



Aqara Smart Lock B50 Introduction

continuous connection

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Aqara Smart Lock B50 Overview

Aqara Smart Lock B50 is Aqara's entry-level smart deadbolt which provides essential Wi-Fi connectivity without the need for a hub, enabling easy remote access, versatile unlocking methods, and simple rekeying. With a specific Aqara hub, it also supports Matter integration, seamlessly connecting to more smart home ecosystems.

- Password + mechanical keys
- Used as entrance doors and garage doors in North America
- Support AIOT, Matter over bridge
- Support WiFi + BLE protocol



Connects via Wi-Fi to Aqara Home with Google and Alexa support.
Integrates with Matter via Aqara Hubs like M100/M3/G5.

Selling Points

Aqara Smart Lock B50



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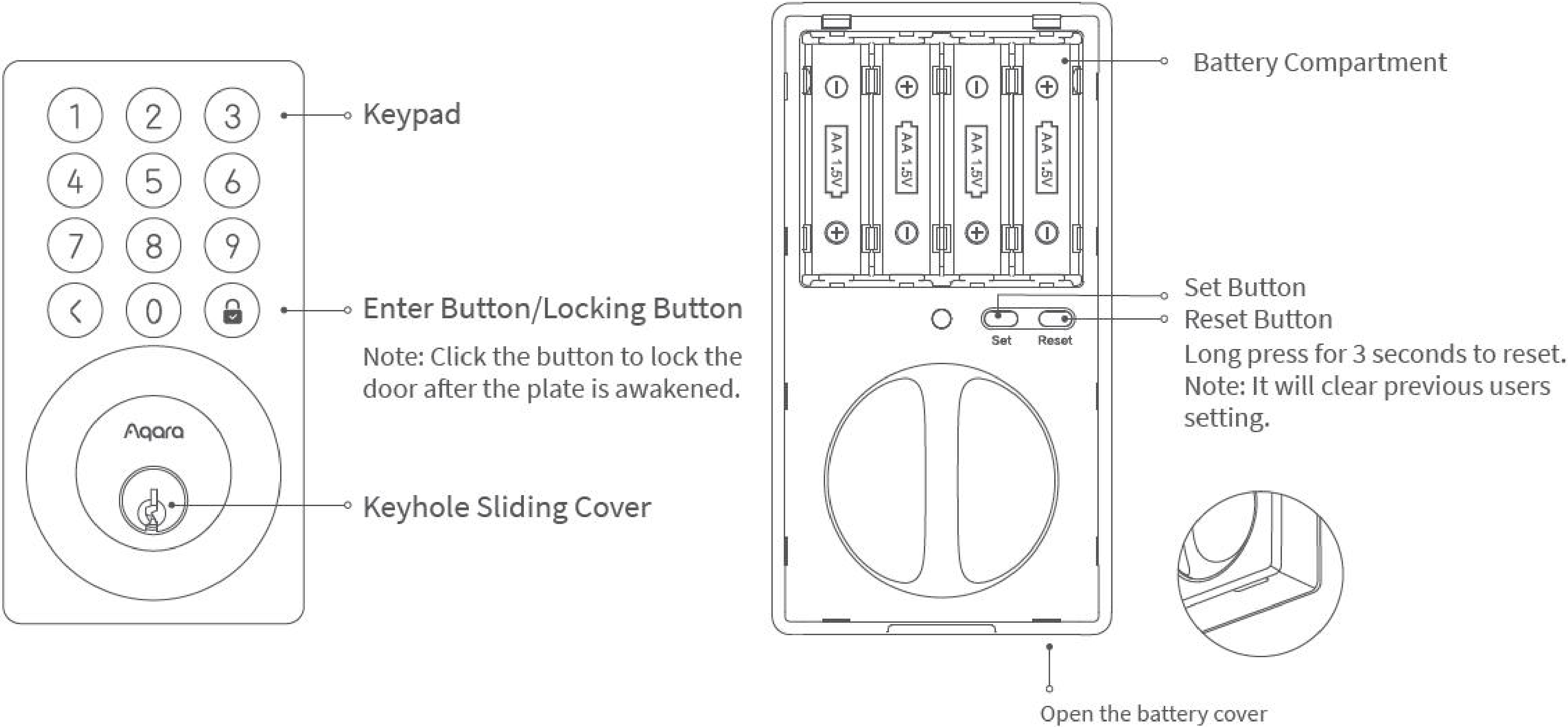
- **Smart Lock B50**
- High-Value Wi-Fi Smart Deadbolt
- Supports 2.4GHz Wi-Fi
- Password Entry Supported
- Remote Unlocking
- Remote One-Time & Periodic Passwords
- Compatible with 38mm and 54mm Door Holes
- Supports Integration with G3, G4, G5 Pro

Specification

Product Name	Smart Lock B50
Product 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)
Product Color	Black
Product Material	Aluminum Alloy, Plastic, Glass
Battery	AA × 4
Powering Modes	4 AA Batteries (6V); USB-C Emergency Port (5V)
Battery Life	6 Months
Wireless Protocol	Bluetooth 5.3, Wi-Fi IEEE 802.11b/g/n/ax (Wi-Fi 6)
Operating Temperature	Inner Panel: -18°C ~ 55°C (-0.4°F ~ 131°F) Outer Panel: -35°C ~ 66°C (-31°F ~ 150.8°F)
Storage Temperature	-20°C ~ 55°C
Operating Humidity	0 ~ 93%, no condensation
Certification	Wireless: FCC, IC, CE-RED, RCM Google, Alexa
IP Rating	IPX3
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

Functions	WIFI	BLE
Logs and Battery Level	√	√
Notification Alerts	√	√
Unlock via the App	√	√
Temporary/Periodic/User Password	√	√
Voice and Language	√	√
Auto-Lock Settings	√	√
Tamper Alert Settings	√	√
Away Mode	√	√
Do Not Disturb Mode	√	√
OTA (Over-the-Air Update)	√	
Automation	√	
Link with Aqara Camera Products	√	
Door Lock Calibration		√
Electronic Lock From Inside		√
Change Wi-Fi		√
Working Mode (Standard/Local)		√

Product ID

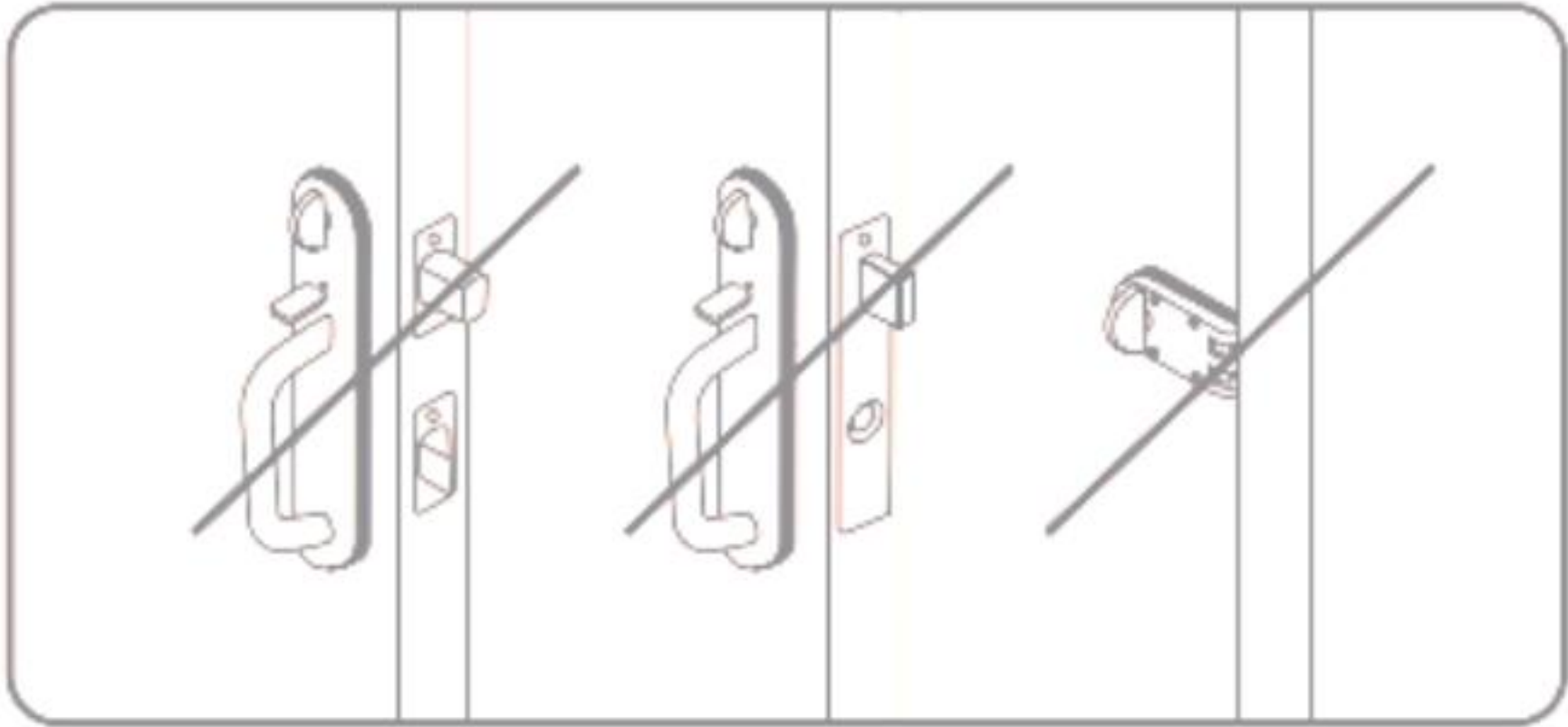
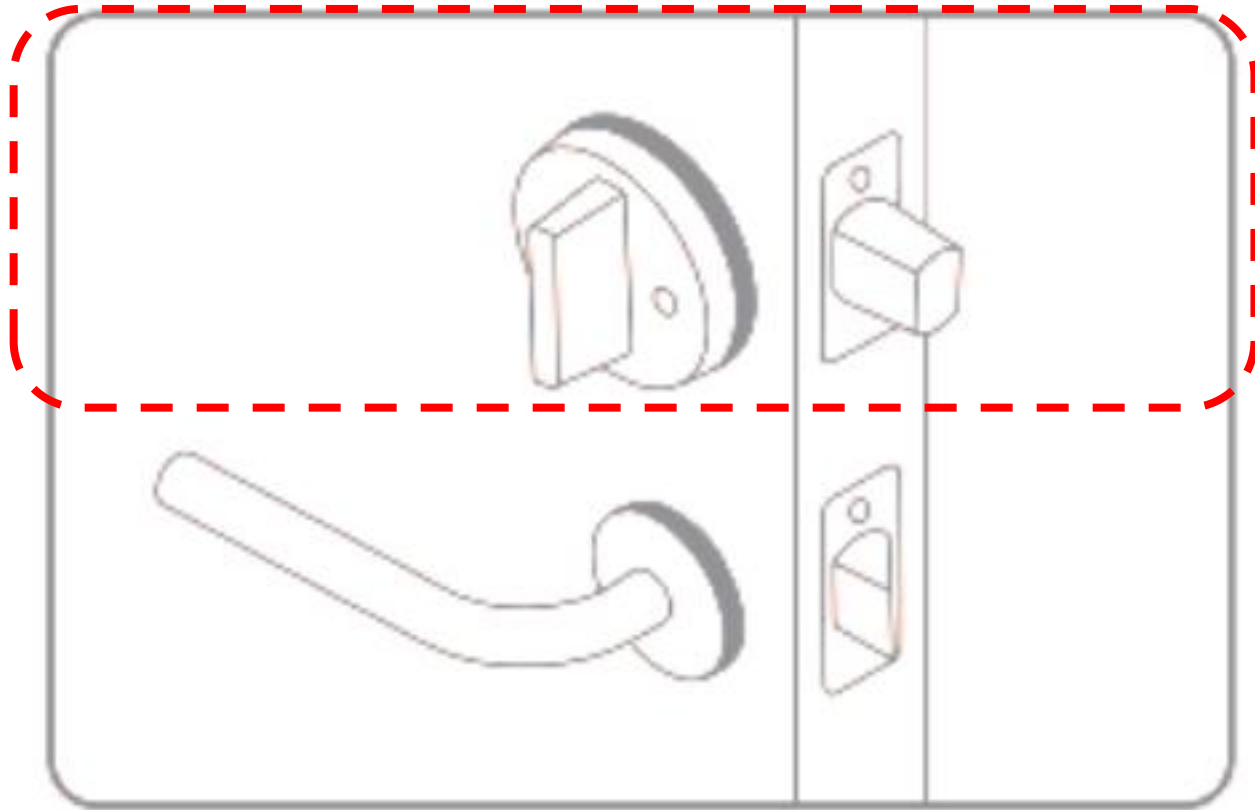


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Installation Requirements

Compatible locks and doors for B50



THANK YOU