working:** Ensure the correct PIN is entered and confirmed with '#'. Verify the PIN code in the Tuya App.
- **IC card not recognized:** Ensure the card is properly registered and placed correctly on the sensing area.
- **App connection issues:** Ensure Bluetooth is enabled on your phone and you are within range. If using remote access, verify the Tuya gateway is powered on and connected to the internet.
- **Mechanical key not working:** Ensure the key is fully inserted and turned correctly. Do not force the key.

7. SPECIFICATIONS

Feature	Specification
Model	S1K
Unlocking Methods	Tuya App, PIN Code, IC Card, Mechanical Key
Working Voltage	CR123A 3V Li/MnO2 Battery (x1)
Static Current	75μA
Working Current	<250mA (Strong Drive)
Card Capacity	50

Card Frequency	13.56Mhz (M1 IC card)
Password Capacity	50
False Reject Rate (FRR)	0.15%
False Accept Rate (FAR)	0.00004%
Working Temperature	-10°C to 60°C
Humidity	20% to 93%
Adjustable Cylinder Length	60mm - 90mm

8. WARRANTY AND SUPPORT

For warranty information or technical support, please contact the manufacturer or your retailer.
Keep your purchase receipt as proof of purchase.

Manufacturer: w0u5903wei

Brand: QDVOPHZA