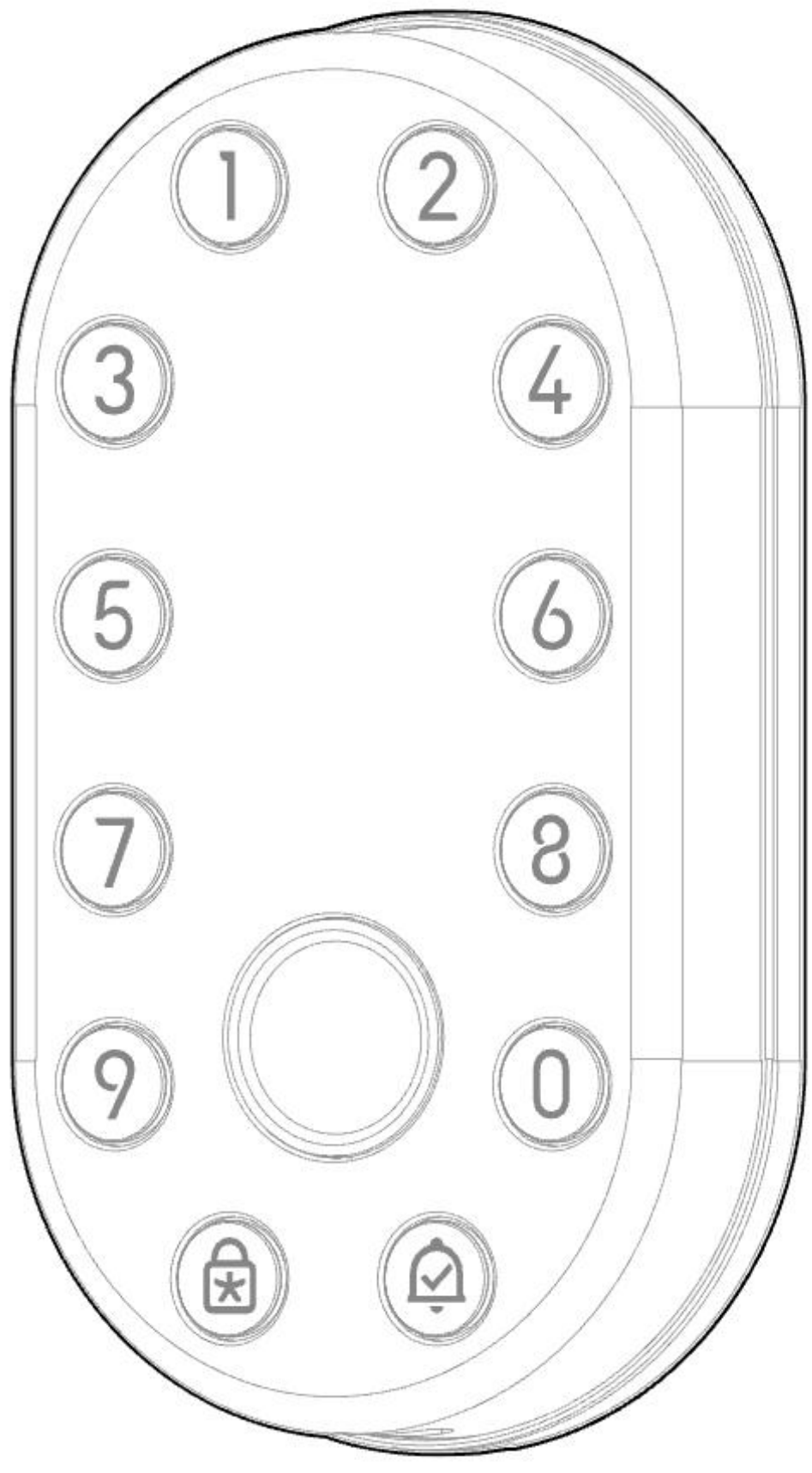
# Yunity

(B2713)
User
Manual

V2026

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Blusafe

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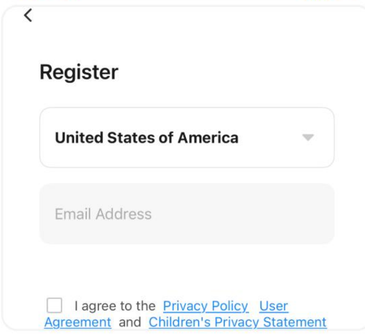
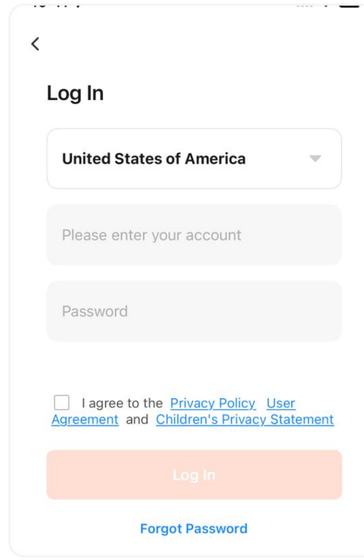
## Setup the App 1

① Download the "Tuya" App from the App Store or Google Play.

② Sign up for a tuya account, and add the smart lock to the device list.

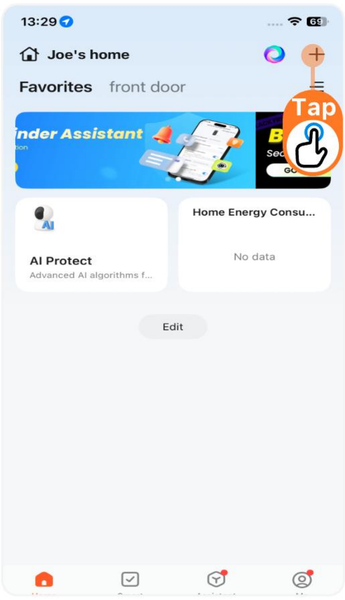


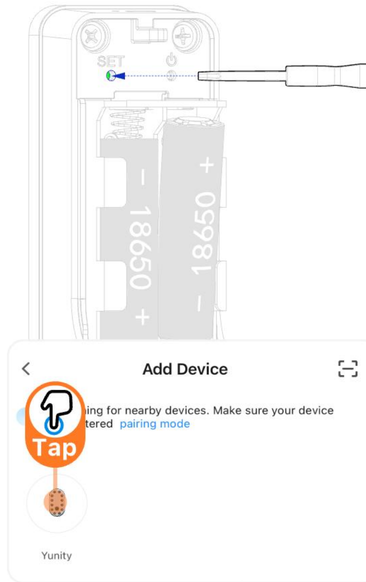




③ Click "+".

④ Press the SET button once as shown.

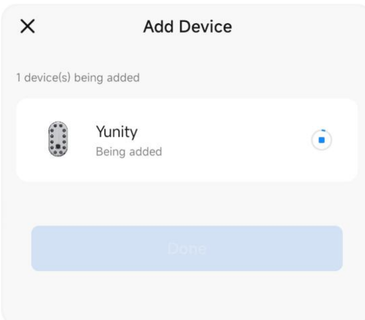
⑤ A "Discovering devices" window will pop up automatically. Click "Yunity".You can also select the lock below to add manually.

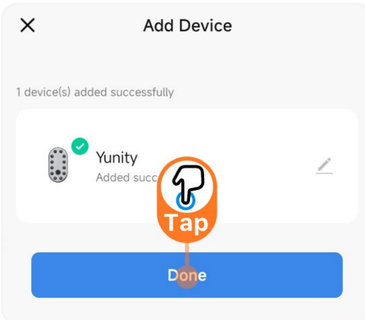


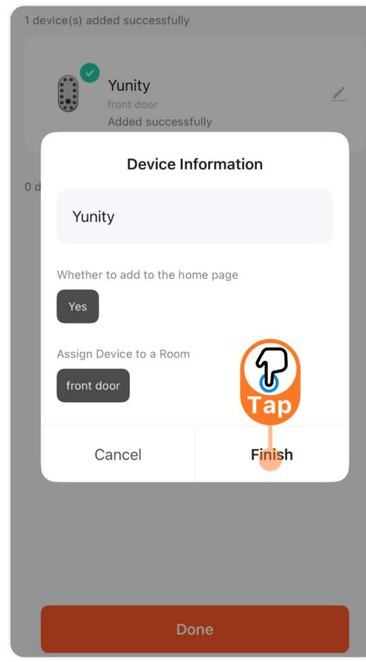




⑥ The lock will begin pairing with the App.

⑦ A popup will appear "1 device(s) added successfully".You may also assign a name for it.Then click "Done".



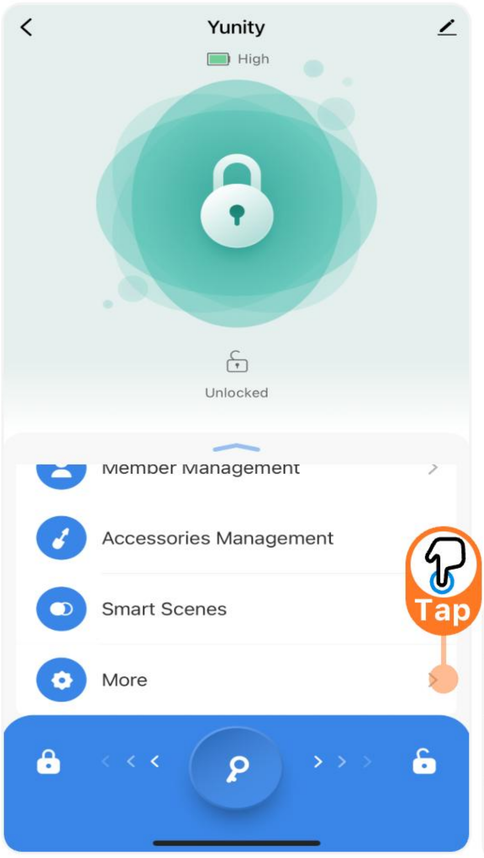



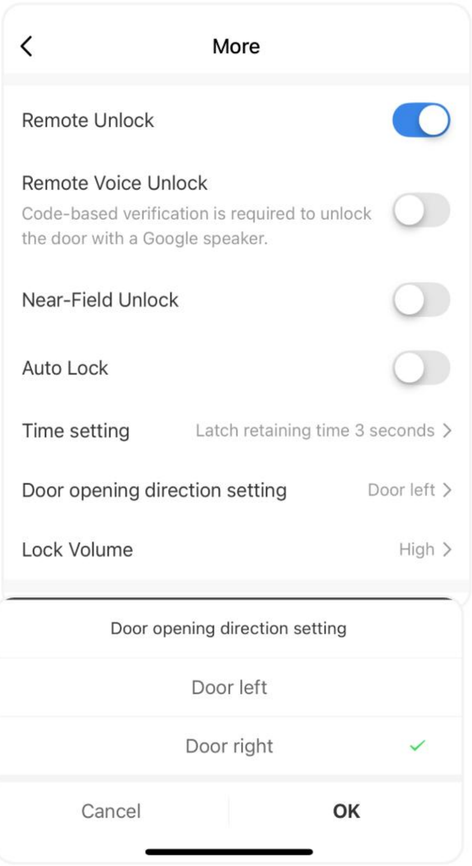
## Set Opening Direction 2.1

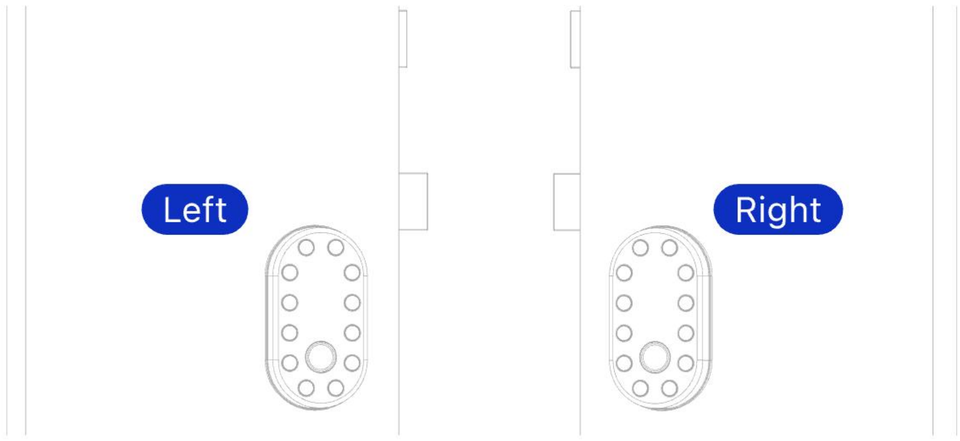
① Enter the lock interface, Click "More" at the bottom of your screen.

② Click "Door opening direction setting".

③ Select the opening direction and click "OK".



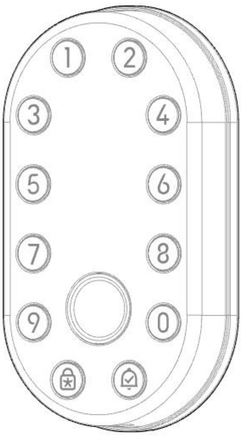




## Set Motor Torque 2.2

① Translate according to demand and input codes to select the torque grade.

Low: Press "01750🔔".
Medium: Press "01751🔔".
High: Press "01752🔔".




**Note**

If the motor torque is insufficient to fully extend or retract the latch/bolt during locking or unlocking, you can adjust this accordingly. The default motor torque is set to medium.

## Add/Remove Permanent Passcodes 3.1

**Important!**

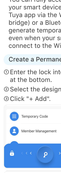
Only the Homeowner or an Administrator can create passcodes.

You could create both permanent and a variety of temporary passcodes depending on your needs.

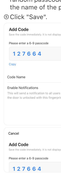
You can only access the features of your lock when your smart device is connected to it through the Tuya app via Wi-Fi (through the connected Wi-Fi bridge) or a Bluetooth connection. You can also generate temporary passcodes with your Tuya app even when your smart device is offline and unable to connect to the Wi-Fi or use Bluetooth.

### Create a Permanent Passcode 3.1.1

① Enter the lock interface, Click "Member Management" at the bottom.
② Select the designated member.
③ Click "+ Add".

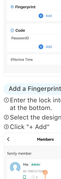


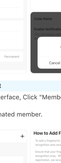
④ Input a 6-9 digit passcode or use the random passcode generator to create one. Edit the name of the passcode.
⑤ Click "Save".



### Remove a Permant Passcode 3.1.2

① Enter the lock interface, Click "Member Management" at the bottom.
② Select the designated member.
③ Click "Delete Code".
④ Click "OK".

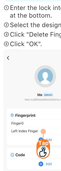



### Add a Fingerprint 3.2.1

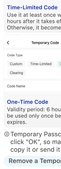
① Enter the lock interface, Click "Member Management" at the bottom.
② Select the designated member.
④ Click "+ Add"

⑤ Follow the voice prompts and add a fingerprint to the lock. It is recommended to place your finger in different positions each time you place it on the sensor.
⑥ Edit the name of the fingerprint, then click "OK".



### Remove a Fingerprint 3.2.2

① Enter the lock interface, Click "Member Management" at the bottom.
② Select the designated member.
③ Click "Delete Fingerprint"
④ Click "OK".



### Create a Temporary Passcode 3.3.1

① Click "Temporary Code" at the bottom of the lock interface, Select the code type.

**Time-Limited Code**

Use it at least once within 24 hours after it takes effect. Otherwise, it becomes invalid.

**Custom Code**

You can set a recurring passcode using the "Repeat Weekly" feature by choosing specific days, start and end time.

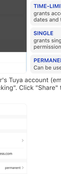
**One-Time Code**

Validity period: 6 hours. It can be used only once before it expires.

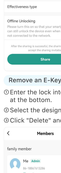
② Temporary Passcode would not be shown in app after click "OK", so make sure you save it or click "Share" to copy it or send it via an email.

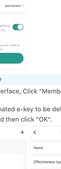
### Remove a Temporary Passcode 3.3.2

② Click "Records".
③ Select the passcode to delete.




**Time-Limited Code**



**One-Time Code** **Custom Code**

### Share an E-Key 3.4.1

**Important!**

- Only the Homeowner or an Administrator can share e-keys
- The receiver of an e-key must install the Tuya app and register with their email address.

① Enter the lock interface, Click "Member Management" at the bottom.
② Click "+", and select "Share".
③ Select type.







④ Input the receiver's Tuya account (email address). Turn on "Offline Unlocking". Click "Share" to send the e-key to the receiver.

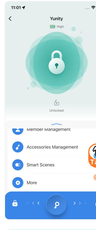



### Remove an E-Key 3.4.2

① Enter the lock interface, Click "Member Management" at the bottom.
② Select the designated e-key to be deleted.
③ Click "Delete" and then click "OK".

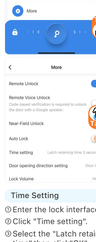
## Change Volume 4.1

① Enter the lock interface, Click "More" at the bottom of your screen.
② Click "Lock Volume".
③ Select the volume/mute and click "OK".



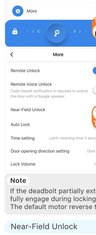

## Auto-Lock 4.2

① Enter the lock interface, Click "More".
② Turn on "Auto-lock".
③ Set the "Delay Time",and click"OK".




## Time Setting 4.3

① Enter the lock interface, Click "More".
② Click "Time setting".
③ Select the "Latch retaining time"or"Motor reverse time",then click"OK".

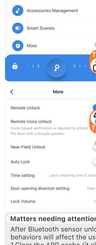



**Note**

If the deadbolt partially extends during unlocking or fails to fully engage during locking, you can adjust this accordingly. The default motor reverse time is 400ms.

## Near-Field Unlock 4.4

① Enter the lock interface, Click "More".
② Click "Near-Field Unlock".
③ Set up the geofence and unlock signal strength, then click Save.

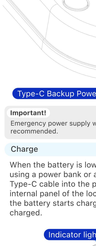



**Matters needing attention**

After Bluetooth sensor unlock is enabled,the following behaviors will affect the use:
1.Clear the APP cache (it clears geolocation information)
2.The Accessory is currently in another family
3.The device is shared,or is not the administrator of the family
4.The account belongs to the logout state
5.Bluetooth or positioning is not enabled

## Backup Power 4.5

A mobile power bank can be used to charge the lock in case of emergency. Plug the Type-C cable of a power bank into the backup power portal underneath the external lock.




**Important!**

Emergency power supply with 5V/2A output or above is recommended.

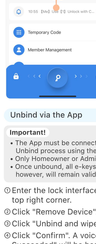
## Charge 4.6

When the battery is low, you can charge the lock using a power bank or a power adapter. Insert the Type-C cable into the power port located above the internal panel of the lock; the light will turn red when the battery starts charging and green when it is fully charged.

## Search Records 4.7

The Homeowner and other members with Administrator level authority can access the unlock records/activity log. This shows a record of every time the door was unlocked, at what times it was unlocked, and by which users.

① Enter the lock interface, Click the Bell icon at the bottom of your screen.
② Choose records by Time/Operate/User to view accordingly.

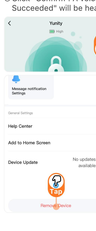



## Unbind via the App 4.8

**Important!**

- The App must be connected to your Yunity to complete the Unbind process using the App.
- Only Homeowner or Administrator can unbind the lock.
- Once unbound, all e-keys will become invalid. The passcodes, however, will remain valid.

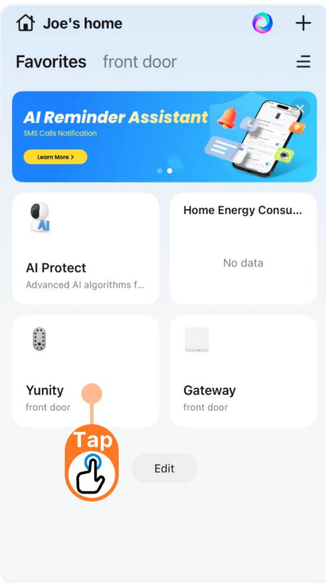
① Enter the lock interface, click the pencil icon at the the top right corner.
② Click "Remove Device".
③ Click "Unbind and wipe data ".
④ Click "Confirm". A voice prompt "Unbinding Succeeded" will be heard.

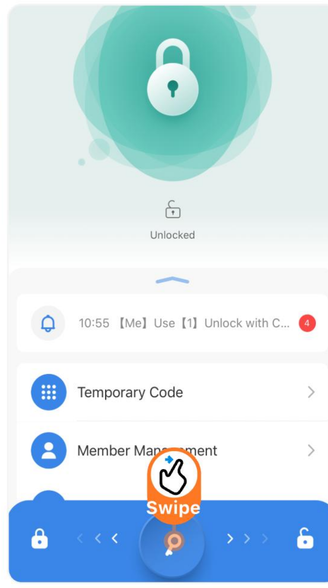


## Lock/Unlock via the App 5.1

① Enter the lock interface

② Swipe the key icon at the bottom, left or right to lock/unlock your smart lock.
You will hear the voice prompt 'Door locked' or 'Door open'. At the same time, the locked status on the application will update in real-time.




### Fix – Popup not Appearing

- If the 'Tap to connect the device' message is displayed in the green banner, the app is not connected to the lock, and you will not be able to operate it. Ensure that your Bluetooth is turned on if you are next to the lock. If you are unlocking remotely, ensure that you have a Wi-Fi signal.
- If you are unlocking remotely and you cannot connect to the lock, there may be a problem with the Wi-Fi connection at the property.
- Providing the above does not work, try completely closing the App and re-open it again.

## Lock/Unlock via Passcodes 5.2

① To unlock your Yunity, enter your 6-9digit passcode and press the "" icon.

② Press the "" key to lock.

## Lock/Unlock via Fingerprints 5.3

① Touch the fingerprint sensor to unlock.

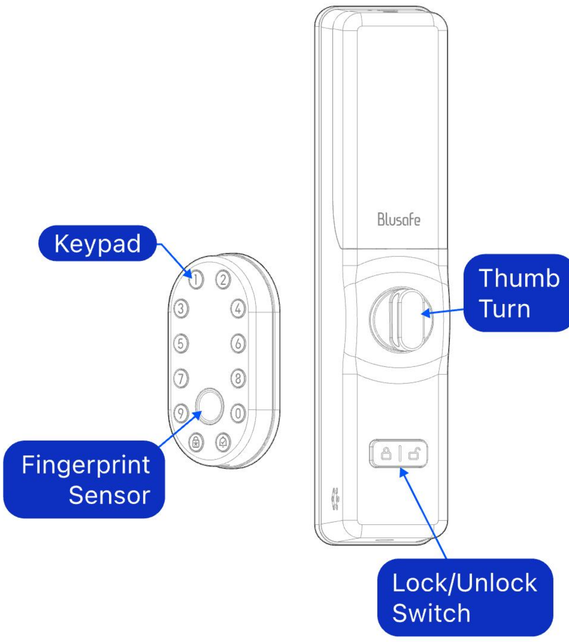
② Press the "" key to lock.

## Lock/Unlock via Lock/Unlock Switch 5.4

① Press the interior panel switch button to unlock or lock.

## Unlock via Thumbturn 5.5

① Push in the thumbturn, and turn clockwise or counterclockwise depending on the door orientation.



## System Lockout 6.1

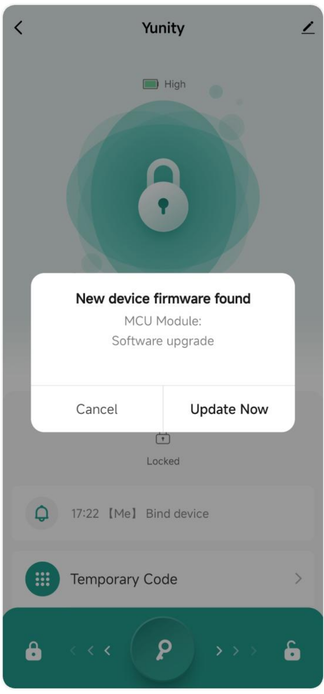
If unlocking attempts using the passcode (or fingerprint) fail consecutively for 10 times, you will hear 'Passcord (or fingerprint) exceeds usage limit.. Please try again later.' Your smart lock will enter lockout mode for 60 seconds.
During lockout mode, the current unlocking method will not work, but you can still unlock using the app or another unlocking method available under lockout mode (e.g., if passcode is locked, you can unlock using fingerprint).
After the 60-second lockout period, all entry methods will resume normal operation.

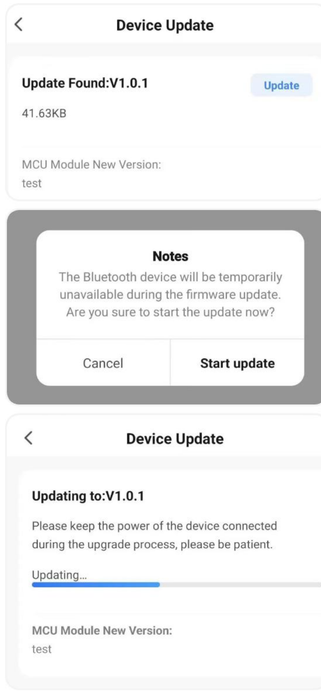
## System Recovery 6.2

A system recovery will be triggered automatically after an unsuccessful firmware upgrade. The lock system will be recovered to a previous workable version of firmware once triggered.

## Firmware Upgrade 6.3

Once a firmware upgrade available, a notification will pop up automatically in device interface of the Tuya App. Click "Upgrade Now" to complete the process.

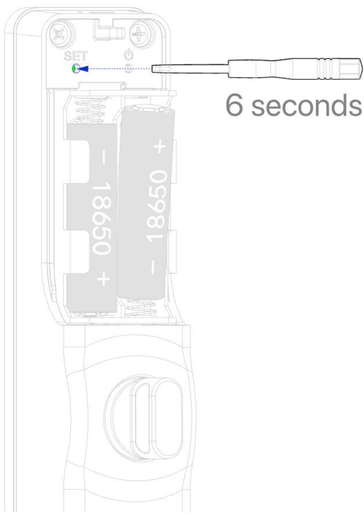



## Factory Reset 6.4

**Warning!**
Once factory reset, the lock will not just be clearing all user data ,but also reset the door open orientation.

① Press and hold the SET button for more than 6 seconds, a voice prompt "Restore factory settings, Please verify the administrator information" will be heard.
② Input "9090#" on keypad. Upon success, you will hear a voice prompt Initialization successful that the factory settings have been restored successfully.



## Pair Your Yunity with a Wi-Fi Bridge

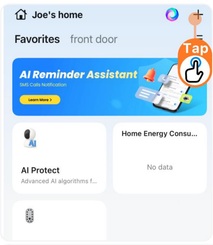


**Important!**

- The Homeowner account must be setup on the smart device being used to pair the Connect Wi-Fi bridge and the lock.
- The Connect Wi-Fi bridge should be plugged in and be within approximately 1 metre (4 feet) of the lock during pairing.
- The smart device and the Wi-Fi bridge must be connected to the same Wi-Fi network during the pairing.
- Please make sure any VPN on your smart device is turned OFF during the pairing.

① Enter the Tuya app on your smart device.

② When you open the App, a popup window will appear titled "Discovering devices...". Select "Add".



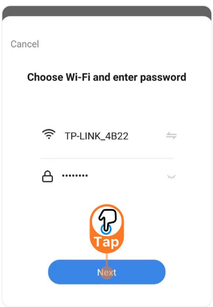

**Fix – Popup not Appearing**

- If the popup window does not appear when you open the App, please close the Application, and unplug the Wi-Fi bridge. Once the App is closed and Wi-Fi is unplugged, plug in the Wi-Fi bridge first and then open the App on your smart device.
- Alternatively, stand close to the bridge, and click "+" at top right corner in the App main page, followed by "Add Manually". You will see a Wi-Fi bridge/gateway icon display. Select the Wi-Fi bridge you want to add.

③ Enter the bridge interface, select Wi-Fi, and enter the Wi-Fi password. Click "Next". After you click "Next", the Wi-Fi bridge will start pairing with the App.

④ Wait until the pairing is completed.

⑤ Edit the name of bridge at the top right corner or click "Done".




**Fix – App Freezes During Pairing**

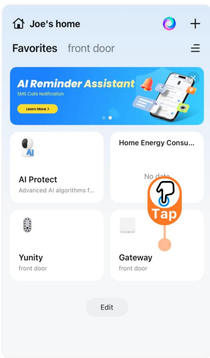
Exit the App completely and re-start the pairing process.

**Important!**

Please ensure your dual band router is set to 2.4GHz mode. If this is not done and the device is left in 5GHz, you may experience some issues with pairing as the device will be looking for the 2.4GHz signal. For instructions on setting your router to 2.4GHz, please consult your router's user manual or contact the manufacturer.

⑥ Enter the bridge interface in your Tuya Application.

⑦ Click "Add device" at the bottom of the App, and then click "Add existing".

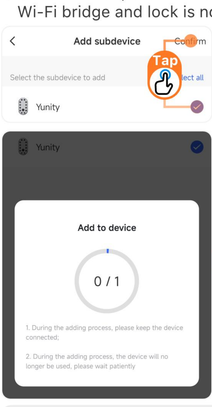



**Fix – Lock Not Appearing in the App**

If the lock does not appear in the window, click "search new device" instead, which is located at the bottom of the App.

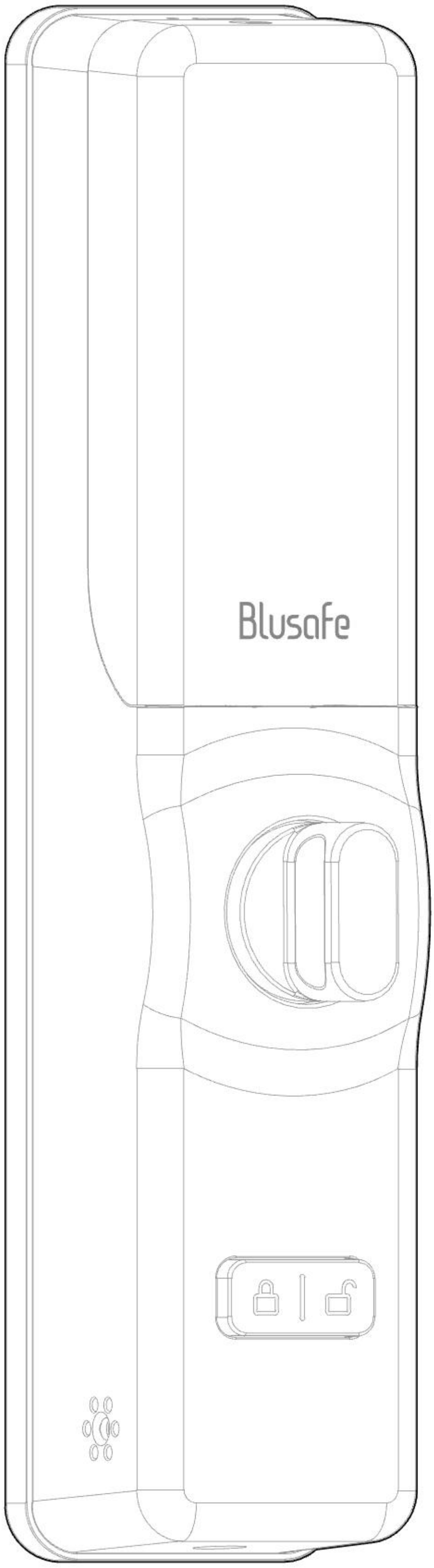
⑧ Find the lock which the Wi-Fi bridge is to be paired, click the icon and select "Confirm", followed by " Immediately to join"..

✓ Once finished, click "Finish". The pairing between the Wi-Fi bridge and lock is now complete.




**Note**

After the pairing is complete, users with Administrator access can now remotely manage and control the lock. For example, remotely unlock the lock using the App, add e-keys; remotely add / manage / delete passcodes and so on.

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