



Aqara Smart Lock U300 Introduction

continuous connection

Aqara U300 Overview

Aqara's first lever lock, designed for both indoor and outdoor use, is ideal for applications like garage entry doors. It features a variety of unlocking methods characteristic of Aqara locks. This includes an ergonomic fingerprint reader on the handle for faster door unlocking than ever before. And, compared to many other lever locks, it comes without any compromise on security.

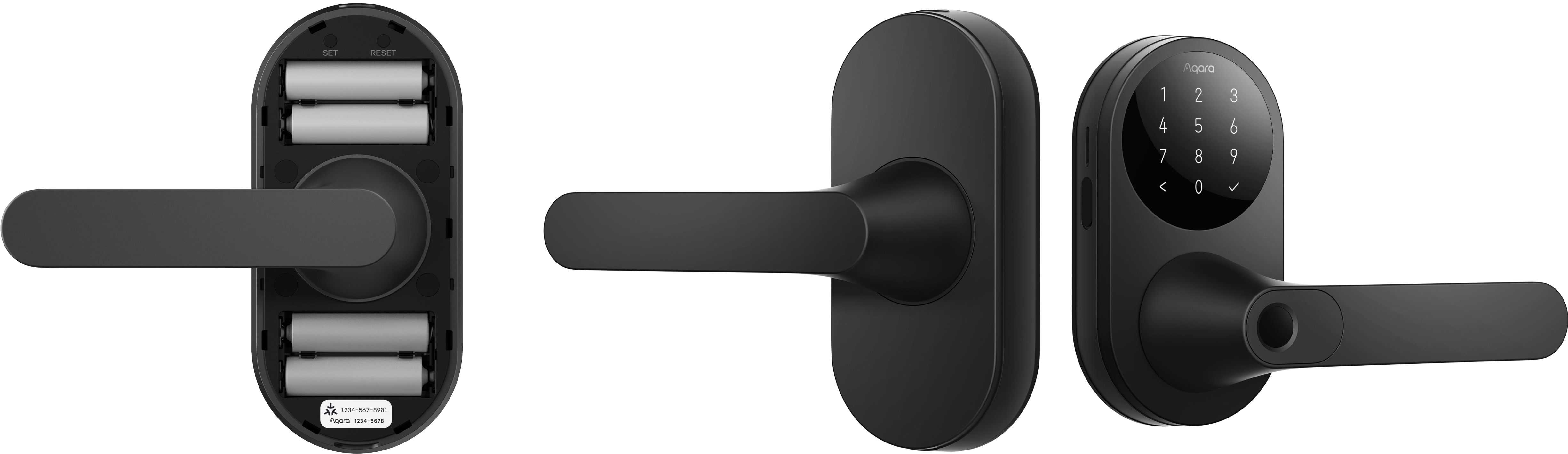


Sales regions: North America

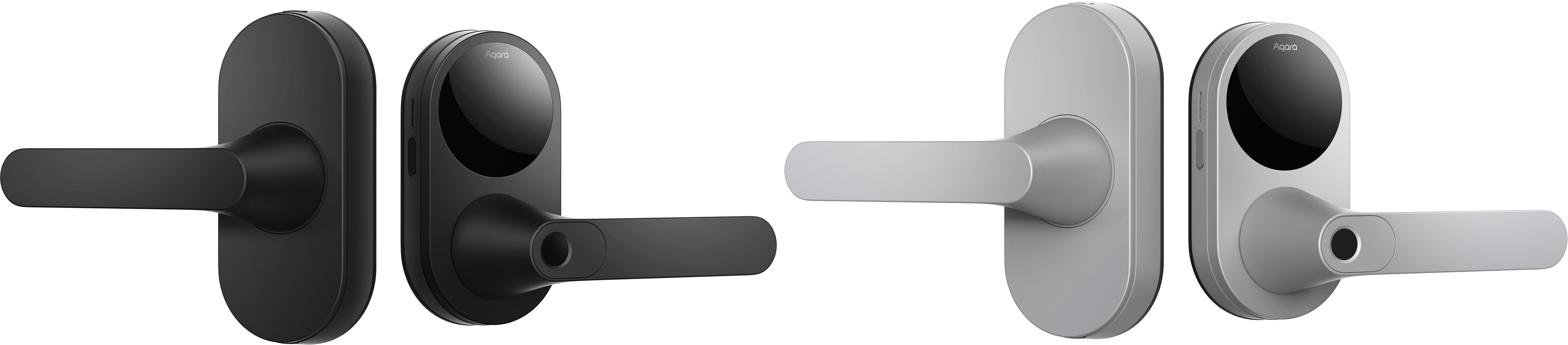
Other regions: Southeast Asia, Australia, Russia

Aqara Hub: M3

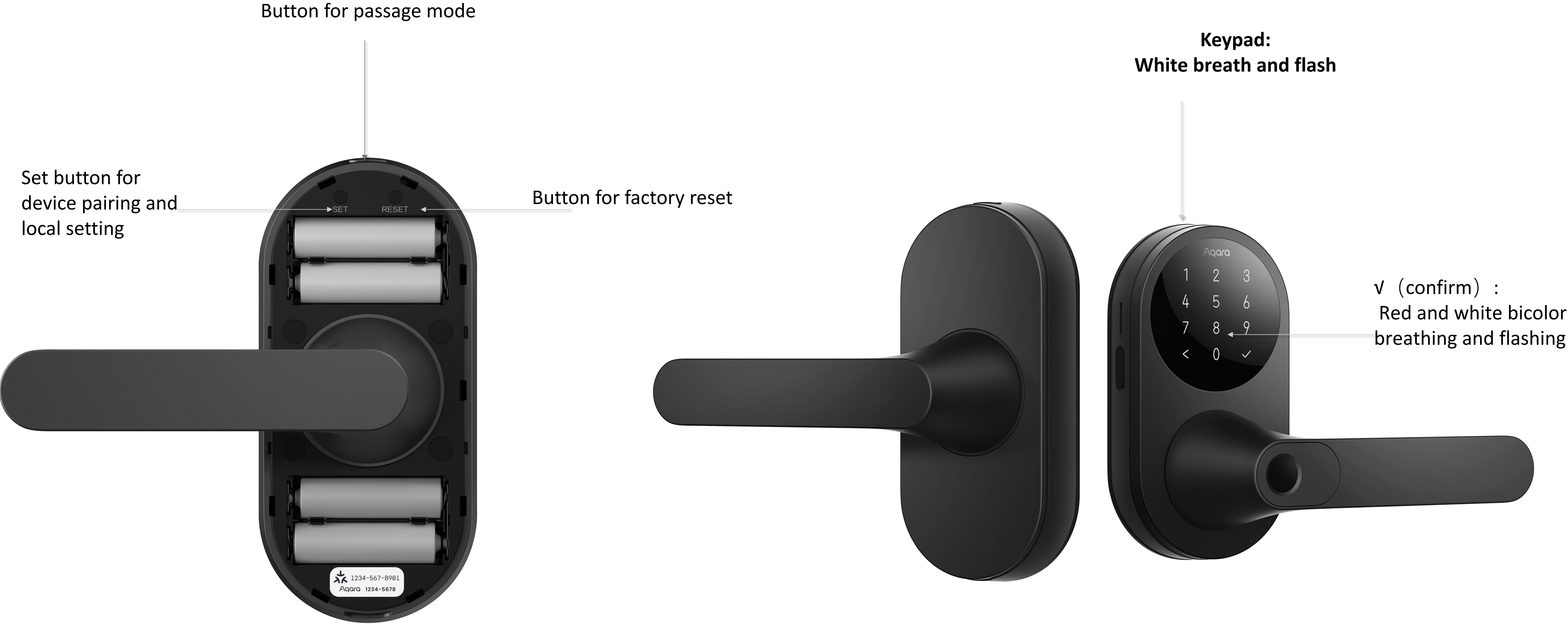
Product ID



Product ID

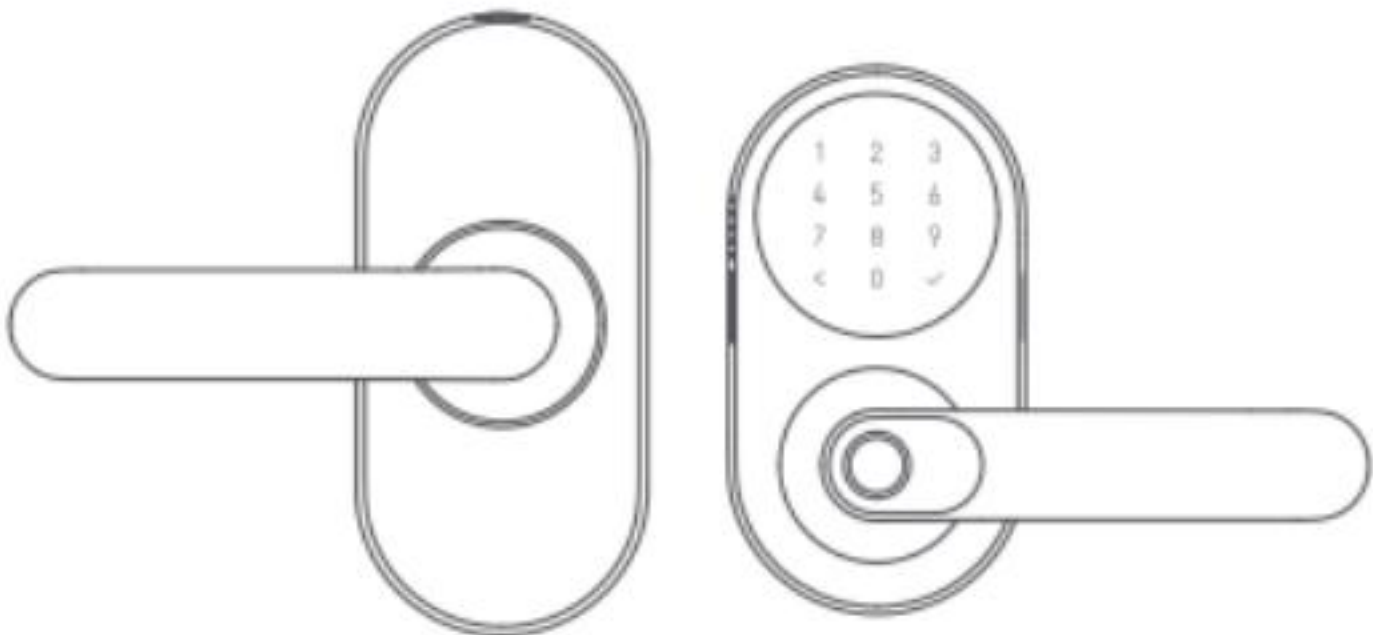


Product Buttons and Indicators

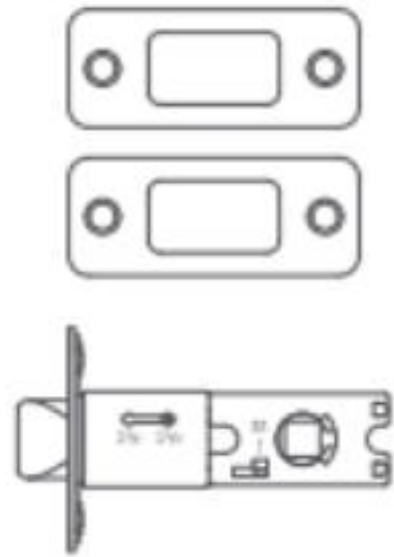


What's in the Box?

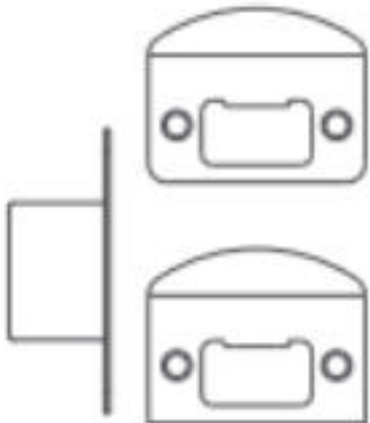
What's in the Box



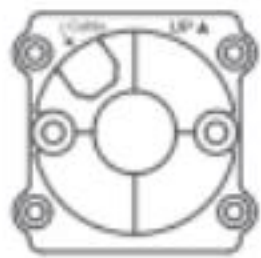
Inner Panel × 1 Outer Panel × 1



latch × 1



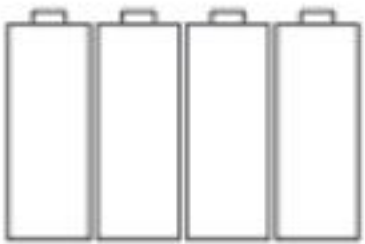
Strike × 1



Backplate × 1



Mechanical
Key × 2



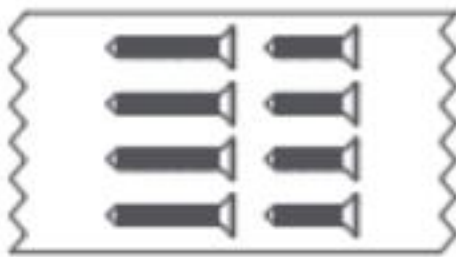
AA Battery × 4



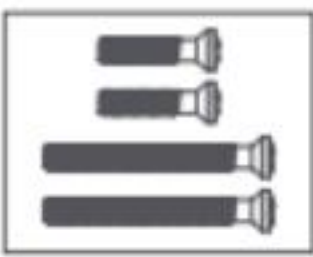
Spindle x1



Mounting
Post X2



Latch/Strike Screws M4



Backplate
Screws M5



Inner Panel
Screws M4 X4



Installation
Diagram × 1



User Manual × 1

Package



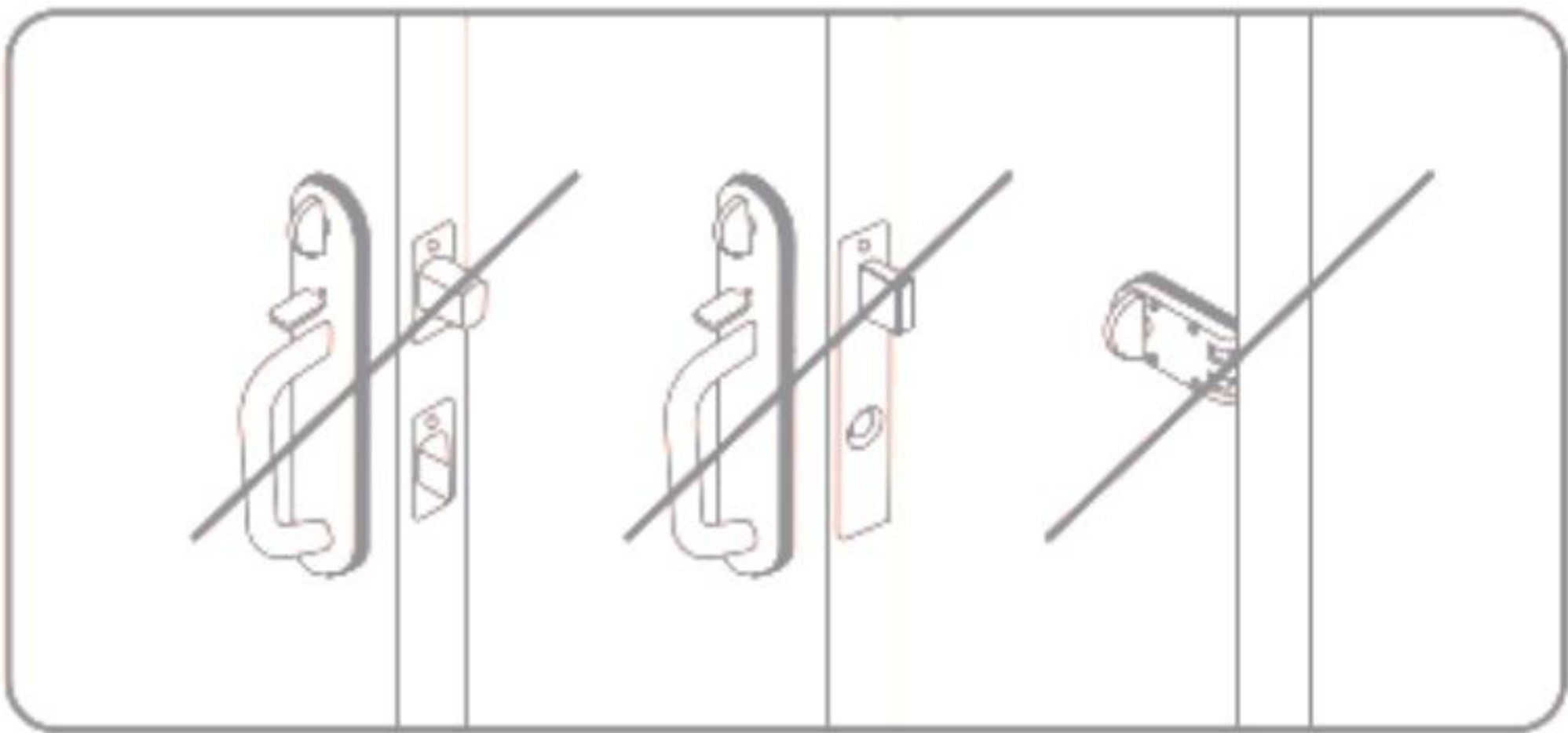
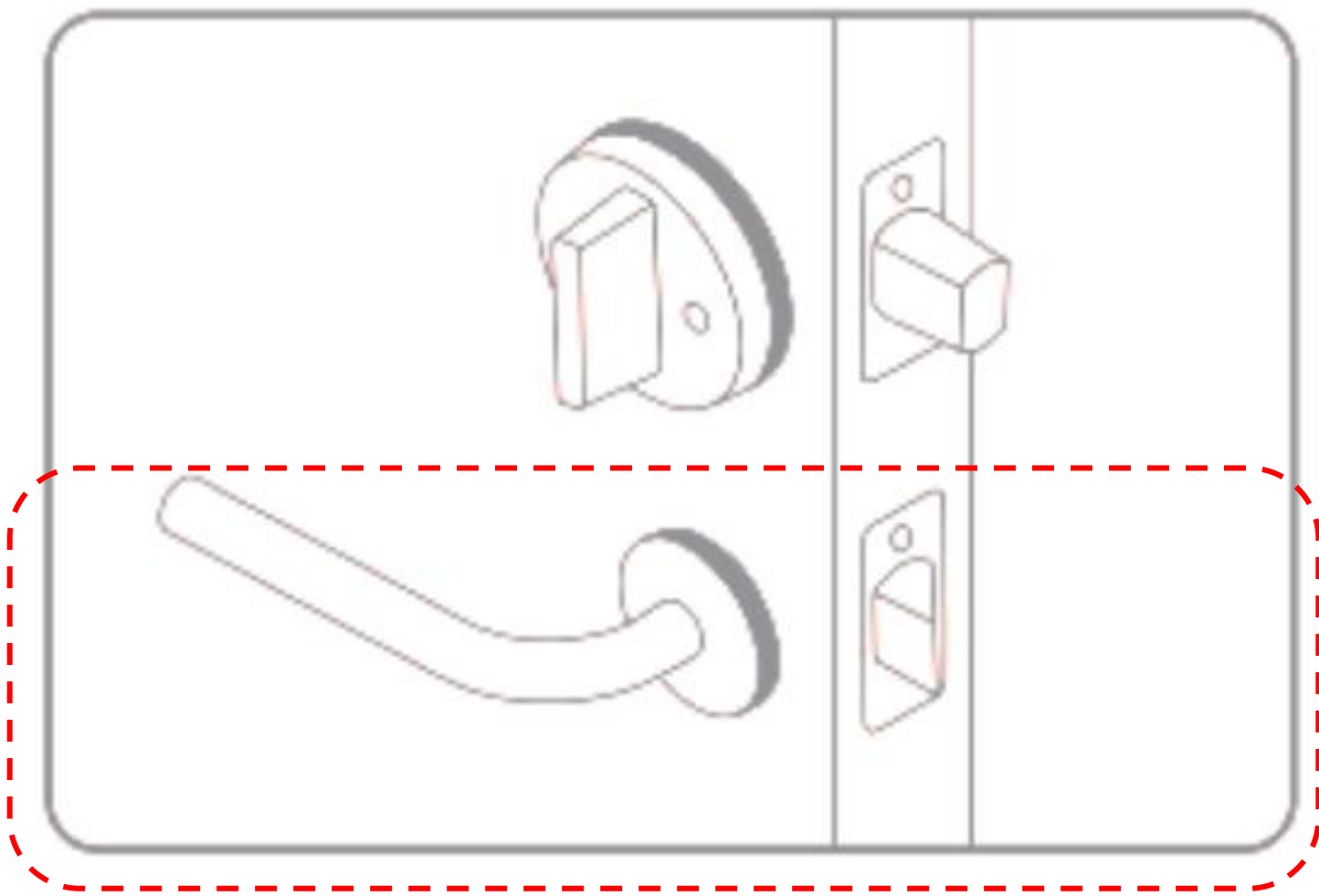
Product Positioning

U300 Application Scenarios: Entry doors, garage doors, side doors, bedroom doors.



Product Positioning

Locks and doors supported by U300:



Product Specifications

Product Name	Smart Lock U300
Model	EL-D02D
Product Dimension	Outer Panel: 140 × 76 × 73.5 mm (5.5 × 2.99 × 2.89 in.) Inner Panel: 159 × 74.5 × 76 mm (6.25 × 2.93 × 2.99 in.)
Color	Black, silver
Product Material	Zinc alloy, plastic, glass
Battery	AA*4
Battery Life	10 months
Wireless Protocols	Thread, NFC, BLE
Operation Temperature	Outer Panel: -30 ° C ~ +55 ° C (-22 ° F ~ +131 ° F) Inner Panel: -10 ° C ~ +55 ° C (14 ° F ~ +131 ° F)
Storage temperature	-20°C~55° C
Operation Humidity	0 ~ 93%
Certification	Environmental Compliance: CA65 Radio Compliance: FCC, IC, CE-RED, EAC, RCM Smart Ecosystem: Matter(Apple home, Alexa, Google , SmartThings)
IP Rating	IPX4

Product Specifications

Primary Features

- Communication Protocols:** BLE, Thread, NFC
- Unlocking Methods:** Fingerprint, Password, Temporary authorization unlocking, NFC unlocking
- Local Menu:** On-device settings management
- Always-Open Setting:** For high-frequency access
- Alerts:** Low battery warning, Abnormal activity alerts
- OTA:** Over-the-air updates

	Aqara	Apple Home	Other Matter Ecosystems
Log and battery power	√	√	√
Message push	√	√	√
Remote unlock	√	√	√
Temporary password	√	√	-
Periodic password	√	To be support	-
NFC unlocking	√	Support home key	-
OTA	√	√	-
Automation	√	√	-
Associated with Aqara cameras	√	-	-

Product Specifications

Parameters	Description
Product name	Aqara Smart Lock U300
Unlocking method	Fingerprint, password, NFC, BLE, emergency key
Promotion language	Language on Aqara Home App: Chinese, English, French, Spanish, Russian Voice: English, French, Spanish, OTA: (Chinese, Russian)
Record capacity	More than 500 local log records, starting from the oldest record to roll over. Cloud log data can be viewed for at least one month
Loudspeaker	On the front panel
Battery	4*AA
Battery life	10 months
Emergency power	Type C *2
Operation temperature	Outer panel: -30°C ~ +55°C, inner panel: -10°C ~ +55°C
Operation humidity	0~93% RH, no condensation
Storage temperature	-20°C ~ 55° C
Storage humidity	0~85% RH, no condensation
IP rating	IPX4
Buttons	Reset, set and passage mode
Type of cylinder	American Standard single deadbolt C-way lock cylinder, 5pin
Required thickness of the door	35-55mm
The margins of the door	60/70mm
Required gap of the door	2~10mm
What’s in the Box?	Inner panel, outer panel, latch, key*2, backplate, battery *4, accessory package, installation diagram, User manual
Installation method	Replace the lock cylinder and hang it up
Support platform	AIOT + MATTER + AirB&B + IFTTT
OTA	Support

Product Specifications

Unlocking method	Parameter	Description
Fingerprint	Fingerprint capacity	50
	Other feature	160*160 Semiconductor fingerprint recognition module
Password	The number of digits in the password	6~10 digits
	Password management	75 groups including ordinary password and periodic password
	Anti-peep password	Supports 20 virtual passwords (including real passwords)
	Passage mode	The inner panel provides shortcut keys + user verification
NFC	Type	Aqara NFC card, customized card
	Capacity	10
	Identification distance	≥3cm, iPhone 12 at least
Matter	User quantity	10
Passage mode	Switch method	The inner panel provides shortcut keys + user verification, it supports closing the passage mode by verification successfully.
BLE	Protocol	AIOT Bluetooth encryption protocol
Remote unlocking	Working mode	By Aqara Hub M3
Automation unlocking	Working mode	When connect to the same hub, it support unlocking by the specified Aqara device, and automatic locking
Unlock by G4	Working mode	The page of G4 supports locking and unlocking menu
Matter	Pairing mode	Scan the matter code by Apple Home
	Password	Support 16 groups Apple password

Product Selling Points

Aqara Smart Lock U300



To work with Apple Home, Amazon Alexa, Google Home, and Samsung SmartThings, a Matter-compatible hub is required. Visit www.aqara.com for more details.
Pour fonctionner avec Apple Home, Amazon Alexa, Google Home et Samsung SmartThings, un hub compatible avec Matter est nécessaire. Visitez www.aqara.com pour plus de détails.



The world's first leverset that supports Matter and homekey.

1. It can connect to multiple intelligent platforms through matter.
2. Supports Apple Home and homekey to get the most complete ecological experience.
3. It can connect to the Aqara ecosystem through the M3 gateway and link hundreds of products.

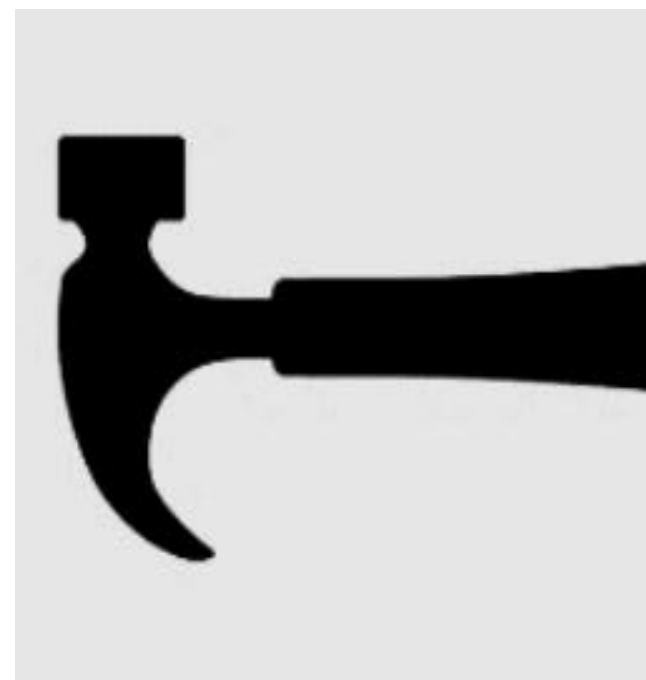
Product Selling Points



Handle fingerprint design

1. 160*160 semiconductor fingerprint recognition module, stable and fast identification and unlocking, extremely fast identification in 0.3s.
2. Just hold it and open it for easy unlocking.

Product Selling Points



Anti-collision unlocking design

Common handle smart locks can be unlocked directly by tapping the bottom with a hammer, causing the spring to compress and drive the clutch.

Aqara adopts a brand-new design and uses a motor to drive the clutch, completely eliminating this situation.

Product Selling Points



All-in-one black design

1. Tempered glass
2. 2. Anti-fingerprint coating

Product Selling Points



Passage mode support

Easy to switch between the passage mode and auto lock mode

Product Selling Points



Long battery life

The 4*AA battery life can be up to 10 months

Product Selling Points



Do not disturb mode, extremely silent

Motor sound <40 decibels

It will not disturb sleep even if used in the bedroom

*Mute mode, test data 10cm away from the door lock

Functions Comparison

	Bind Aqara and set the administrator password	Only bind with Matter
Login the local menu	Single press Set + Verify the administrator password	Single press Set
Factory reset	Long press Reset for 5s + Verify the administrator password	Long press Reset for 5s
Set the periodic password	Support	OTA (To be support)
After removing the device from the Home app, if you want to rebind it to the Matter ecosystem, please reset the door lock or enter the local settings page to reset Matter The door lock functions supported by each ecosystem are different. Please contact the technical support of that ecosystem for details.		

THANK YOU