sylvan®

SL40E

INSTALLATION INSTRUCTIONS

sylvan
WARRANTY*
2 YEARS MECHANICAL
2 YEARS ELECTRONIC

Version 8

1 2 3
4 5 6
CAPD
7 8 9
* 0 #
sylvan

Introduction

Thank you for choosing Sylvan, this lock is for Residential use only, and its two year warranty (mechanical and electronic) only applies for locks being used for residential use.

To ensure you get the best out of your purchase we ask that you follow the below:

- Please read these instructions fully before installation of this lock.
- We recommend this lock is installed by a professional installer or a serious DIYer to ensure correct installation and operation.
- The supplied rubber boots must be installed; however, this smart lock requires a smooth flat surface to hold its water tightness. This lock is not suitable for use on a tongue and groove door, where water can penetrate the lock via a groove in the door.
- We recommend that this lock is never fully exposed to direct weather for long periods of time. For long lasting properties of the product, positioning the lock under a eve or sheltered position is best.
- This lock is rated IP55, but only on the outward face of the lock. No warranty is given if the lock gets damaged from water for the inside of the door.
- This lock is not suitable for use on a gate.
- This lock comes with a mechanical key override, this can be used in a situation of complete battery loss. We recommend an override key is put somewhere safe outside in case complete power loss.
- Replace batteries when they are showing low voltage on the app.
- All batteries used with this lock must be high quality Alkaline (4 x AA batteries), to ensure long lasting use.
- Lithium or rechargeable batteries cannot be used with this lock.

sylvan
WARRANTY*
2 YEARS MECHANICAL
2 YEARS ELECTRONIC

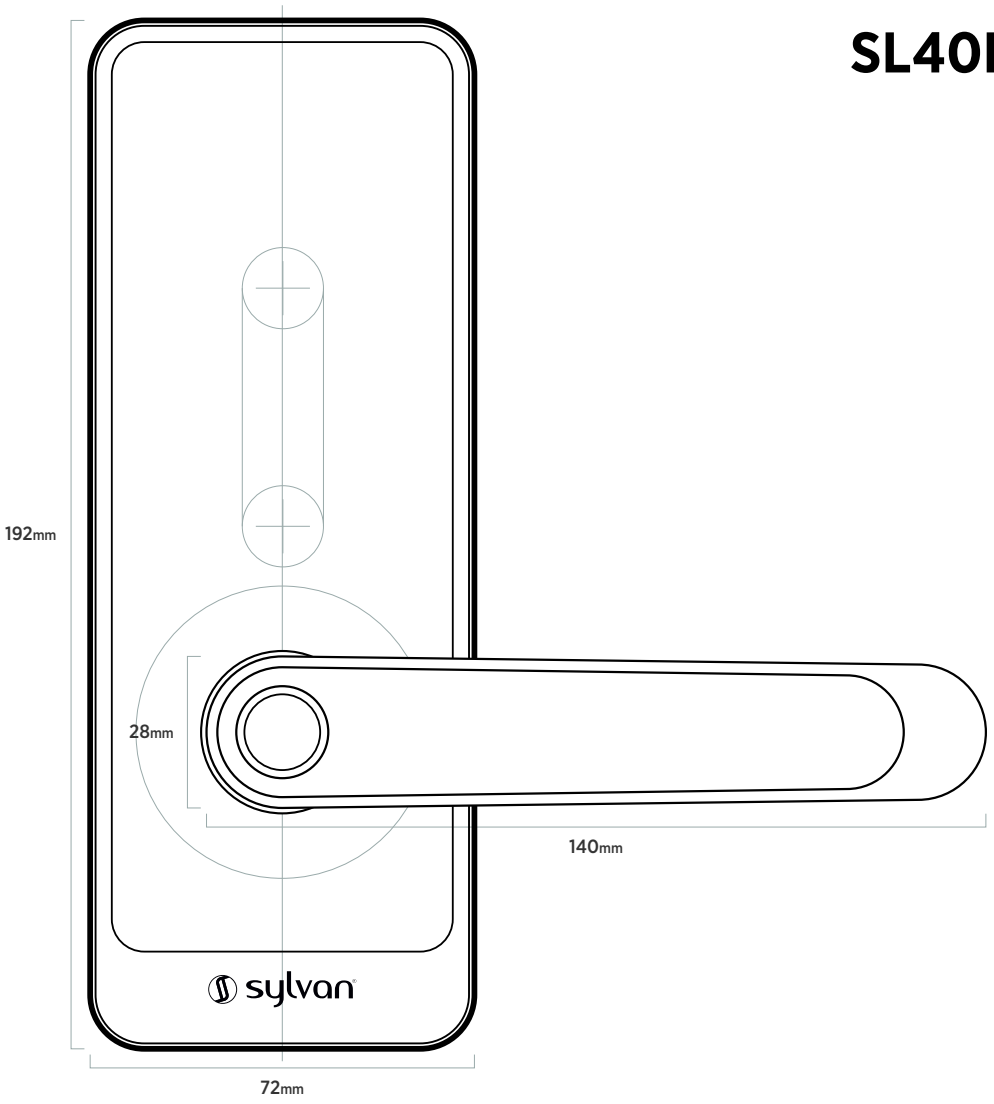
Installation Video
Scan this code:

App Setup Video
Scan this code:

If you prefer not using an app for programming your smart lock, most functions can be setup manually using the instructions here:

Lock Dimensions

SL40E



Product specifications:

Model number	SL40E	**Door thickness range**	35mm - 60mm
Material of Manufacture	Aluminum alloy	**IP rating**	IP55
Weight	3 kg	**Type of use**	Residential use only
Options of unlocking	Blue tooth Finger print Passcode Card Mechanical key Gateway (optional) Disc (optional)	**Passcode capacity**	App unlocks infinite Fingerprints: 200 max Passcodes: 150 max RFID Cards: 200 max
Working temperature	-10 – + 55 degrees C	**Working Humidity**	0-95%
Normal voltage	6 volts (4 x Alkaline batteries)	**Warranty**	2 years mechanical
			2 years electronic
Low voltage Alarm	Less than 4.8 Volts	**Lock**	Stainless steel body
Lever handing	Reversible	**Latch bolt**	Reversible

Anti Peeping Technology

This lock offers anti-peeping virtual passcode entry by inputting a random passcode either before or after the proper passcode followed by the # key.

SL40E Packing List

- **Front panel**
  Qty x1

- **Back panel**
  Qty x1

- **User manual**
  Qty x1

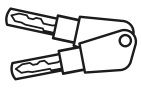
- **Installation template**
  Qty x1

- **Mortice lock / latch**
  Qty x1

- **Striker plate**
  Qty x1

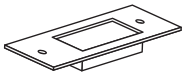
- **RFID Tag**
  Qty x2

- **Self adhesive disc**
  Qty x2



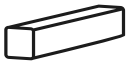
- **Mechanical keys**
  Qty x 2

- **Waterproof rubber boot**
  Qty x2



- **Striker Plate Box**
  Qty x1

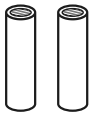
- **Wood screws**
  4 x 25mm Qty x4



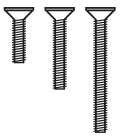
- **Short spindle 60mm**
  Qty x1 (for narrow doors 35mm or greater)

- **Long Spindle 80mm**
  Qty x1 (for wider doors 65mm or less)

- **Sliding T slot screw**
  M5 x 10mm Qty x1



- **Connection posts X2**
  (M4x35 - for 30-60mm Door thickness)



- **M3 machine screws**
  Qty x4

- **M5 machine screws**
  25mm x2
  40mm x2

- **Smart hub**
  Qty x1 (optional)

Installation:

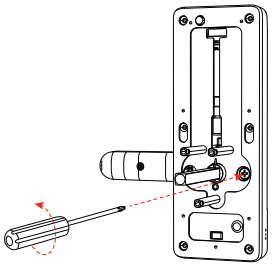
⚠ IMPORTANT

ONLY ROTATE THE HANDLE UPWARDS IN THE DIRECTION SHOWN BELOW - DAMAGE CAUSED WILL VOID WARRANTY

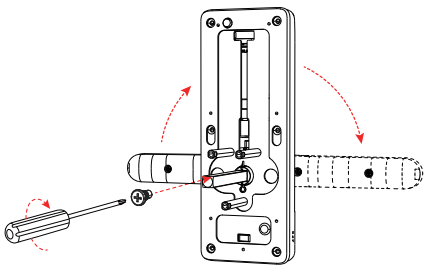
Check handing of the lever

Below are the instructions to change handing.

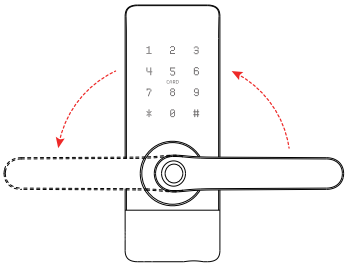
Front (outside) Panel



1. Remove handing screws

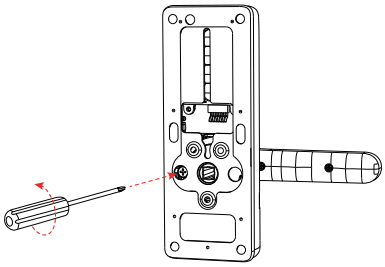


2. Rotate the handle upwards to the left or right depending on handing direction.

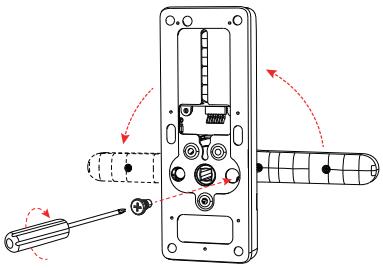


3. Reinsert the screws after adjusting handing direction

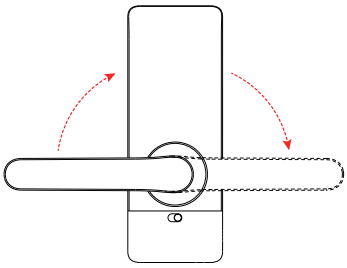
Back (inside) Panel



1. Remove handing screws

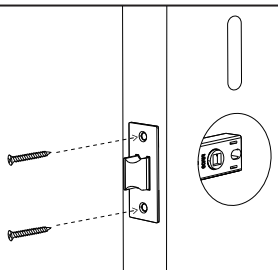


2.Rotate the handle upwards to the left or right depending on handing direction.

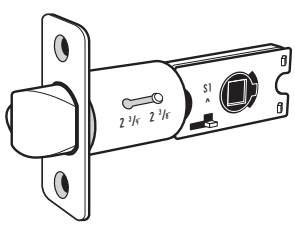


3. Reinsert the handing screws after adjusting handing direction

Step 1: Install Latch (see latch instructions included)

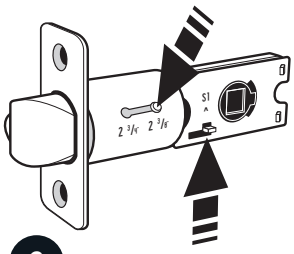


1. Mark and crop door using installation template provided
2. Ensure holes are clear of any sharp edges and clean of swarf and wood dust.
3. Adjust tongue of latch depending on the way the door operates (refer to page 6)



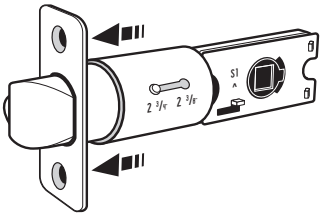
1

CHECK LATCH LENGTH
Determine if latch is the correct backset for the door. If incorrect, you can adjust to 60 or 70mm backsets.



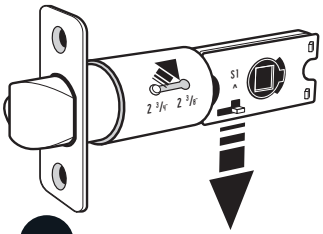
2

DEPRESS BUTTONS
To change the latch length of backset simultaneously press the (S1) button upwards and the length button in.



3

EXTEND LATCH
With both buttons pressed, pull on the latch forend until it reaches the desired length



4

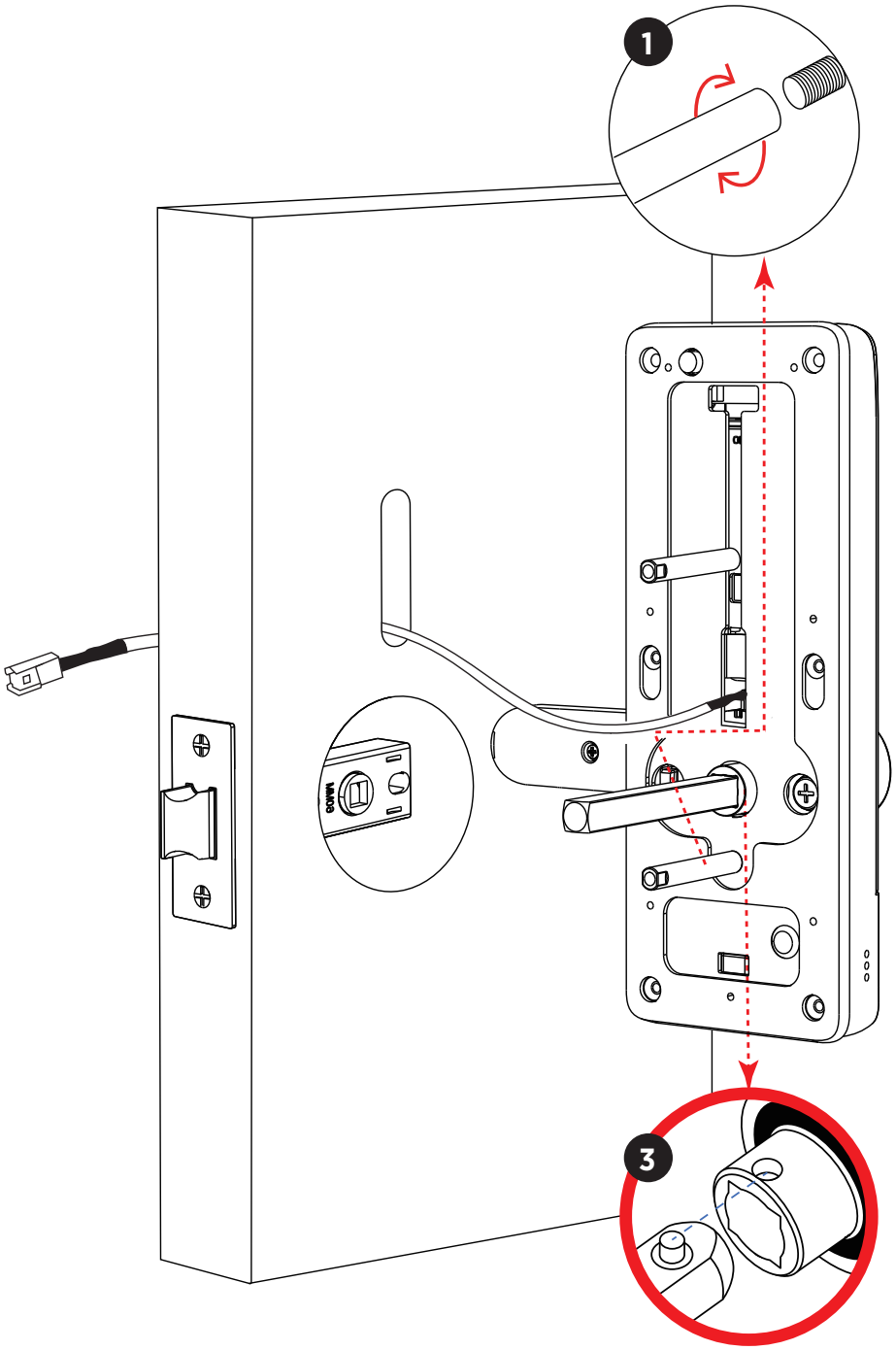
RELEASE BUTTONS
When the lock is adjusted to the desired length, release both buttons and check lock function. The lock is now set to 70mm backset

⚠ CRITICAL WARNING: POWER CABLE MANAGEMENT

The power cable is the most delicate part of your lock. Do not pinch, crimp, or crush the cable during installation. Ensure it sits in a clear "pocket" within the door cavity.

Note: *Any damage to the cable caused by improper handling during installation will void your warranty.*

Step 2:
Install Outside Lock Panel



1. **Attach Connecting Posts**
   Fit the two connecting posts to the threaded stubs, as shown in the diagram.
   Use the correct length of connecting posts according to the door thickness:
   For 35-40mm thick doors, use the short posts.
   For 40-60mm thick doors, use the long posts.

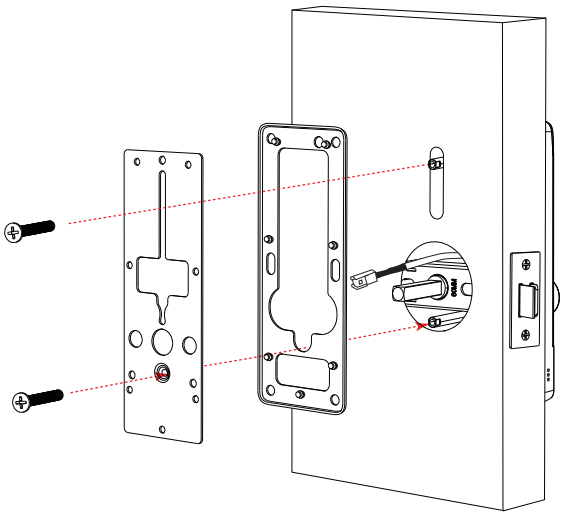
2. **Select Spindle:** Choose the correct length based on your door thickness:
   35mm – 48mm door:
   Use the 60mm spindle.
   48mm – 65mm door:
   Use the 80mm spindle.

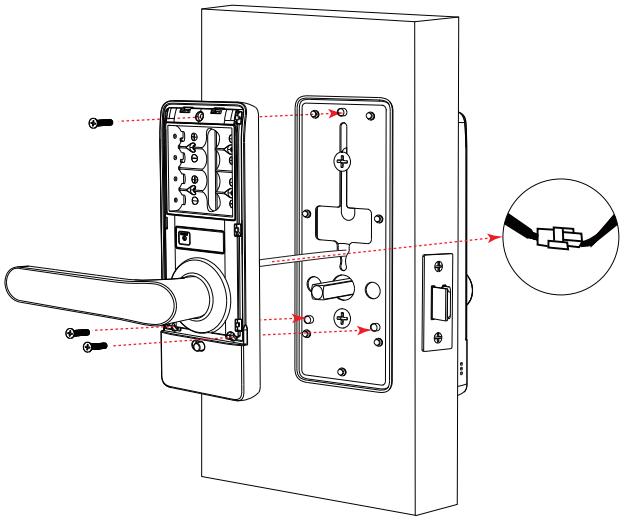
3. **Secure Spindle**:
   Clip the spindle into the assembly.

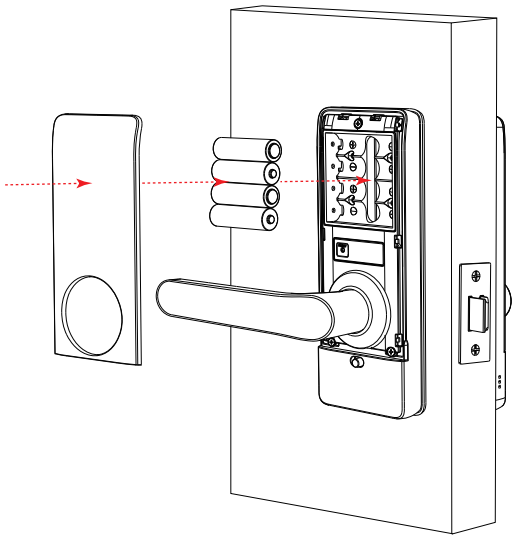
4. **Install Rubber Boots**
   Place the rubber boots on both the outside and inside units. Ensure each rubber boot aligns correctly with the receiving holes on the back of the panel, as they only fit one way.

5. **Feed Outside Panel:**
   - Feed the outside panel into the door's mounted mortice lock, aligning the spindle and posts through the lock and pre-drilled holes in the door.

     ⚠ *IMPORTANT: When feeding the power cable through the door, ensure adequate space to prevent the cable from being crushed, damaged, or cut during installation.*







Step 3: Install Inside Lock Panel

1. **Position and Secure the Rubber Boot Mounting Plate**
   Align the rubber boot mounting plate to the exterior face of the door.

2. **Fit Fixing Screws**
   Use the correct length fixing screws to lightly secure the lock to the door.

3. **Connect Cable:** Remove the battery cover. Carefully plug the power cable into the receiver.

   Tip: The plug only fits one way—don't force it!

⚠ IMPORTANT

Pinching, crimping or crushing the power cable may break the internal connection, and void the lock warranty.

4. **Manage Excess Cable:** Tuck any extra cable length back into the door cavity to prevent it from being pinched between the panel and the door.

5. **Check Rubber Boot Position**
   Ensure the rubber boots are laying flat against the door.

6. **Tighten the Lock**
   Hand-tighten the lock firmly against the door face.

7. **Insert Batteries**
   Install 4 AA alkaline batteries into the lock. We recommend Energizer Max Plus

8. **Replace Battery Cover**
   Reattach the battery cover plate.

9. **Install Striker Plate and Box**
   Attach the striker plate and striker box to the door frame, ensuring that the latch and bolts operate smoothly when the door is closed.

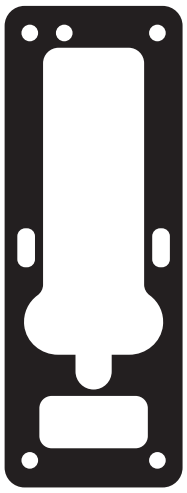
10. **Test Deadbolt Operation**
    Test the latch by lifting the inside handle to ensure it fits freely into the striker plate without resistance. If there is binding, adjust the striker plate position as needed, by bending the adjustable tongue.

11. **Completion**
    The lock installation is now complete.

Lock Installation Checklist

1. Holes drilled and aligned as per drilling template.
2. Ensure the rubber boot is aligned correctly with a good seal on the door, also making sure the lugs are correctly seated in their holes .
3. Ensure all screws and bolts are correctly tightened.
4. Ensure power cable is installed and not bent or crimped in door.
5. Check batteries are Alkaline and installed correctly.
6. Check to see if the lcok requires a software update via the TT App

TOP



1. Date Installed: _____/_____/_____
2. Installed By: _____
3. Pin: #_____

Manual reset:

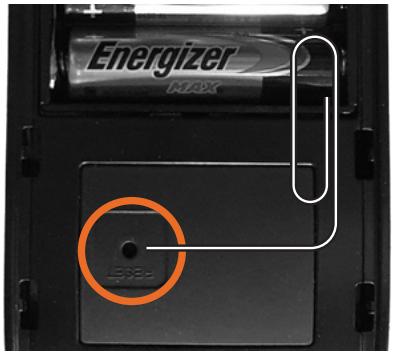
If you are not admin of the Smart Lock, remove battery cover and complete:

Insert a thin object, like a paperclip, long press the reset button beneath the battery case for 5 seconds or until you hear: “Please Input Initialisation Passcode”.

Now input code “000#” on the keypad.

The system reset will be complete. From here you can re-link the SL40E Smart Lock to your phone via the TT App.

**Note: this will clear all previous users from the locks memory*



Using your Sylvan SL40E Smart Lock

Manually unlocking with Key

The SL40E Smart Lock has a mechanical key override to unlock it. The lock location is under the front panel.

Insert one of the included keys, turn and pull handle down to unlock.

Shown is the location of the mechanical key barrel, The Micro USB port beside it can be used to power up the Smart Lock if the batteries fail. When connected to a power bank or battery source, the Smart Lock can be powered up and then a PIN Code, RFID Card or the app can be used to unlock it.

Maintenance Guide:

Maintenance should be carried out on your lock every 6 months:

- If the accuracy of the fingerprint reader decreases, please replace batteries.
- Check that the screws fixing the mortice Lock are tight.
  Check that the screws fixing the rear panel to the front panel are tight.
- Check if batteries need replacing. If battery percentage is low replace with four fresh Alkaline 1.5V AA batteries.
- Wipe the surface of the Lock with a damp cloth, we recommend only water is used. This will help remove any dust or micro contaminants from the surface.
- It is also recommended to do a full factory reset of the Smart Lock to ensure software runs correctly.
- Check rubber boot to ensure the seal between lock and door is still good.

**Note: In settings on the app, the reset button can be switched on or off depending if you want this feature available to anyone with access to the inside panel.*

TTLock App Set-up instructions:

1. Download app

- Download the TTlock app onto your device
- Through Apple (IOS version) use app store to download TTlock
- Through Android version go through Google play (English version)

Otherwise use the below QR codes

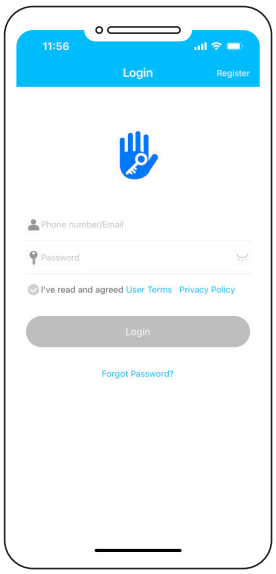
Download on the App Store

GET IN ON Google Play

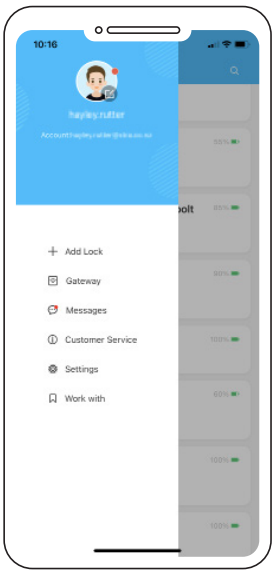
TTlock App

- TTlock supports multiple types of locks and devices
- TTlock currently supports 200 countries
- Verification codes will be sent to users' mobile phone or email depending on how you have registered above.

TTLock App



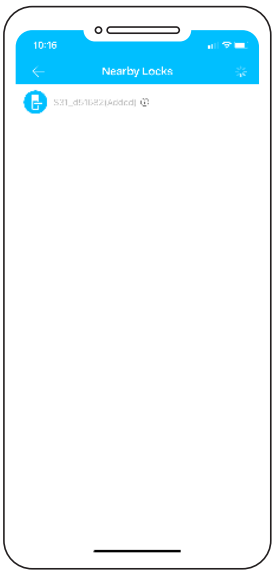
1. Register a new account (phone number or email) or login with an existing account if you already have one.



2. With App open touch on main screen + Add lock

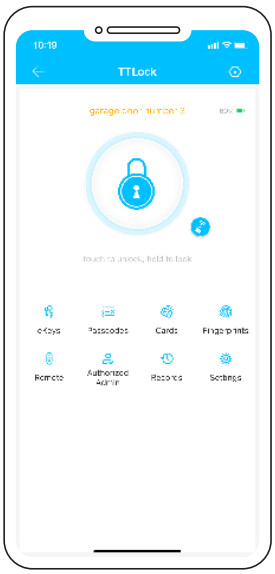
3. While standing near the lock (and with the 4 good quality AA alkaline batteries installed into the lock) wake the lock up by touching the key pad.

4. Your lock will appear on the screen, then click +



5. Rename the lock. e.g. home front door

6. The lock is now successfully added to the app.



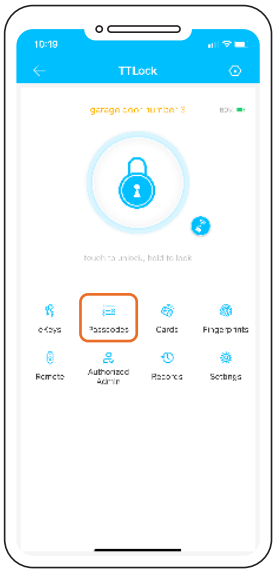
7. If you have downloaded the app and loaded your lock on your device you are now the administrator of this lock, from here you can now add or delete users / passcodes / RFID card etc.

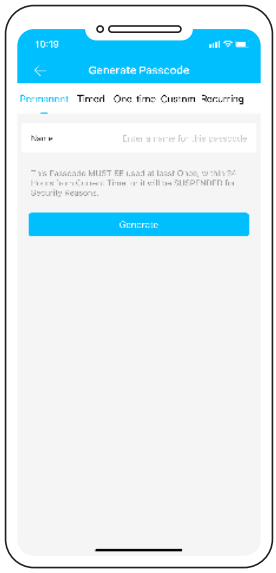
Management of app and lock

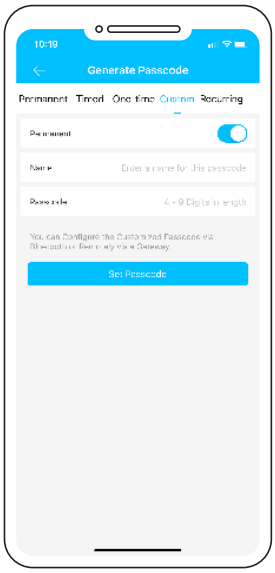
Bluetooth (lock and unlock)

- Make sure your phone has bluetooth is switched on your phone
- The app can be used to lock or unlock the door by using bluetooth within a 5m range.
- Note: the lock will automatically re lock itself depending on the setup of the auto lock function through the app.
- From the app push the (padlock) symbol to lock or unlock the device.
- Note: 5-meter Bluetooth range can vary depending on interference such as steel, thick walls and micro wave interference etc.

Setting a passcode:



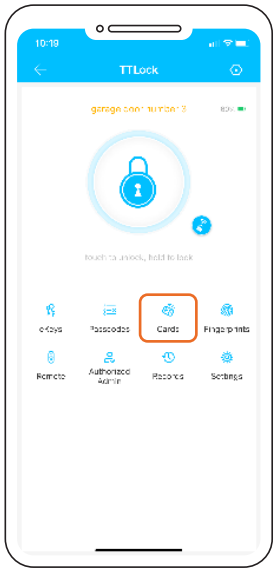


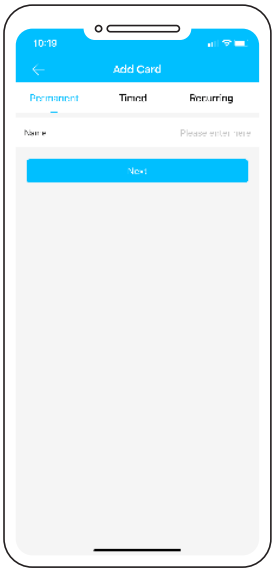


- Passcodes are another way of unlocking the device
- This lock can accept up to 150 unique PIN codes.
- Careful consideration should be taken to ensure each PIN is set up in a way that they can be well managed at a later time. We suggest naming each PIN with the name of the person using it. E.g. Bobs PIN
- We suggest when setting up passcodes to do it via the custom setting to create your own pin number. It needs to be between 4-9 digits followed by '#' e.g. 1234#.v
- Recurring PIN codes used to give access to the user of this code at certain time of day and week.
- You can also set up Pin codes for One timed and also timed access (for example a tradesperson working in your house for a short period of time).

RFID cards

- This lock comes with three RFID cards and can store up to 200 unique RFID cards.

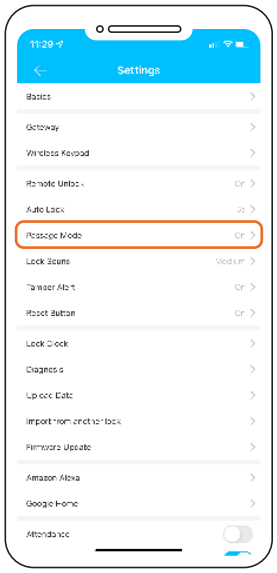


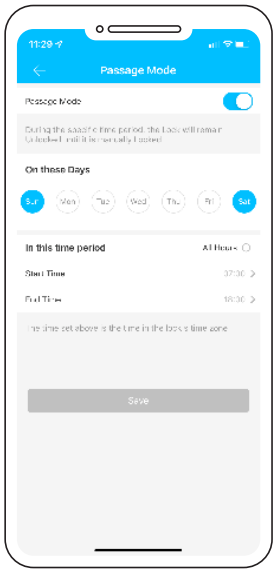


- To add these to the lock, touch RF Cards, then add card
- Decide if a Permanent or Timed or Recurring user
- Name the Card (we suggest the users name) e.g. Bobs RFID
- Then touch card against keypad to accept card to lock

Passage mode

- The TT app can be used to put the lock into passage mode. NB: Passage mode is where the lock can be opened without a passcode etc

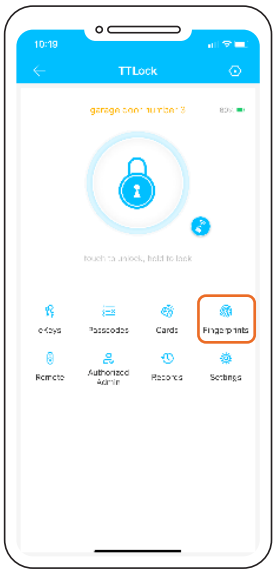




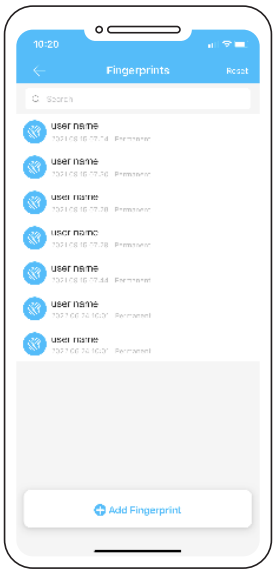
- Under the setting tab of the lock, you can switch passage mode on or off
- You can also set up a calendar so that the lock can go into passage mode on certain days at certain times.
- Note for security reasons the passage mode only starts once a successful entry to unlock the lock has been accepted.
- **To lock the door when in passage mode, press and hold the # key on the lock.**

Finger Prints

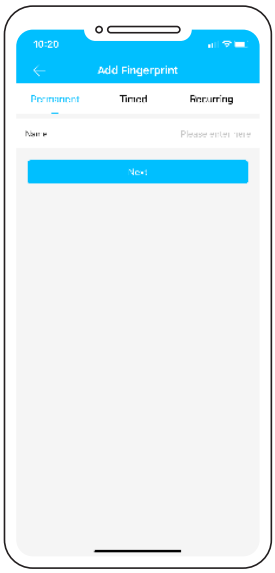
- This lock can accept up to 200 Unique finger prints



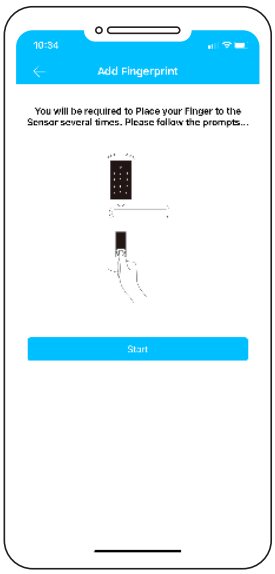
1. From main screen click on Finger print



2. Then add finger print
3. Decide if a Permanent, Timed or Recurring user



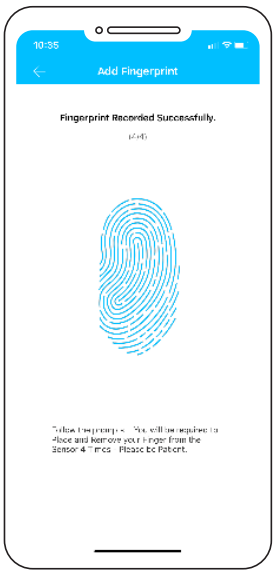
4. Name the finger print (we suggest the users name) eg Bobs Finger



5. The app then prompts you to present your finger or thumb to the reader.
6. Watch and listen to the prompt of the app and lock you will see the image

of the finger print and be asked to present yours to the reader.

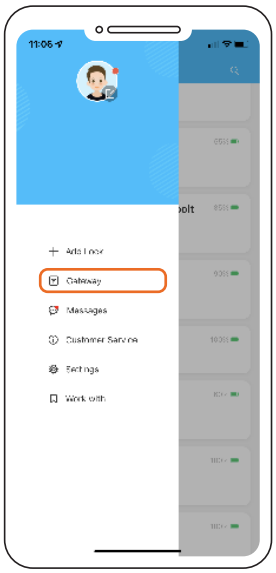
7. You will be asked to do this a number of times until all parts of the image on the app turn from black to blue.



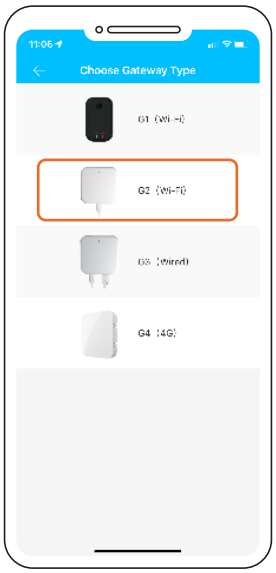
8. We suggest for convenience and user speed to save your finger print in a number of different positions. EG Bobs 1 finger, Bobs 2 finger etc.

Remote unlock

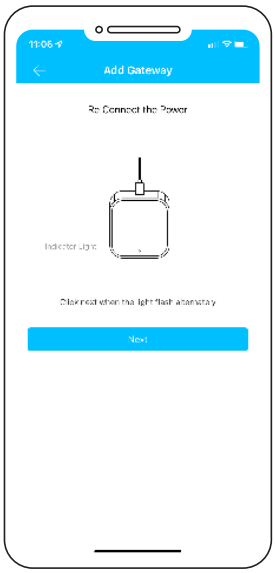
- This can be done using a smart hub SLG02 (sold separately) see 'sylvan.co.nz/smart-hub-slg02/'



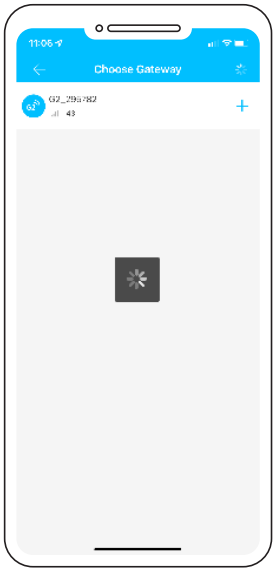
1. Add the smart hub via the first screen of the TTlock app



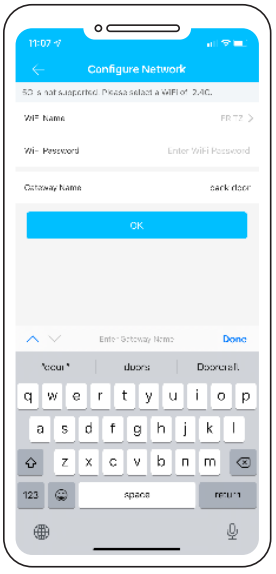
2. Click on add Gateway
3. Choose the G2 (Wi-Fi) option



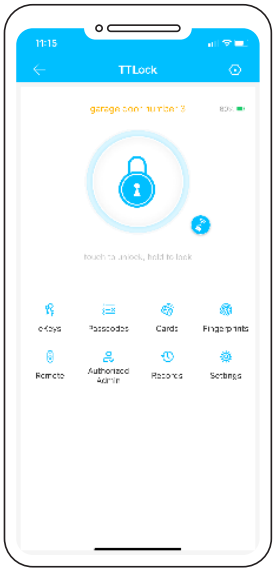
4. Connect power to the gateway and the indicator light will flash red, it's now in programming mode



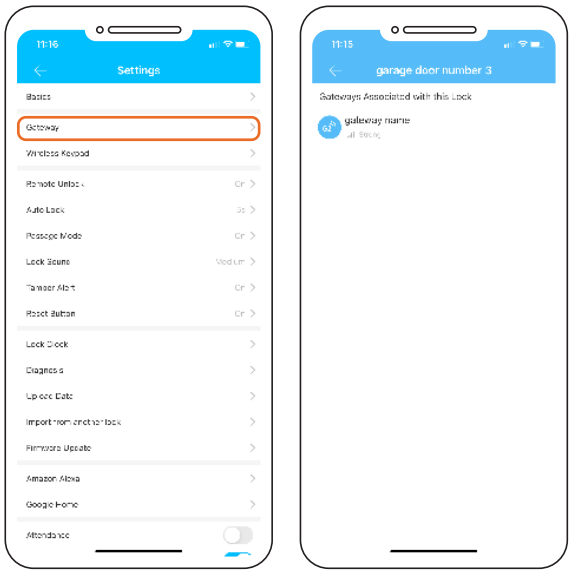
5. Click next
6. Once seen it will ask for you to name the gateway e.g. (garage door gate way)



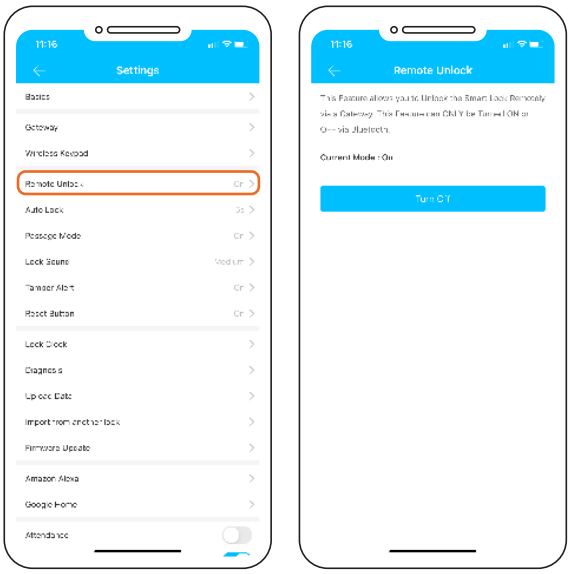
7. It will also ask for your Wi-Fi password (Note this needs to be a 2.4G) signal. 5G is not supported
8. Then the gateway is connected.



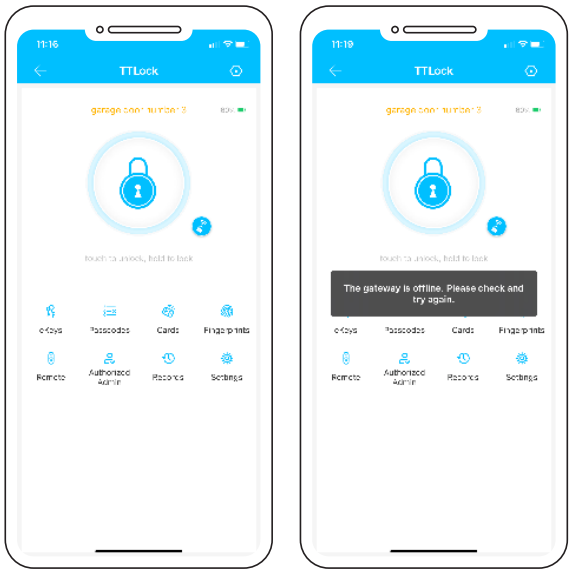
9. Check that the gateway is online under the gateway link off the front page
10. Ensure the gate way is within 10 meters of the lock



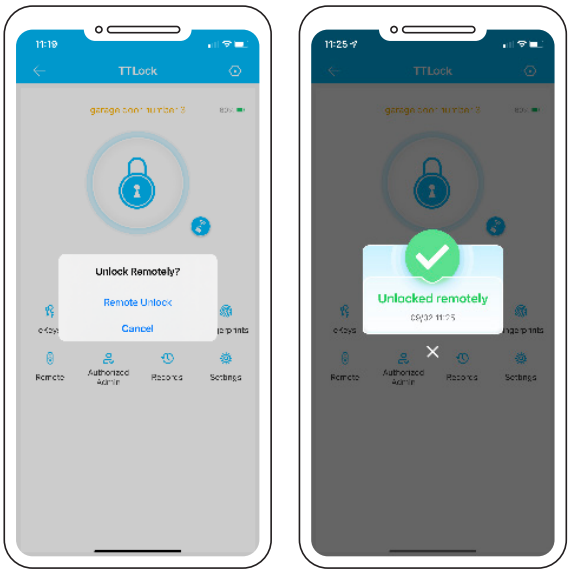
11. In the setting screen of the lock click on gateway and you should see your named gateway.



12. On the settings page select ‘Turn on Remote Lock’.



13. On the main programming screen of the lock a small Wi Fi symbol now appear next to the padlock symbol of the app.

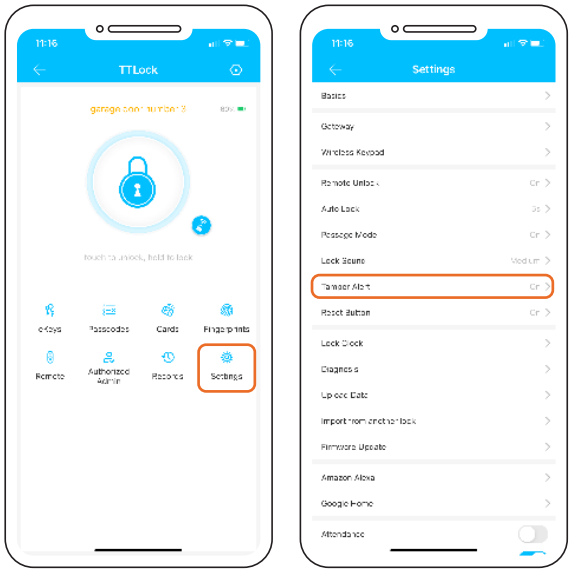


14. By clicking on the Wi Fi symbol, then clicking Remote unlock you will then be able to remotely unlock your lock from anywhere using the secure Wi Fi connection.

15. The app will show when the lock has been successfully unlocked.

Privacy Lock:

1. New feature with the SL40E is a privacy lock. To use it, enable in the lock settings and use sliding button on inside panel of the Smart Lock as shown. Red means only the Key Override or Master Admin can enter, all other pincodes and RFID cards won't unlock the SL40E. Green means lock is in normal mode. The SL40E will move from red to green when you pull down the inside lever.



Note: Privacy can be switched on or off from the app. By switching the turn off feature, this will disable the button on your lock.

NOTES

PRODUCT WARRANTY

Customer Name: _____

Customer Phone: _____

Purchase Date: _____

Store name: _____

Receipt #: _____

Product Name: _____

Product Model: _____

Note: _____

_____

_____

_____

Note:

1. Please keep this booklet and receipt so that you can use it when you need warranty service.

2. We provide you with a two-year warranty from the date of purchase.

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