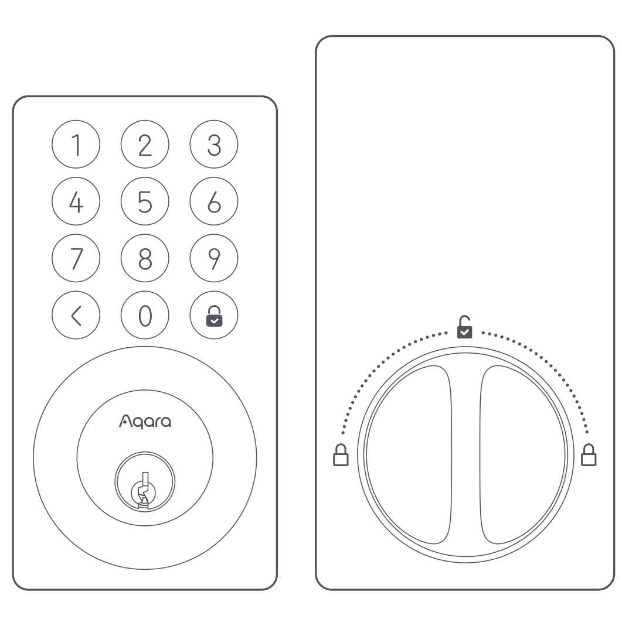
Aqara

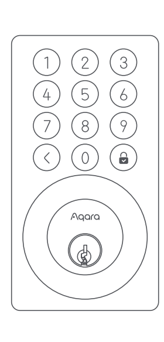


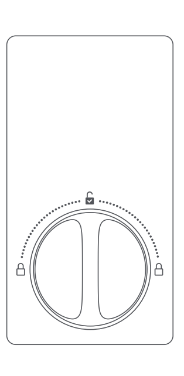
Smart Lock B50

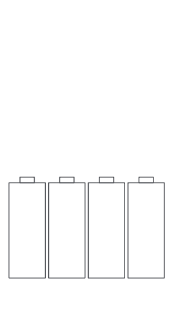
Product Introduction

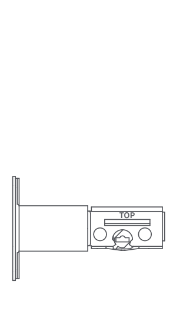
The Aqara Smart Lock B50, Wi-Fi Smart Lock, provides a practical and convenient unlocking experience for user. This device only supports 2.4G Wi-Fi networks.

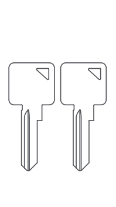
What's in the Box

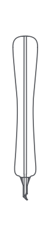

Outer Panel × 1

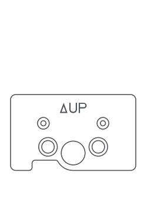

Inner Panel × 1

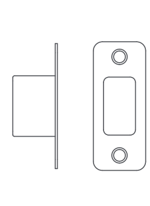

AA Battery × 4

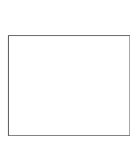

Deadbolt × 1

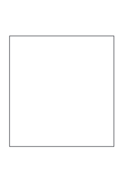

Mechanical Key × 2

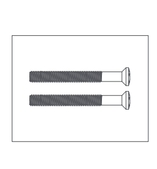

Knob Removal Tool × 1

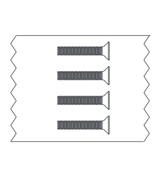

Mounting Plate × 1

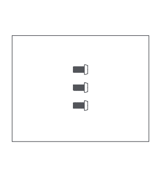

Strike Plate Kit × 1

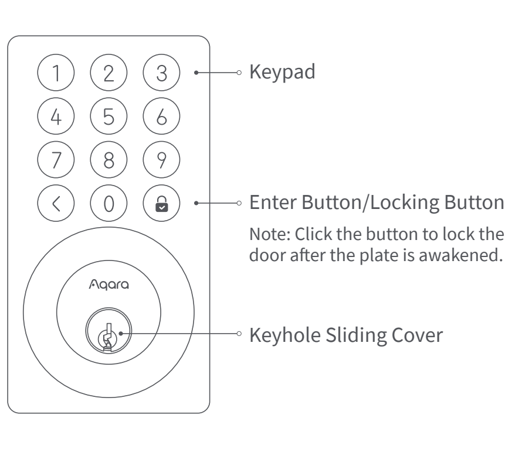

User Manual × 1


Installation Diagram × 1

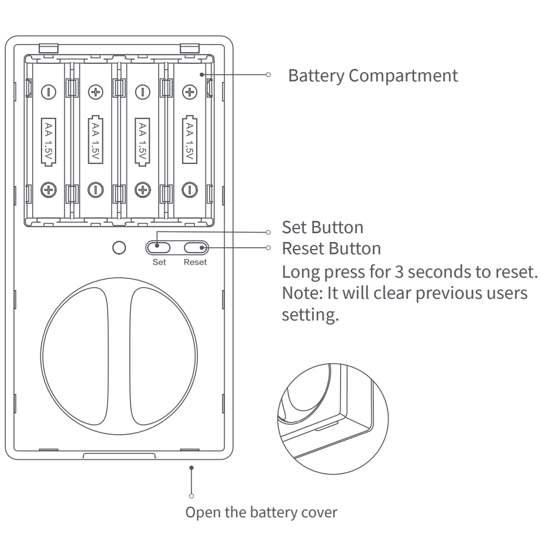

Opposite-Pull Screw Kit × 1 (machine screw, M6 x 55mm)


Bolt & Strike Plate Screw Kit × 1 (self-tapping, M4 × 25mm)


Mounting Plate Screw Kit × 1 (machine screw, M3 × 8mm)



Note: Click the button to lock the door after the plate is awakened.



Long press for 3 seconds to reset.
Note: It will clear previous users setting.

Instructions before Installation

Before using this product, you need to download the Aqara Home app and register an account.

Aqara Home

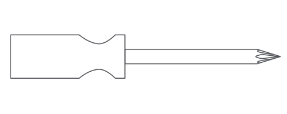
Sign up for Aqara Home account, then add Smart Lock U50 and follow the app installation tutorial to install.

Installation Videos

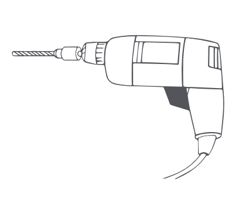
Or scan the following QR code to check the installation video.

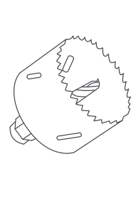
For FAQs, visit: https://www.aqara.com/en/product/smart-lock-B50-faq

A PH1 standard Phillips head screwdriver is required for installation.



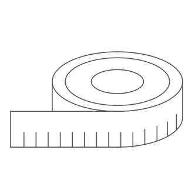
Tools necessary only for new doors or adjusting existing door holes: Drill, Hole Saws, Wood Mortise Chisel, Pencil, Tape Measure, Level

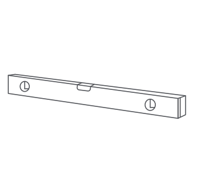

Drill


Hole Saws

Wood Mortise Chisel

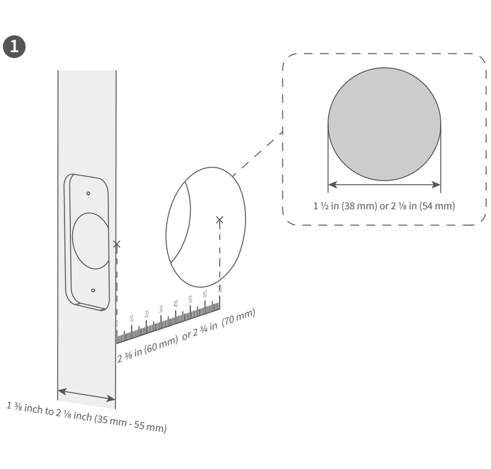
Pencil


Tape Measure

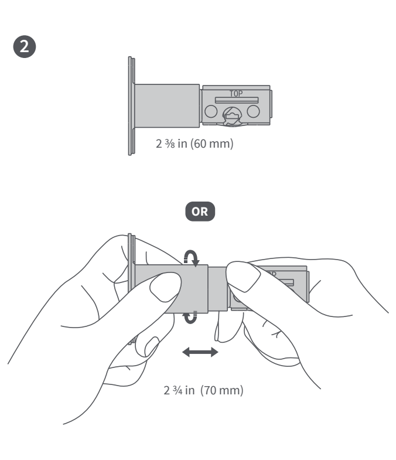

Level

Device Installation & App Connection

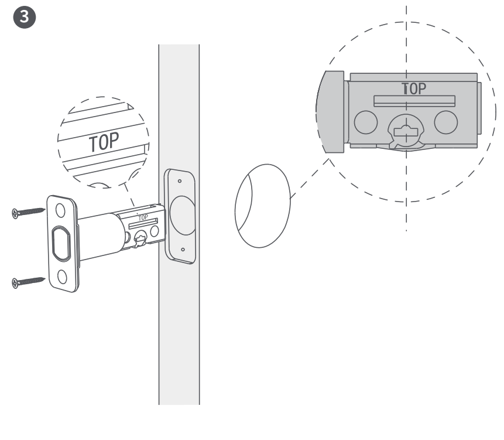
❶


1 ½ in (38 mm) or 2 ⅛ in (54 mm)
2 ⅜ in (60 mm) or 2 ¾ in (70 mm)
1 ⅜ inch to 2 ⅛ inch (35 mm - 55 mm)

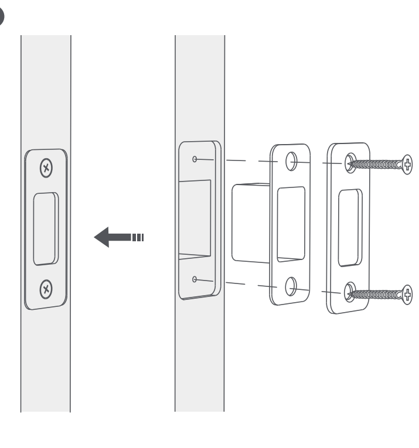
❷



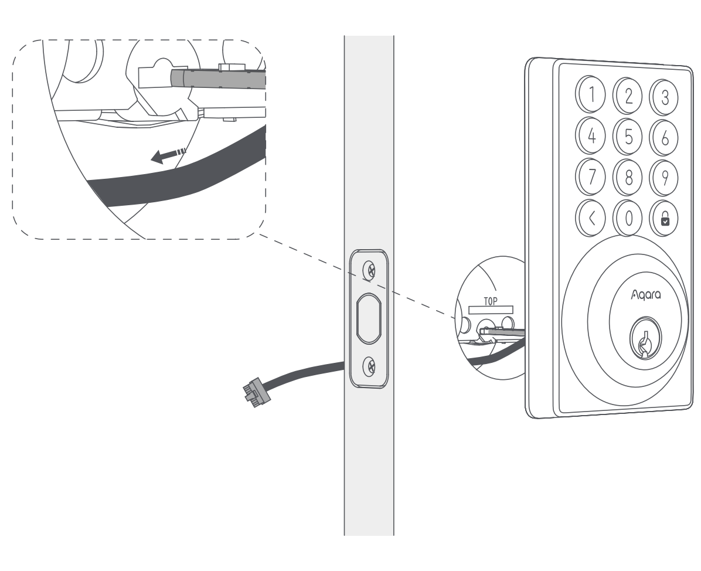
❸



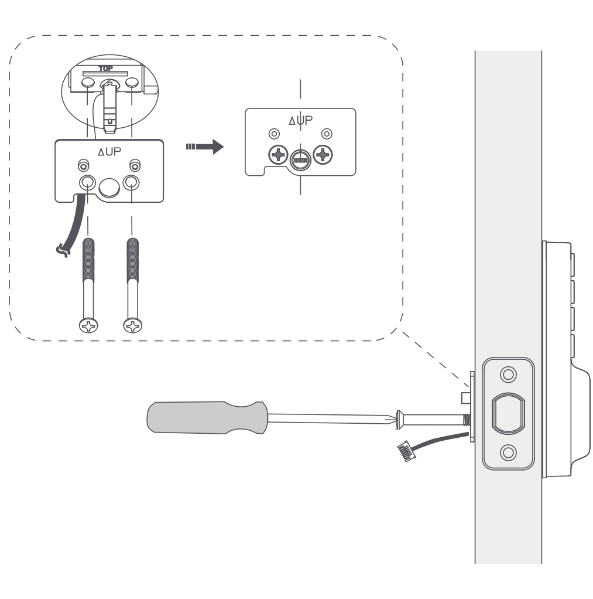
❹



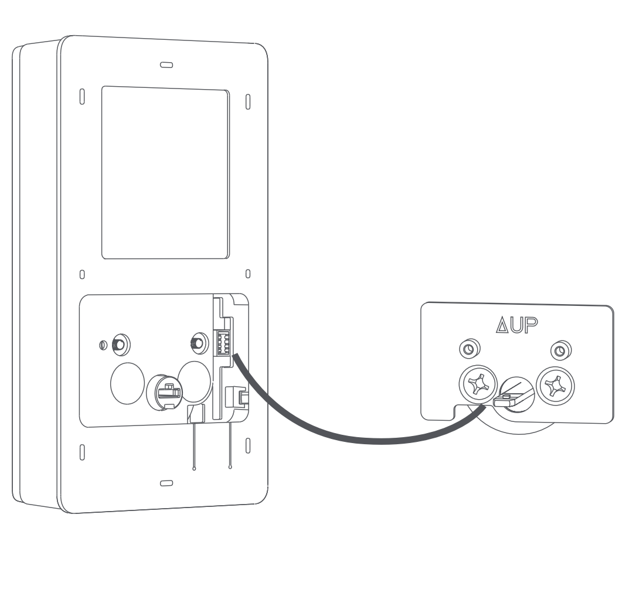
❺



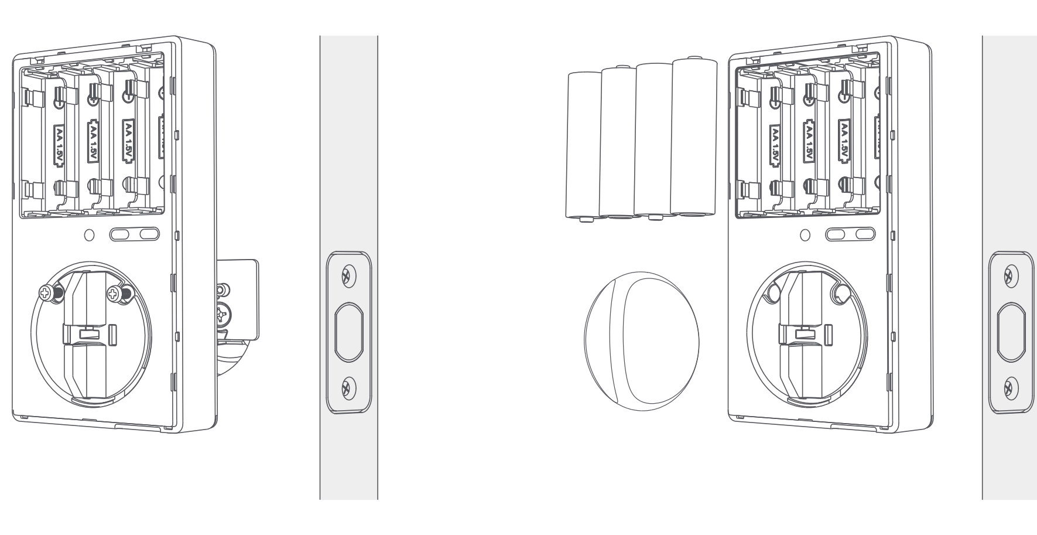
❻



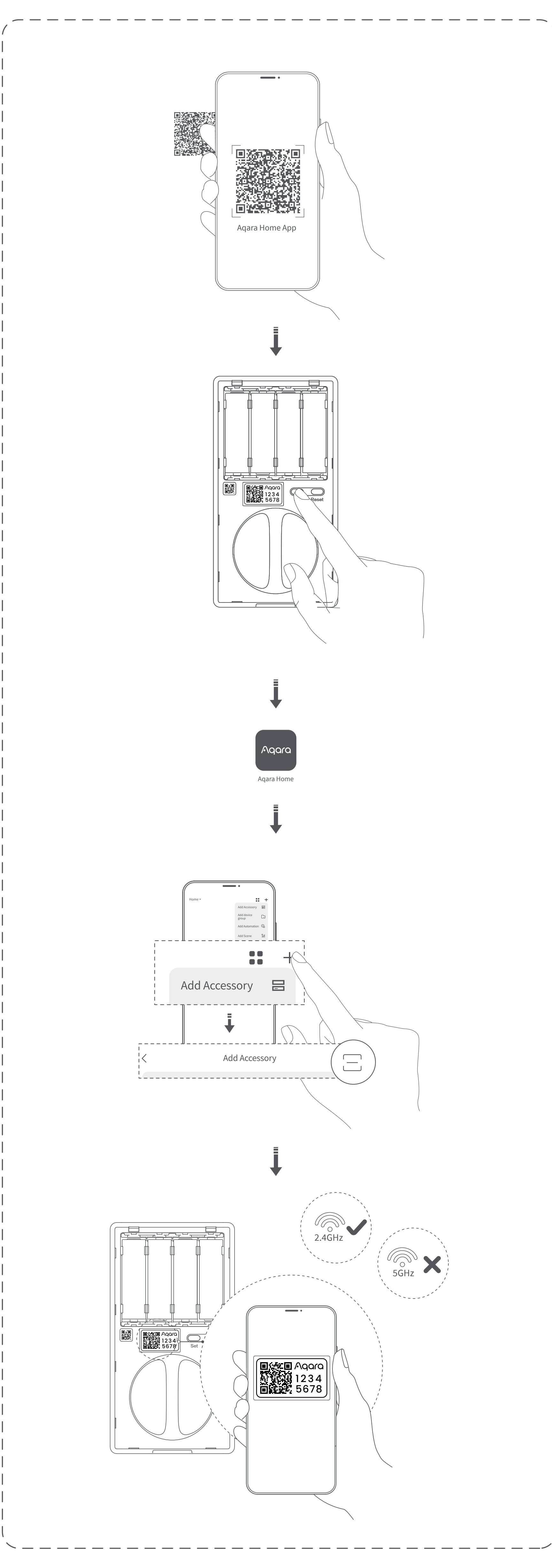
❼

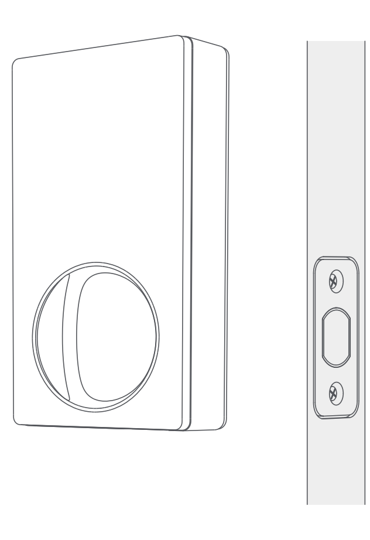


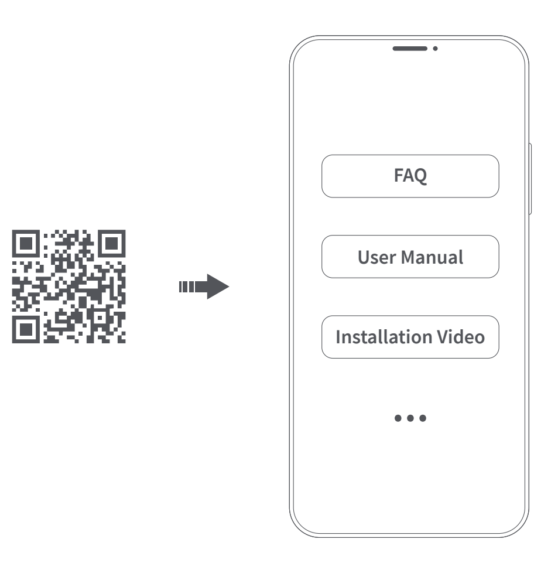
❽



Aqara Home







Door Lock Local Settings

When the door lock is connected to the phone, you can set the password and configure it via the phone. When not connected, local settings are available.
Press Set, enter the admin password, and follow the voice prompts to select functions.

The Local Settings Contain:

Local Settings	Operations
Add user	Press 1: Add users and register and passwords
Delete users	Press 2: Remove users and their credentials
Volume & Language	Press 3: Customize volume and language settings
Door lock calibration	Press 4: Calibrate the door lock

Resetting the Lock

You can reset the lock using either of these methods:
Press and hold the Reset button for 3 seconds to enter reset mode. Verify the admin password on the keypad. If correct, the lock will reset to factory settings and erase all data.

Auto-Lock

Users can turn on and off the auto-lock feature on the mobile and set the auto-lock time.

Door Lock Buttons Introduction

Buttons	Features	Operations
Set Button	Enter Paring Mode	Single press: Initiates pairing mode, allowing the app to detect and connect with the door lock within 10 minutes.
	Enter Door Lock Local Settings	Single press (after connecting to the app): Enter the local setting after press administrator password.
Reset Button	Door Lock Reset	Long press for 5 seconds: This resets the door lock. If an Aqara administrator has been set, administrator credentials are required. If no Aqara administrator has been set, it will reset automatically.

FCC ID: 2AKIT-DLD12
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-DLD12
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.

⚠ CAUTION

1. Risk of explosion if the battery is replaced by an incorrect type.
2. Dispose of used batteries according to the instructions.
3. Do not ingest battery, Chemical Burn Hazard.
4. This product contains battery. If the battery is swallowed, it can cause severe internal burns in just 2 hours and can lead to death.
5. Keep new and used batteries away from children.
6. If the battery compartment does not close securely, stop using the product and keep it away from children.
7. If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention.

Product Specification

Model: DL-D12E
Wireless Protocols: Bluetooth 5.3, Wi-Fi IEEE 802.11b/g/n/ax 2.4GHz
Powering Modes: 4 AA Batteries (6V); USB-C Emergency Port (5V)
Dimensions:
Inner Panel: 5.5 × 2.9 × 1.8 in. (139 × 75 × 47 mm)
Outer Panel: 4.9 × 2.7 × 1.3 in. (125 × 68 × 32 mm)
Operating Temperature:
Inner Panel: -18°C ~ 55°C (-0.4°F ~ 131°F)
Outer Panel: -35°C ~ 66°C (-31°F ~ 150.8°F)
Operating Humidity: 0 ~ 93% RH, no condensation
What is in the Box: Smart Lock B50 × 1, User Manual × 1, Installation Diagram × 1, Key × 2, AA Battery × 4, Knob Removal Tool × 1, Opposite-Pull Screw Kit × 1, Bolt & Strike Plate Screw Kit × 1, Mounting Plate Screw Kit × 1

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

FCC ID:2AKIT-DLD12

Déclaration de conformité de la Commission fédérale des communications (FCC) :
1. L'appareil est conforme à la partie 15 des règles de la FCC. Le fonctionnement est soumis aux deux conditions suivantes :
(1) L'appareil ne doit pas causer d'interférences nuisibles, et
(2) L'appareil doit accepter toute interférence reçue, y compris les interférences susceptibles de provoquer un fonctionnement indésirable.
2. Les changements ou modifications non expressément approuvés par la partie responsable de la conformité pourraient annuler l'autorité de l'utilisateur à faire fonctionner l'équipement.
Note : L'appareil a été testé et déclaré conforme aux limites d'un appareil numérique de classe B, conformément à la partie 15 des règles de la FCC. Ces limites sont conçues pour fournir une protection raisonnable contre les interférences nuisibles dans une installation résidentielle. L'appareil génère, utilise et peut émettre de l'énergie de fréquence radio et, s'il n'est pas installé et utilisé conformément aux instructions, peut causer des interférences nuisibles aux communications radio. Cependant, il n'y a aucune garantie que des interférences ne se produiront pas dans une installation particulière. Si cet appareil cause des interférences nuisibles à la réception radio ou télévision, ce qui peut être déterminé en éteignant et en rallumant l'appareil, l'utilisateur est encouragé à essayer de corriger l'interférence par une ou plusieurs des mesures suivantes :
- Réorienter ou déplacer l'antenne de réception.
- Augmenter la distance entre l'appareil et le récepteur.
- Connecter l'appareil à une prise sur un circuit différent de celui auquel le récepteur est connecté.
- Consulter le revendeur ou un technicien radio/TV expérimenté pour obtenir de l'aide.
Déclaration d'exposition aux radiofréquences :
Cet équipement est conforme aux limites d'exposition aux radiations fixées par la FCC pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec une distance minimale de 20 cm entre le radiateur et votre corps. Cet émetteur ne doit pas être installé ou fonctionner en même temps qu'une autre antenne ou un autre émetteur.

IC:22635-DLD12

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 unenvironnement non contrôé. 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.

Spécification de produit

Modèle : DL-D12E
Protocoles Sans Fil : Bluetooth 5.3, Wi-Fi IEEE 802.11b/g/n/ax 2.4GHz
Modes d'alimentation : 4 AA Batteries (6V), Port USB-C (5V)
Dimension :
Panneau intérieur :5.5 × 2.9 × 1.8 in. (139 × 75 × 47 mm)
Panneau extérieur : 4.9 × 2.7 × 1.3 in. (125 × 68 × 32 mm)
Température De Fonctionnement :
Panneau intérieur : -18°C ~ 55°C (-0.4°F ~ 131°F)
Panneau extérieur : -35°C ~ 66°C (-31°F ~ 150.8°F)
Humidité De Fonctionnement : 0 ~ 93% RH, sans condensation
Contenu de la boîte : Serrure connectée B50 Aqara × 1, Manuel d'utilisation × 1, Schéma d'installation × 1, Clé mécanique × 2, Pile AA × 4, Outil de retrait de bouton × 1, Kit de vis à traction opposée × 1, Boulon & kit de vis pour plaque de gâche × 1, Plaque de montage × 1

Service des clients en ligne : www.aqara.com/en/support.html
Lumi United Technology Co., Lté
Local 801-804, Édifice 1, Parc Chongwen, Nanshan iPark, No. 3370, Avenue Liuxian, Communauté Fuguang, District résidentiel de Taoyuan, Disctrict de Nanshan, Shenzhen, Chine
E-mail: support@aqara.com