Aqara Smart Lock U200 Lite Introduction

continuous connection

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- Product Installation
- Configuration on App
- FAQ

Product Overview

Unlock effortlessly and upgrade instantly with no drilling or fuss. The Smart Lock U200 Lite transforms your existing lock into a smart one, giving you effortless access. Simply tap your phone on the NFC Sticker Card or use the app to unlock instantly. Same easy installation, even smarter convenience. Sleek, secure, and completely key-free.

Product Overview

Turn Dial

Rear Cover

Reset Button

Long press to reset the lock

Battery Compartment

Li-Battery 6 months
2000mAh V7.4 14.8Wh

*unlock the door with
bluetooth 8 times each day

Set / Matter Button

Single click to allow Aqara
app / Matter binding

Product Overview

3M Sticker

NFC Antenna

Product Selling Points

Aqara

Matter over Thread

With Matter over Thread support, seamlessly integrates with diverse smart home setups,extending lock battery life up to 6 months by reducing power consumption.

Easy Install, Wide Compatibility

The U200 Lite simplifies installation, fitting over existing locks without modifications.Requires a cylinder with Emergency Function.Enhances security conveniently with not complex setups or door alterations.

Quiet Unlock Mode

Our innovative Quiet Unlock feature: Effortlessly unlock your door with reduced noise levels,accompanied only by the gentle whir of the motorturning slowly, ensuring peace and tranquility.

NFC Sticker Card Unlocking

The U200 Lite's NFC module enables unlockingwith an iPhone or Apple Watch, even whenthe phone or the watch is powered off,meetingApple's security standards. NFCcards offer added security for unlocking

Auto Lock

Thanks to the built-in gyroscope, the U200 Lite can remind you in case you for get to close the door, and even lock the door automatically after you close it.

Rechargeable Li-ion Battery

The lock is capable of operating using rechargeable Li-Ion Battery for extended periods.

Product HW Specifications

Product Name	Smart Lock U200 Lite
Product Dimensions	Door Lock: 62*61*153mm Tap Stickers: 30*30*2.3mm (TBD)
Product Colors	Main Unit: Black/White Tap Stickers: Black Environmentally Friendly Decorative Covers (Offline Version): Black door locks come with black covers; white door locks come with gray covers.
Product Materials	Door Lock: PC, Zinc Alloy Tap Stickers: Plastic Decorative Covers (Offline Version): Sustainable Tech Leather, PC
Battery	Door Lock: Lithium battery with a capacity of 2000mAh, voltage 7.4V, energy 14.8Wh
Product Battery Life	Door Lock: 6 months
Wireless Protocols	BLE , Thread
Communication Distance	10 m
Operating Temperature	Front Lock & Rear Lock: -15°C ~ +55°C
Storage Temperature	-30°C ~ +70°C (Can pass temperature rise tests)
Operating Humidity	0～93%RH, no condensation
Lock Cylinder Type	European Standard Lock Cylinder (e.g., German, French, Dutch European Standard Lock Cylinders)
Door Edge Distance Requirement	No requirement for inward-opening doors; it is recommended to be >55mm for outward-opening doors
Suitable Door Gap	2~10mm

Product SW Specifications

Smart Lock U200 Lite	Bluetooth BLE Local Direct Connection	THREAD Connected to Gateway
Locally Supported Features Bluetooth local direct connection to door locks	1. Unlocking and locking, 2. Local user management, 3. Creating periodic passwords locally, 4. Creating one-time passwords remotely, 5. Viewing logs and battery status, 6. Volume and language settings, 7. Bluetooth updates, 8. Door lock function settings, 9. Door lock calibration.	
Features Supported After Binding the Gateway Examples of Ecosystems： Apple Home Amazon Alexa Google Home Smartthings Homey	/	• Remote unlocking and locking,, • Remote viewing of logs and battery status, • Integration with third-party apps for automatic updates via Thread(OTA), • Remote mobile notifications (for someone entering the house, alarm events, etc.), • Setting up automations, • Integration with Aqara camera products (Aqara Home app) for linkage.
Key Differences	• Exclusive compatibility with Aqara Home app, • Requires proximity to the door lock for direct Bluetooth connection.	• Integration with third-party gateways for compatibility with other ecosystems, • Support for remote functionality, • Support for automation features, • Support for mobile push notifications.

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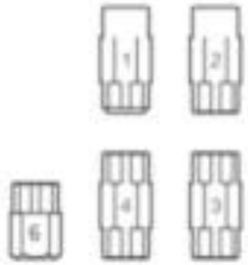
What’s in the Box (TBD)

Lock

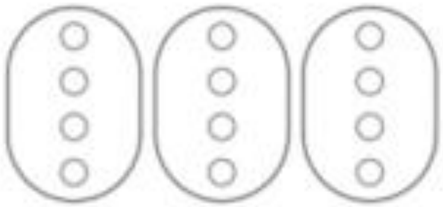
3M Sticker

User Manual



Cylinder Adaptor Kit × 5

Rechargeable Battery



Eva Foam × 3

Hexagon Screwdriver

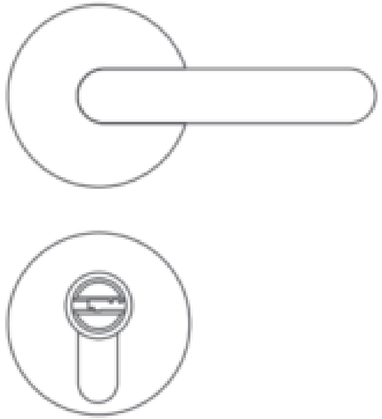
Screw Kit

Phillips Head Machine Screw PM3 × 14mm

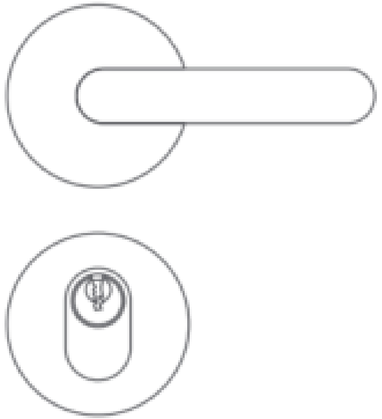
Countersunk Self-Tapping Screw M3 × 25mm

Installation Requirements

This product is compatible with European standard mortise locks, and American standard deadbolt locks.



EU Profile Cylinder



Select Scandi Cylinder

1. Euro Mortise Locks:

1) Supports Euro profile and select Scandi cylinders.

2) Ensure your cylinder includes an Emergency Function*.

* An Emergency Function enables the cylinder to be unlocked from the outside using a key, even if another key is already inserted on the inside.

2. Additional Requirements:

1) Ensure you have a PH1 standard Phillips screwdriver available for installation.

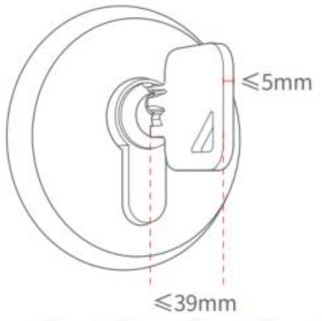
2) For optimal installation results, we recommend following along with our installation video.

Installation Methods

EU Mortise Lock

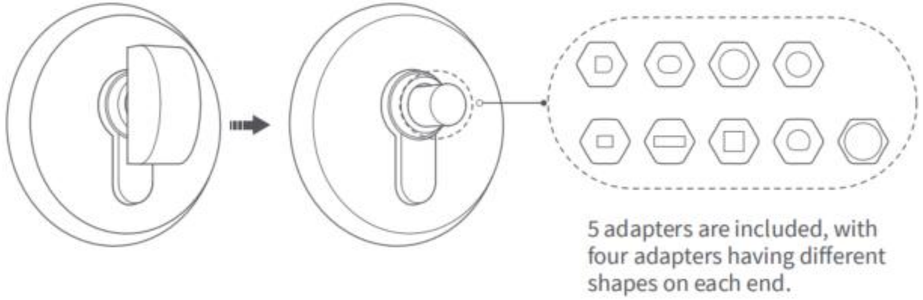
If Your Door Has an Interior Key

Ensure the key thickness is ≤ 5mm and the key handle length is ≤ 39mm when inserted into the lock.
Confirm that you can still unlock the door from the outside with the key when the interior key is inserted. If the existing lock cylinder doesn't meet these requirements, it may cause serious issues. Please replace it with a compatible one before installation.

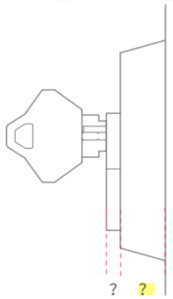


If Your Door Has an Interior Knob

Remove the knob and keep the screws for later use. Select the appropriate adapter based on the shape of the lock cylinder tailpiece.
If the knob cannot be removed from the existing lock cylinder, replace the lock cylinder before installation.



Measure the thickness of the interior door lock cover and the height of the lock cylinder protruding from the cover.
You may choose to use the included EVA pad to enhance stability. Adjust the thickness by stacking the EVA pads as needed.



Product Installation

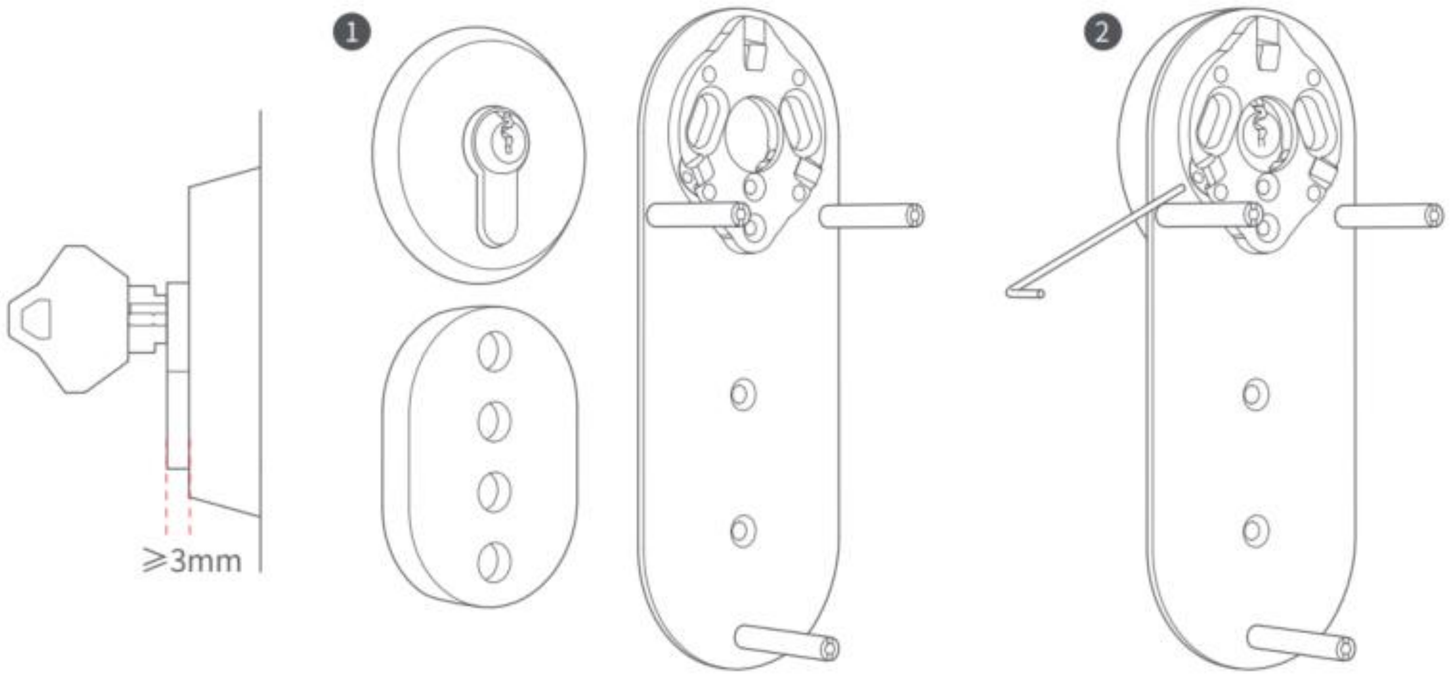
Screw Installation

If the lock cylinder protrudes ≥ 3mm, you can secure the fixed plate using screws.

Use the provided hex key to tighten the three screws clockwise to secure the lock to the cylinder.

Over-tightening may affect the lock cylinder's performance, causing issues with locking and unlocking.

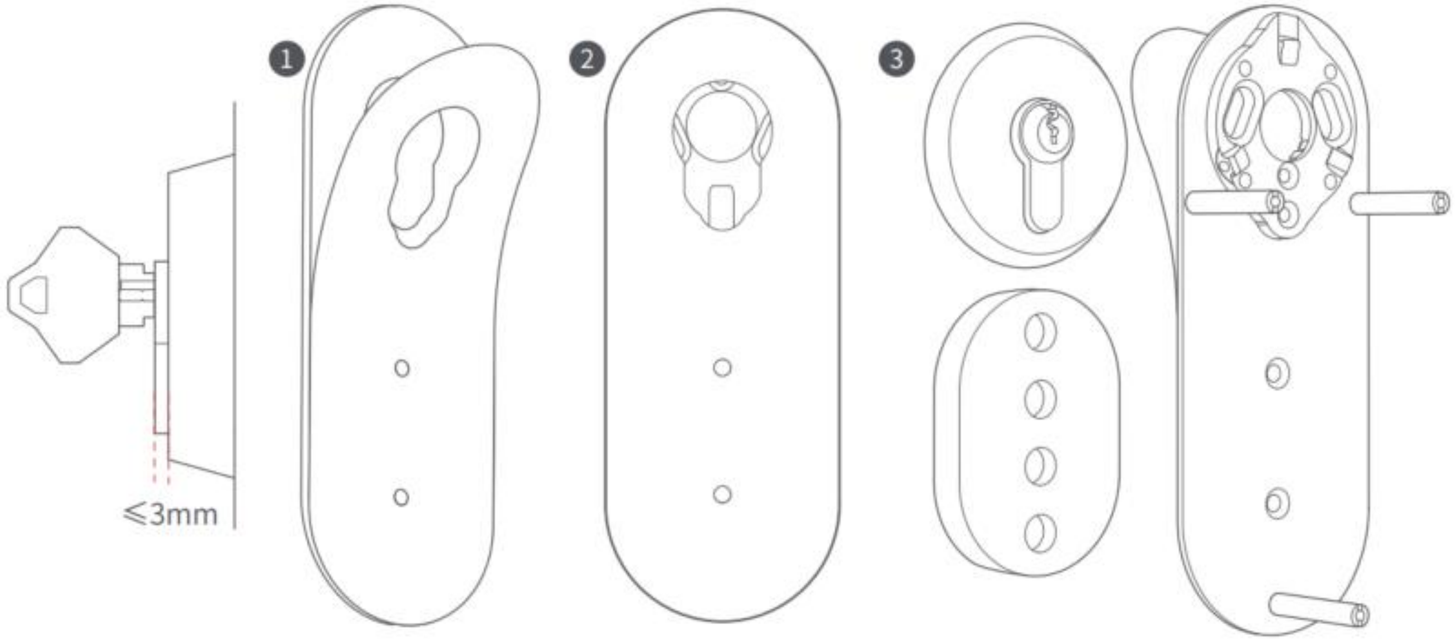
Note: Afer removing the fixed plate, pre-tighten the screws by turning them 10 times clockwise to speed up the installation process.



Product Installation

3M Adhesive Installation

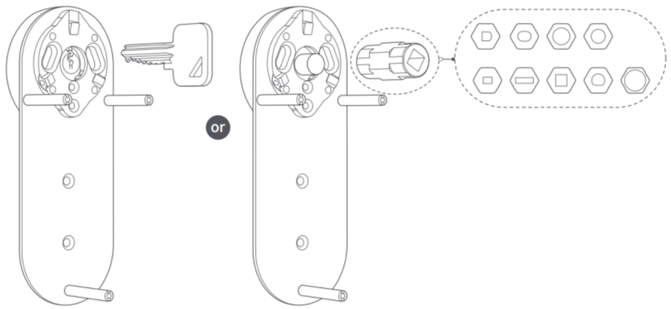
If the lock cylinder protrudes ≤ 3mm, you can use the 3M adhesive method to secure the fixed plate, or replace the lock cylinder before installation. Clean the area around the fixed plate and cylinder to remove dust. Peel off the yellow backing of the 3M adhesive and apply it to the fixed plate. Then peel off the red backing and attach it to the lock cylinder. Press and hold the fixed plate for 60 seconds to enhance adhesive stability. To remove the fixed plate, use a hairdryer to heat the adhesive, making it easier to detach.



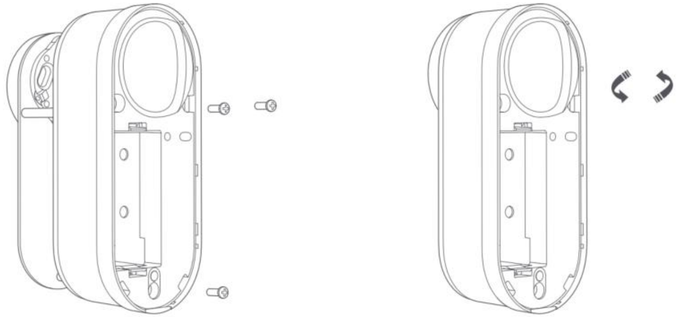
Product Installation

Installing the Key or Adapter

If your knob tailpiece is cylindrical, use the original knob screws to secure the adapter.



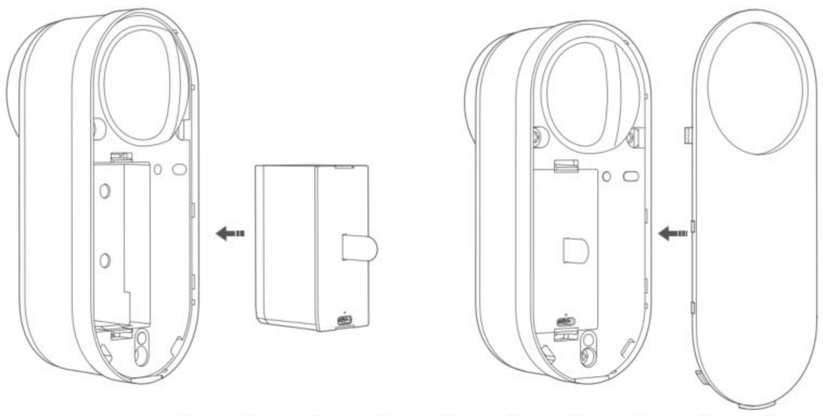
Open the battery cover and secure the lock to the fixed plate with screws. Rotate the knob to ensure smooth locking and unlocking. Adjust the screw tightness if necessary to avoid operational issues.



Note: Adapters are consumable parts and may need replacement afer about 2 years. You can purchase new adapters or download 3D files from the Aqara website to print your own. Aqara cannot guarantee the strength and durability of self-printed adapters.

Product Installation

Insert the batteries, cover the battery plate, and complete the lock installation. Next, proceedwith the keypad installation.



Lock Calibration

Afer installation, users can calibrate the door lock using the Aqara Home app or directly on the lock. Here's how to calibrate on the lock:

1. Close the door and unlock it from the inside. Press and hold the Set button on the lock for 3 seconds to start calibration.
2. The lock will beep twice, then rotate to the unlock and lock positions. It will play a tune when calibration is complete.

Note:

1. Two beeps during calibration indicate failure. The lock won't function properly if calibration is incomplete.
2. If calibration fails or is inaccurate, check if the mounting screws are too loose or tight and adjust them before retrying.
3. If calibration issues persist, use the manual calibration feature in the Aqara Home app

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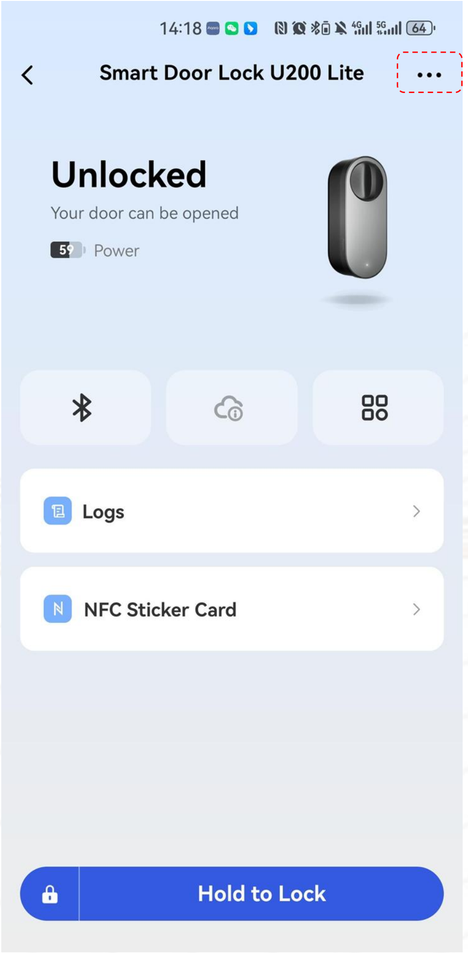
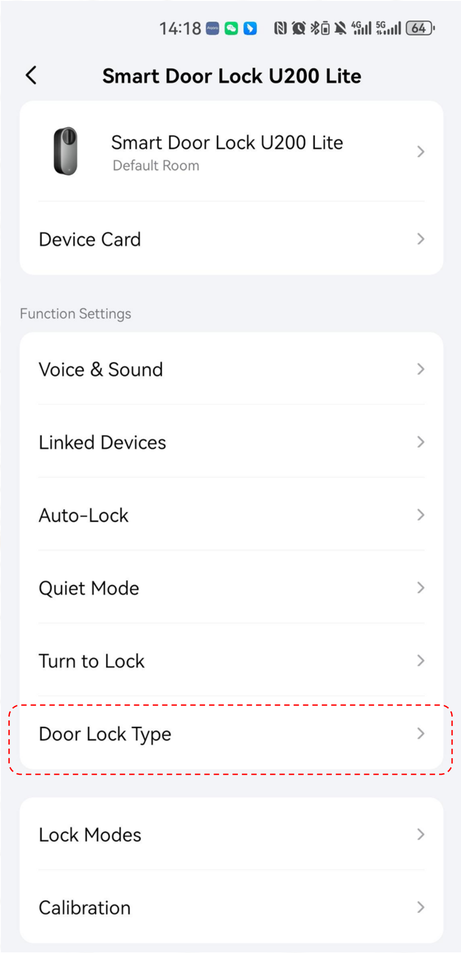
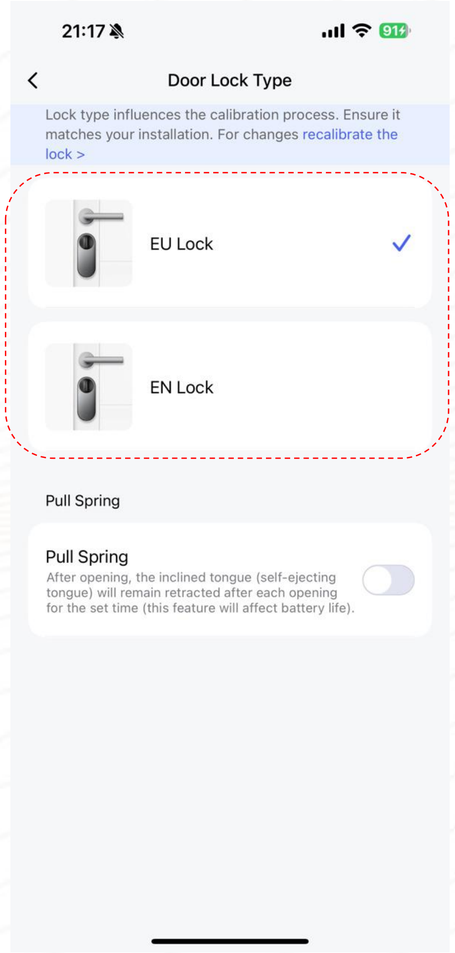
Choose Door Lock Type



Go in the Device main page and Click "..."

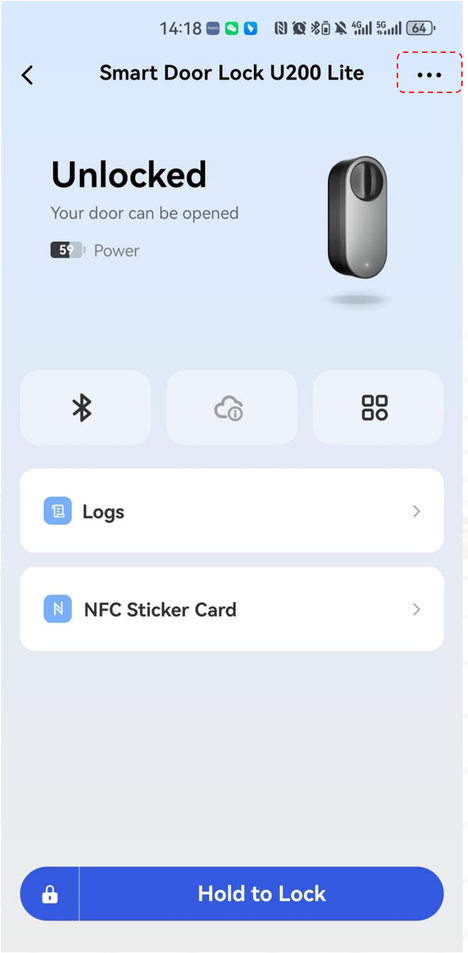


Click "Door Lock Type"



Choose Type and exit

Pull Spring



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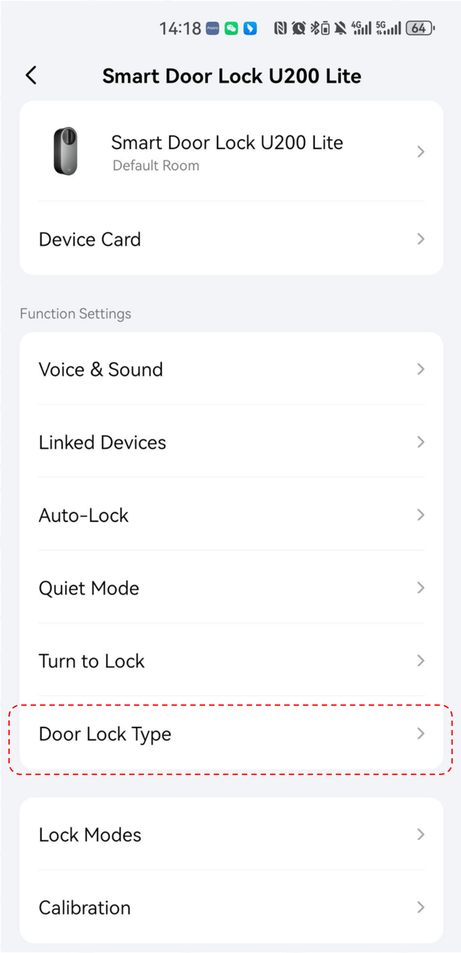
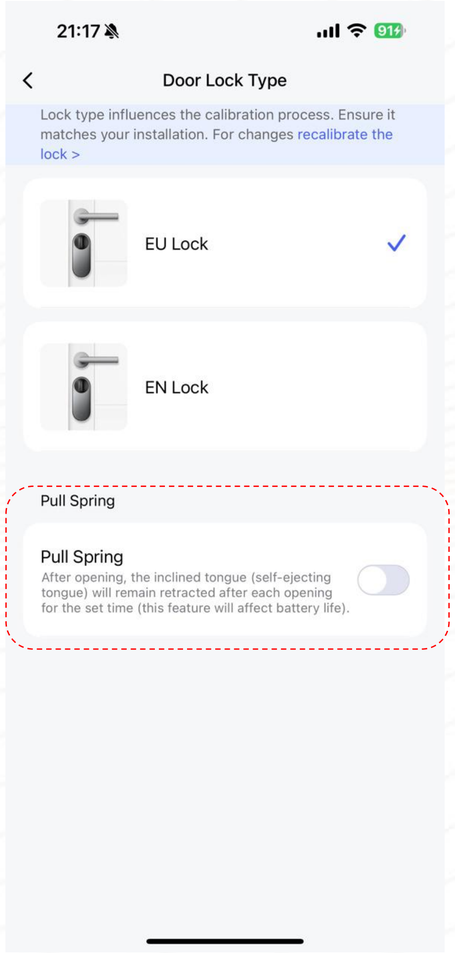
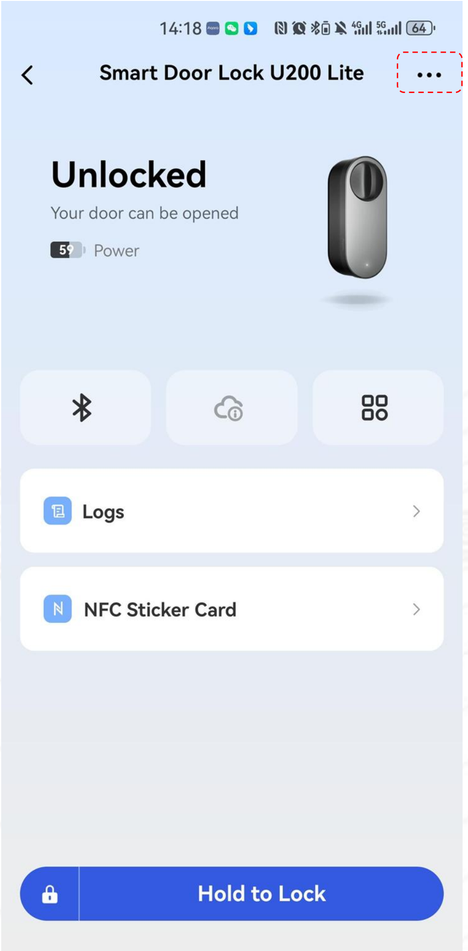


Click "Door Lock Type"

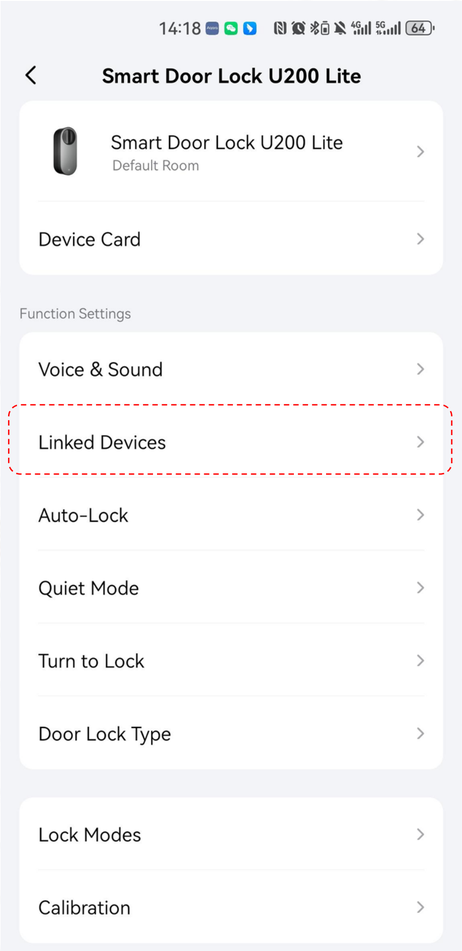


Turn on the Pull Spring

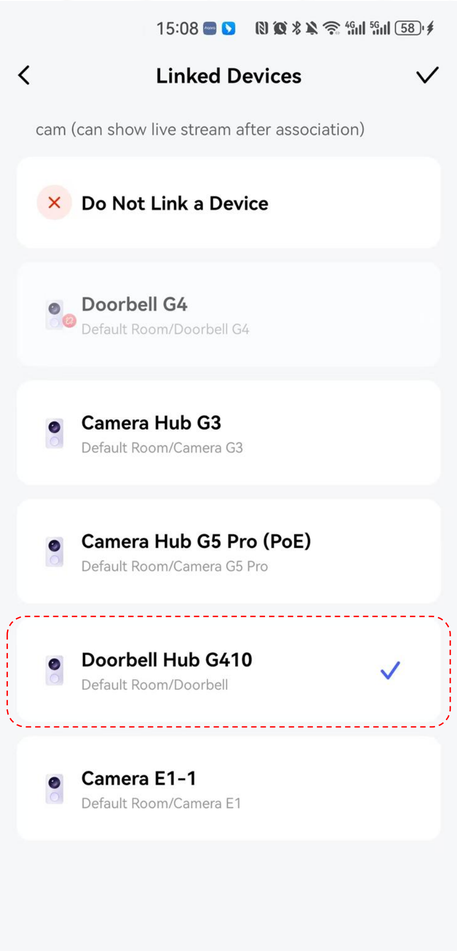
Linkage Doorbell Hub G410



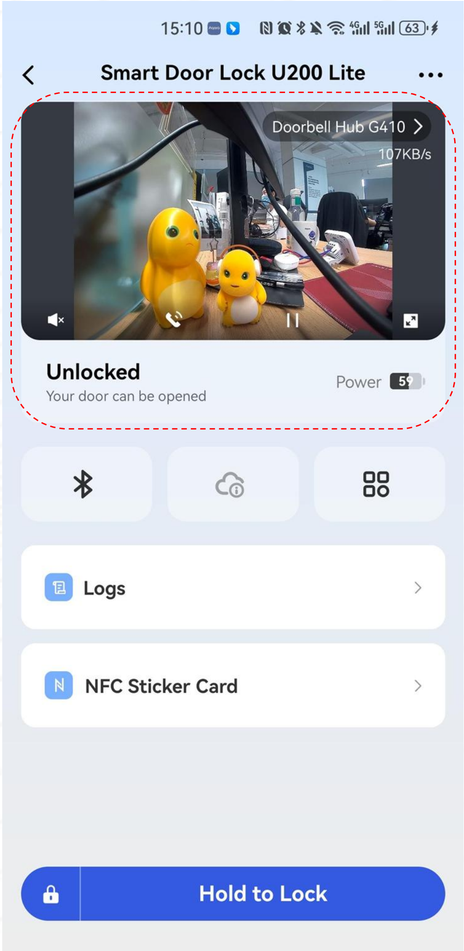
Go in the Device main page and Click "..."



Click "Linked Devices"

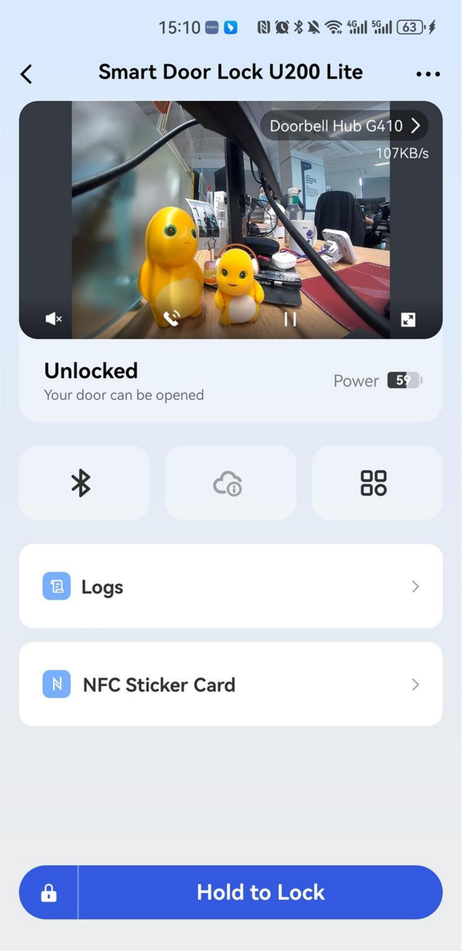


Choose the camera and save it

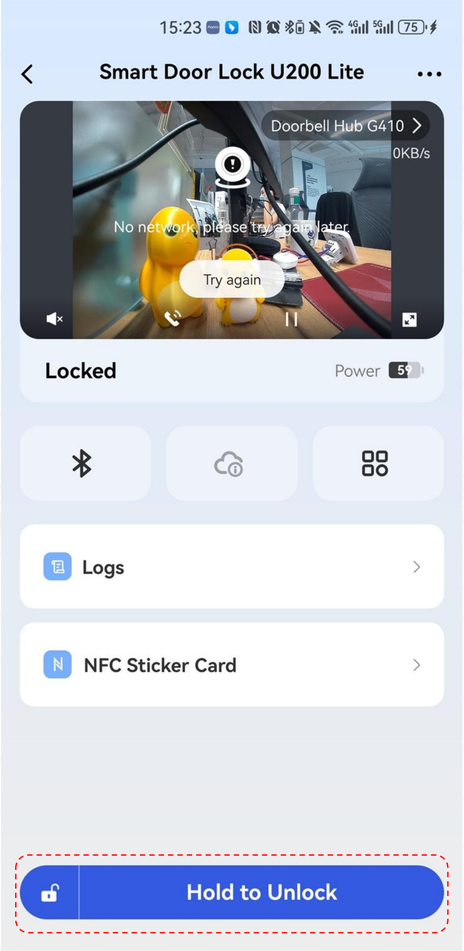


The video will show in main page of devices

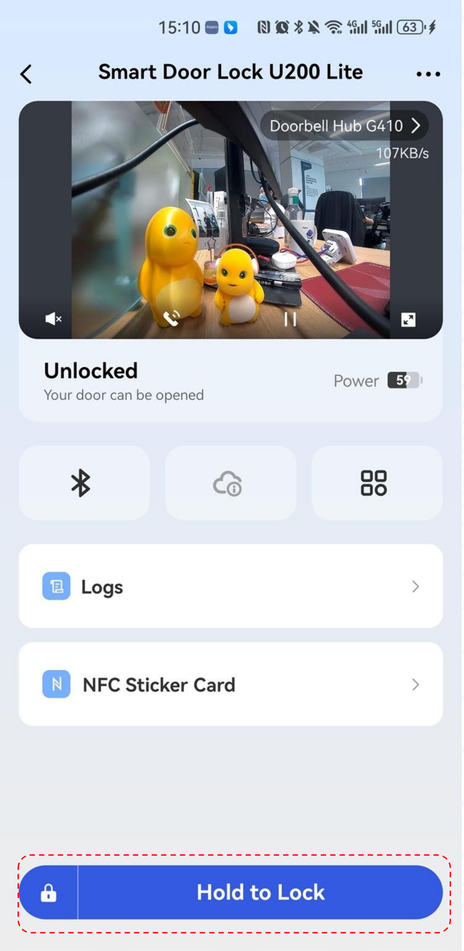
Remote Lock and Unlock function



Go in the main page of devices (TBD)

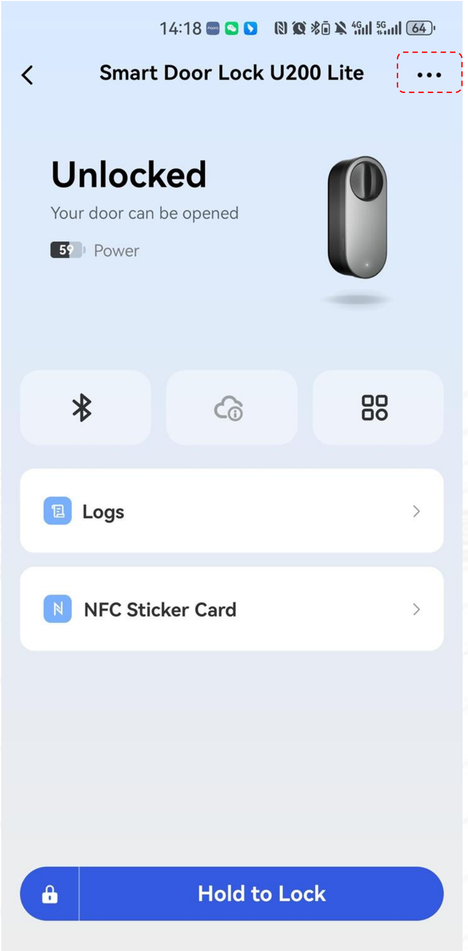


Hold to Unlock the lock



Hold to Lock the lock

Auto-Lock Function



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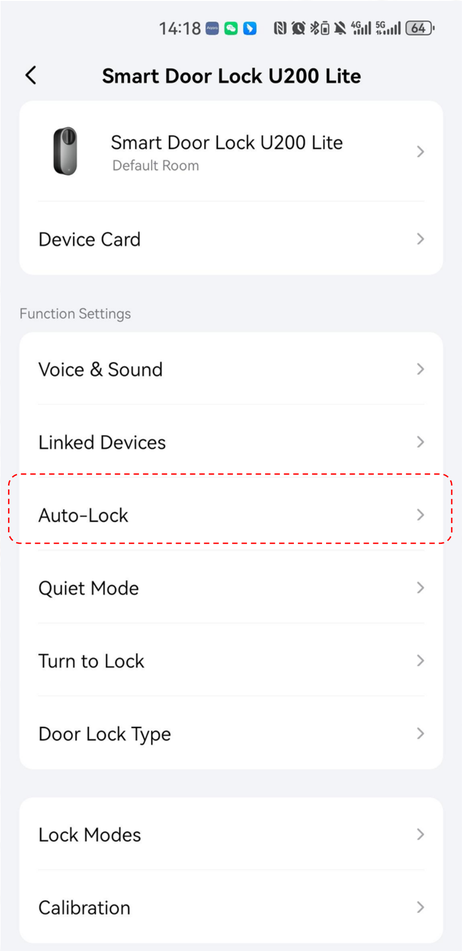
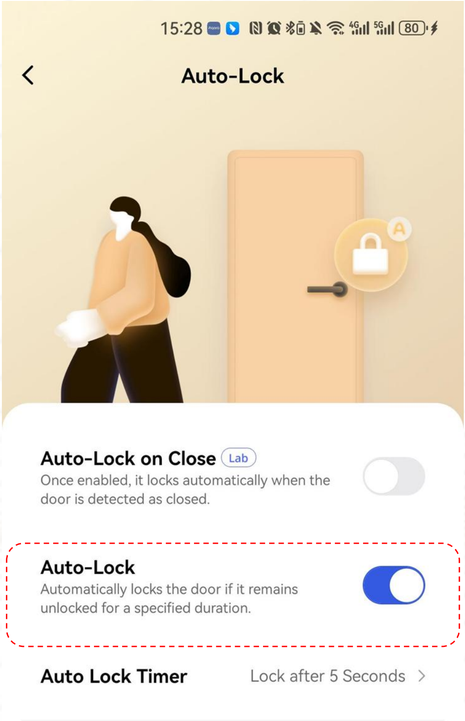
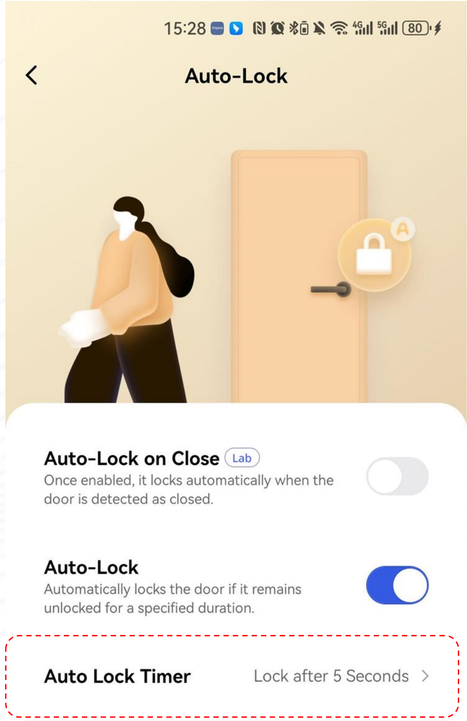


Click "Auto-Lock"

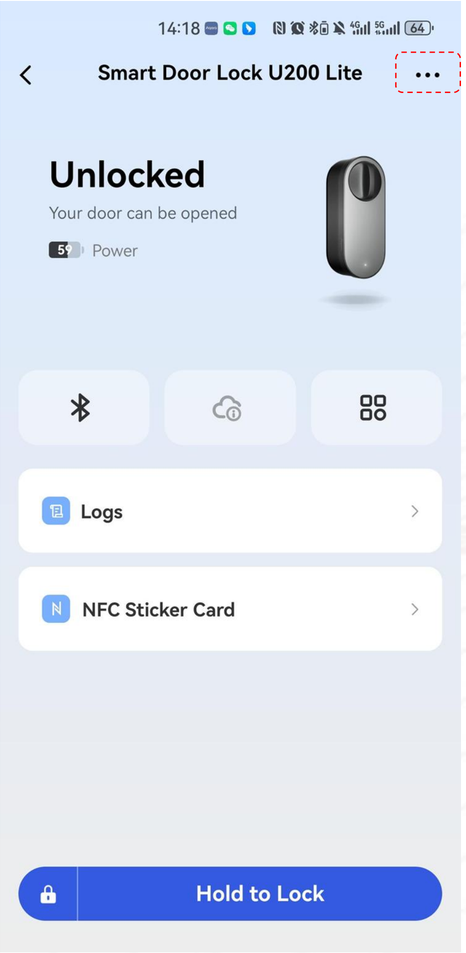


Turn on the Auto-Lock function



Set up the Timer

Turn to Lock Function



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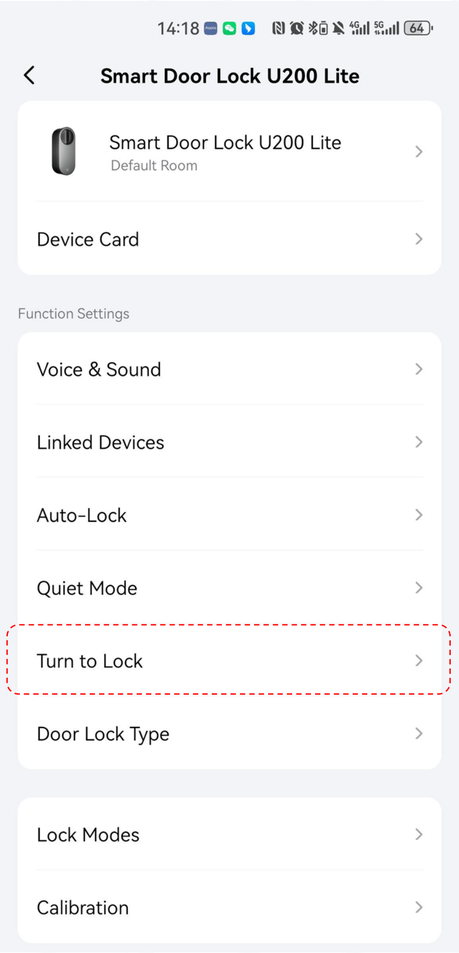
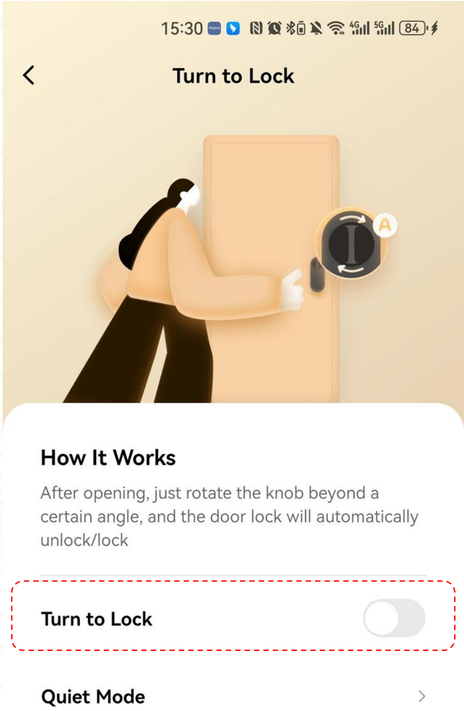
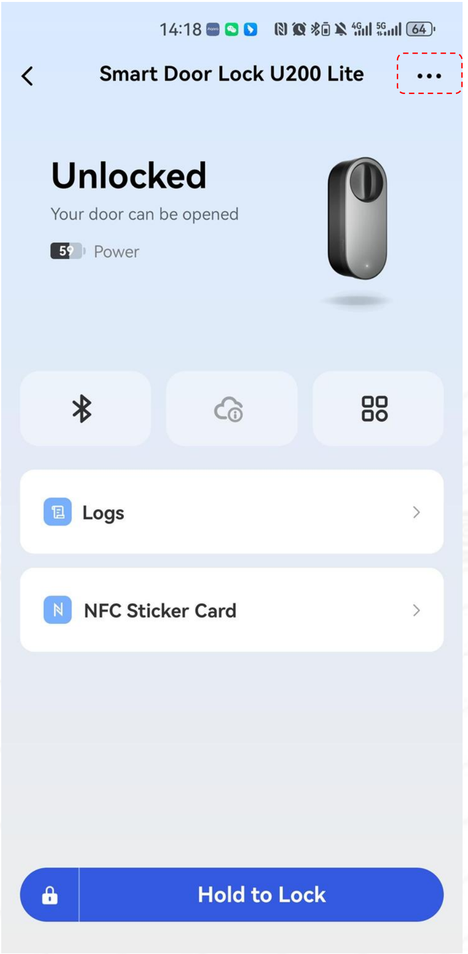


Click "Auto-Lock"

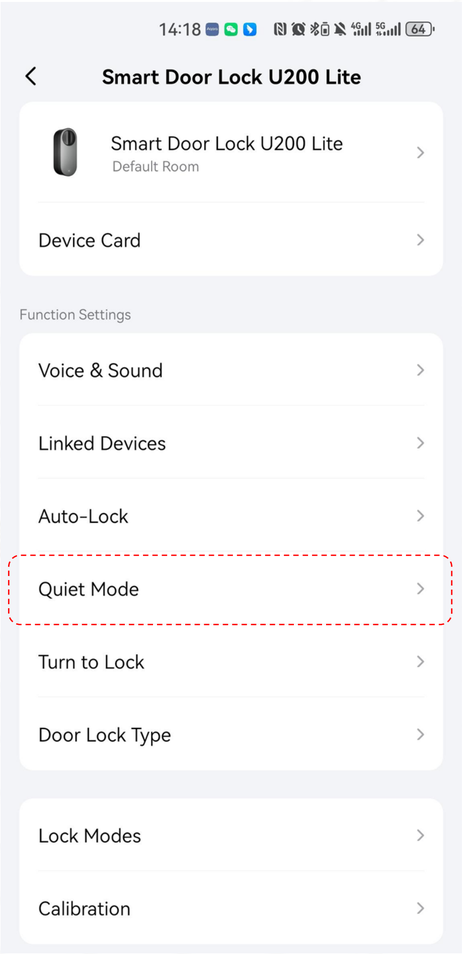


Turn on "Turn to Lock"

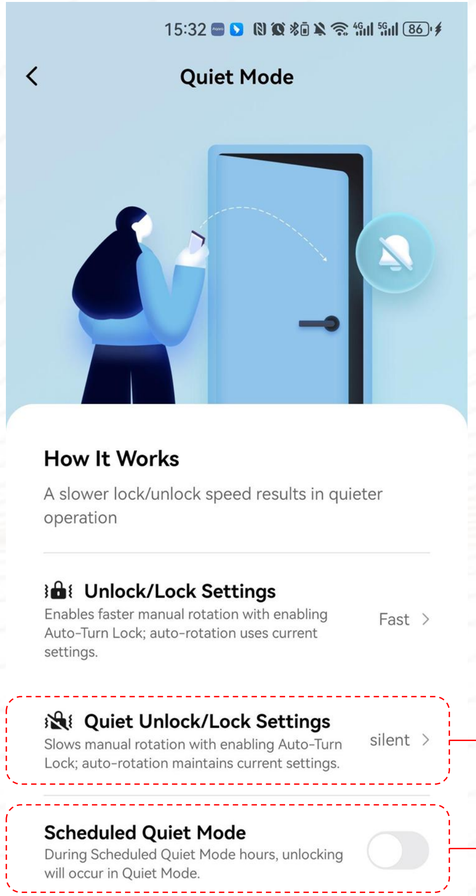
Turn to Lock Function

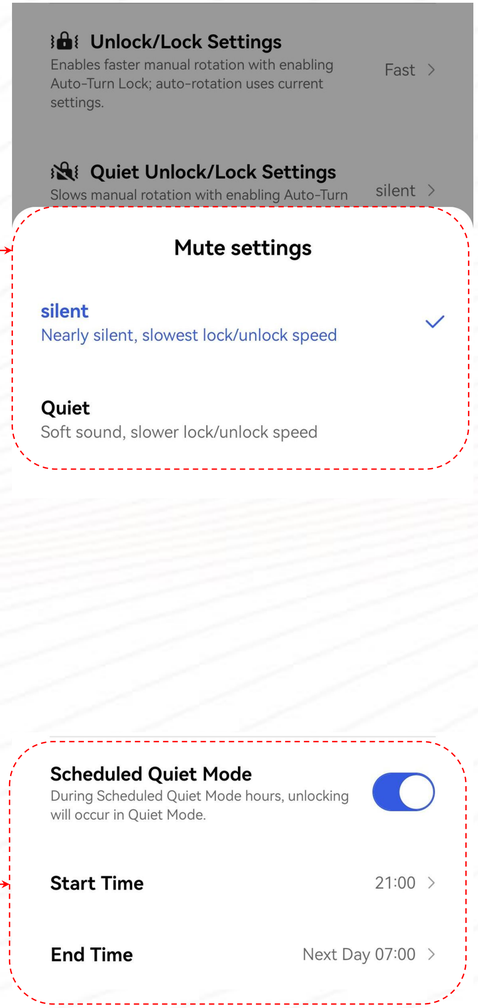


Go in the Device main page and Click "..."



Click "Quiet Mode"





Set up the "Quiet Settings" and Scheduled

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FAQ

Aqara

1. How to add an NFC Sticker Card?

1) Currently, the NFC Sticker Card can only be added in the Aqara Home app. Please add the NFC Sticker Card through the Aqara Home app;

2) After successfully binding the U200 Lite to the Aqara app, enter the door lock's NFC Sticker Card function. First-time users will see detailed setup instructions. If you need to review the setup steps, click the ? in the top right corner to view detailed instructions.

2. Why can't I add the NFC Sticker Card?

1) Currently, the NFC Sticker Card can only be added in the Aqara Home app. Please add the NFC Sticker Card through the Aqara Home app;

2) Please ensure your phone supports NFC functionality;

3) Please ensure you have enabled the NFC function on your phone;

4) Do not attach the NFC Sticker Card to metal surfaces;

5) Make sure the NFC Sticker Card overlaps with your phone's NFC area;

3. Why can't I use the NFC Sticker Card after adding it?

1) Please make sure you have downloaded the Aqara Home app and check the NFC Sticker Card list in the Aqara app to confirm your NFC card has been successfully added to the door lock;

2) After adding the NFC Sticker Card, do not attach it to metal surfaces as this may affect its functionality;

3) Due to security requirements, the NFC Sticker Card can only be used after unlocking your phone, so please unlock your phone first;

4) Make sure the NFC Sticker Card overlaps with your phone's NFC area;

4. Can I add NFC Sticker Cards from other brands?

Yes, but once it is bound to an Aqara lock, if it is deleted or reset, any data previously used with other brands cannot be restored. Additionally, we cannot guarantee compatibility or user experience with NFC Sticker Cards from other brands, so we recommend using Aqara NFC Sticker Cards for optimal performance.

FAQ

Aqara

5. Can the Smart Lock U200 Lite work with a door without a handle?

Yes, the U200 Lite can operate the latch as well, making it suitable for doors with handles or those with only a keyhole. To use this function, enable the "Pull Spring" feature in the settings of Aqara Home app.

Settings -> Door Lock Type -> Pull Spring

6. What kind of lock is compatible with the U200 Lite?

Compatible Locks: EU Mortise Lock, Part of UK Lift lever lock（https://store-support.aqara.com/products/smart-lock-u200-lite/）

7. What is Emergency Function?

A cylinder equipped with this feature enables it to be unlocked from the outside using a key, even if another key is already inserted on the inside. The U200 Lite is specifically designed for compatibility with cylinders that offer this capability.

8. Which locks and cylinders are incompatible?

Self-locking locks/Rim locks/Gate locks/Other standardized cylinders that are outdated

9. Does Aqara sell Adjustable Cylinder?

Yes, if your lock cylinder does not meet the installation requirements, consider to purchase the Aqara Adjustable Cylinder.

10. How do I calibrate the door lock?

1) For Aqara Home Answer: Users:

Option 1: Go to "Settings"; "Calibrate Lock" in the app and choose either "Automatic Calibration" or "Manual Calibration."

Option 2: Long press (3s) the Set Button in the Door Lock for auto-calibration.

2) For Matter Users:

After installation, press and hold the "Set" button on the Lock for 3 seconds to initiate auto-calibration.

THANKS