

Aqara

Product Introduction

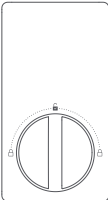
U50 is an IoT-enabled smart lock that supports multiple unlocking methods, such as password, NFC card and Apple Home Key, etc. The door lock can be configured through the Aqara Home app. Along with other Aqara smart devices, it can realize various smart automation for your connected home, and provide you with a convenient and safe experience.

* An Aqara Hub is required. Some functions require specific models of the Aqara Hub. Please visit www.aqara.com/en/support.html for more details.

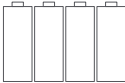
What's in the Box



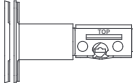
Outer Panel × 1



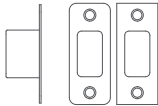
Inner Panel × 1



AA Battery × 4



Deadbolt × 1



Strike Plate Kit × 1



Mounting Plate × 1



User Manual × 1



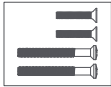
Mechanical Key × 2



Knob Removal Tool × 1



Installation Diagram × 1



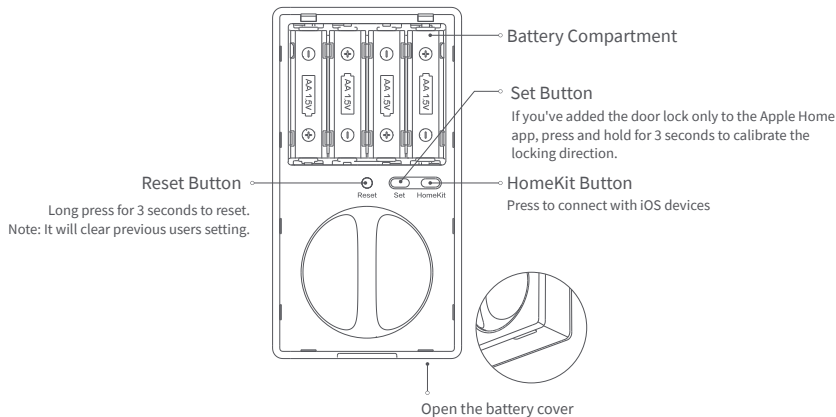
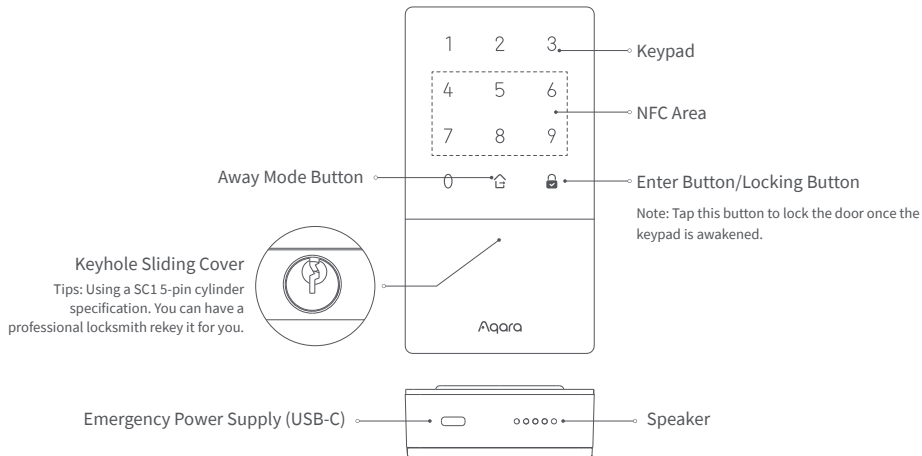
Opposite-Pull Screw Kit × 1



Bolt & Strike Plate Screw Kit × 1



Mounting Plate Screw Kit × 1



Instructions before Installation

Before using this product, you need to download the Aqara Home app and register an account. No such operations are required if you directly connect this product with the Apple Home app, however, unique features such as auto-lock and others will not be able to be experienced.



Aqara Home

Sign up for Aqara Home account, then add Smart Lock U50 and follow the app installation tutorial to install.



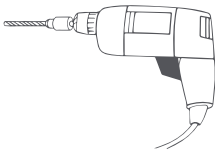
Installation Videos

Or scan the following QR code to check the installation video.

A PH1 standard Phillips head screwdriver is required for installation.



Tools necessary only for new doors or adjusting existing door holes: Drill, Hole Saws, Wood Mortise Chisel, Pencil, Tape Measure, Level



Drill



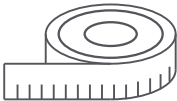
Hole Saws



Wood Mortise
Chisel



Pencil



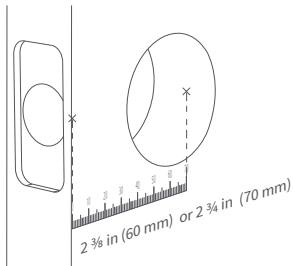
Tape Measure



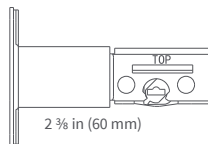
Level

Device Installation

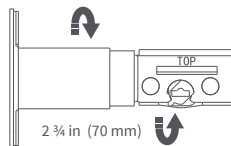
1. Measure the backset: the distance from the edge of the door to the center of the deadbolt hole. It should be 2 $\frac{3}{8}$ in (60 mm) or 2 $\frac{3}{4}$ in (70 mm).



2. Adjust the latch according to the measurements.

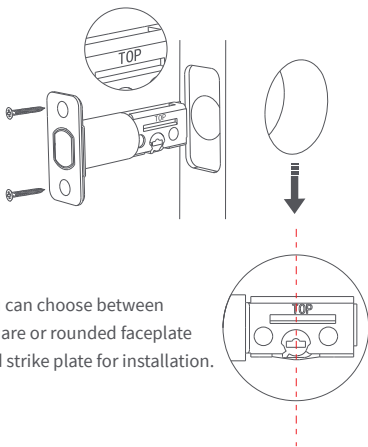


Install directly if it's 2 $\frac{3}{8}$ in (60mm)



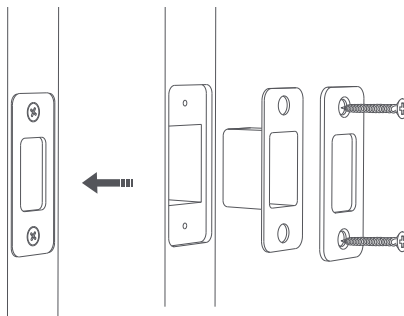
If it's 2 $\frac{3}{4}$ in (70mm), rotate the latch 180 degree to extend the length.

3. Fix the latch. Make sure that the "TOP" is facing up.

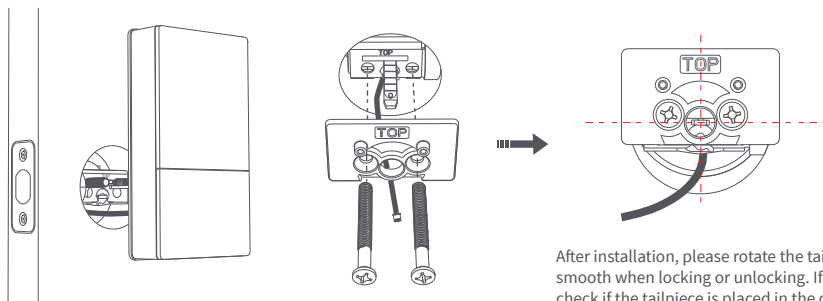


You can choose between square or rounded faceplate and strike plate for installation.

4. Install the strike plate to the door frame.

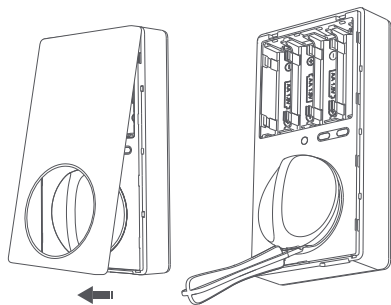


5. Pass the outer panel connector cable through the deadbolt inside the door and strengthen the outer panel with the mounting plate and opposite-pull screw.

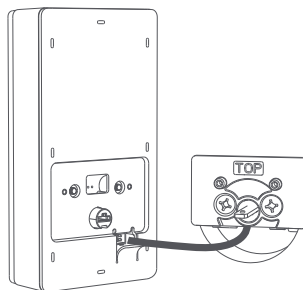


After installation, please rotate the tailpiece to check if it is smooth when locking or unlocking. If there is a jam, please check if the tailpiece is placed in the center of the mounting plate opening and if there is no interference with other parts.

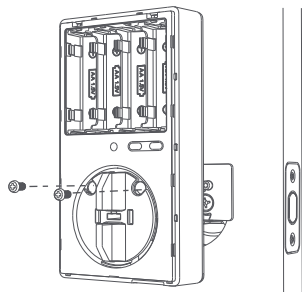
6. Remove the battery cover, then take off the knob cover with the removal tool.



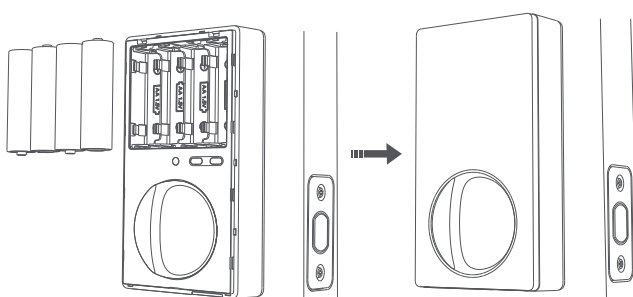
7. Fix the connector cable of the outer panel to the inner panel.



8. Fix the inner panel to the mounting plate indoors and cover the knob.



9. Once the battery installed successfully, a voice prompt will be played to indicate the installation is completed.



Preparation before Use

1. A smartphone or tablet that supports Wi-Fi or a cellular network (with iOS or Android system) is required.
2. Please make sure that there is a 2.4G Wi-Fi connection and your internet connection is stable.
3. Please open the battery cover and put in 4 AA batteries

Note: It is recommended to use original batteries or alkaline batteries, as others may leak and thus cause damage to the product when used for a long time. [Warning] Please replace the battery when it is low. Otherwise, verification and door opening will fail when the battery runs out. In this case, you can charge the lock with USB-C emergency power supply or unlock with the key.

4. Long press the "Reset" button for 3 seconds, and release the button after you hear the voice prompt. Then the reset completes.

Notes: The door lock cannot be locked normally as the user information will be cleared after reset. Please set the door lock by following instructions as soon as possible.

Device Binding & Initialization

Download the Aqara Home app: Search for "Aqara Home" in the Apple App Store or Google Play. Or scan the following QR code to download the Aqara Home app.



Open the app, tap "+" in the upper right corner of the homepage to enter the page of "Add the device". Choose "Smart Lock U50" and then install the door lock device according to the instructions.

The actual operations are subject to change due to the updates of the Aqara Home app. Please following the instructions of the app.

Add the User

Enter the page of the door lock device and add the door lock owner according to the instructions on the app.

Notes: The door lock cannot be locked normally without adding users.

Add the Device to HomeKit (for iOS users)

After the door lock is powered on for the first time, click "+" at the upper right corner of the Apple Home app in the iOS, select "Add Accessory" or open Aqara Home app. Tap "Bind HomeKit" in the "General Settings" column of the setting on the detail page of the door lock. Scan or manually input the HomeKit code as prompted (HomeKit code can be found when you open the battery cover of the indoor door lock). Then add users according to the instructions. HomeKit only supports the lock and unlock, smart automation setting and Apple Home Key.

Add to Apple Home Key (for iOS users)

After it is connected with HomeKit, one virtual door card will be automatically generated in the Apple "Wallet" app. You can use an iPhone or Apple Watch, which supports the Apple Home Key function to unlock by holding it close to the door lock.

Product Instructions

1. To control this HomeKit-enabled accessory, the latest version of iOS or iPadOS is recommended. Controlling this HomeKit-enabled accessory automatically and away from home requires a HomePod, HomePod mini, or Apple TV set up as a home hub. It is recommended that you update to the latest software and operating system.
2. To use home keys, iPhone XS or later with iOS 15 or later and Apple Watch Series 4 or later with watchOS 8 or later are required.
3. Use of the Works with Apple badge means that an accessory has been designed to work specifically with the technology identified in the badge and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards.

Connect Google or Alexa app

To unlock via Google or Alexa, please first, buy and bind the Aqara hub. For details, please scan the code and learn how to bind.



Product Specifications

Smart Lock U50

Model: DL-D05D/DL-D05E

Wireless Protocols: Zigbee, Bluetooth 5.0, NFC

Powering Modes: 4 AA Batteries (6V ---); USB-C Emergency Port (5V ---)

Dimensions: 5.3 × 2.9 × 3.5 in. (135.8 × 74.8 × 88.4 mm)

Operating Temperature: Outer Panel: -35°C ~ 66°C (-31°F ~ 150.8°F) Inner Panel: -18°C ~ 55°C (-0.4°F ~ 131°F)

Operating Humidity: 0 ~ 93% RH, no condensation

1. This product uses HomeKit end-to-end encryption and authentication technology to ensure privacy and security.
2. Communication between iPhone, iPad, Apple Watch, HomePod, HomePod mini or Mac and the HomeKit-enabled this device is secured by HomeKit technology.
3. Use of the Works with Apple badge means that an accessory has been designed to work specifically with the technology identified in the badge and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards.
4. Apple, Apple Watch, HomeKit, HomePod, HomePod mini, Siri, iPad, iPad Air, and iPhone are trademarks of Apple Inc., registered in the U.S. and other countries.



FCC ID: 2AKIT-SDLD01

Federal Communications Commission (FCC) compliance statement:

1. This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:
 - (1) This device may not cause harmful interference, and
 - (2) This device must accept any interference received, including interference that may cause undesired operation.
2. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

RF Exposure statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance of 20 cm between the radiator and your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

IC:22635-DLD01D

IC NOTICE TO CANADIAN USERS

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

- (1) This device may not cause interference.
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

This Class B digital apparatus complies with Canadian ICES - 003.

This device complies with RSS - 247 of Industry Canada. Operation is subject to the condition that this device does not cause harmful interference.

This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance of 20 cm between the radiator and your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

- (1) L'appareil ne doit pas produire de brouillage;
- (2) L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Cet appareil numérique de la Classe B conforme à la norme NMB - 003 du Canada.

Cet appareil est conforme à la norme RSS - 247 d'Industrie Canada. Le fonctionnement est soumis à la condition que cet appareil ne provoque pas d'interférences nuisibles.

Cet équipement est conforme aux limites d'exposition aux rayonnements de la IC établies pour un environnement non contrôlé. Cet

équipement doit être installé et fonctionner à au moins 20cm de distance d'un radiateur ou de votre corps.Cet émetteur ne doit pas être co-localisé ou fonctionner en conjonction avec une autre antenne ou un autre émetteur.

Online Customer Service: www.aqara.com/en/support.html

Manufacturer: Lumi United Technology Co., Ltd.

Address: Room 801-804, Building 1, Chongwen Park, Nanshan iPark, No. 3370, Liuxian Avenue, Fuguang Community, Taoyuan Residential District, Nanshan District, Shenzhen, China

Email: support@aqara.com