



# SL42E

## INSTALLATION INSTRUCTIONS



Version 7

## 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 eave 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.



### Installation Video

Scan this code:



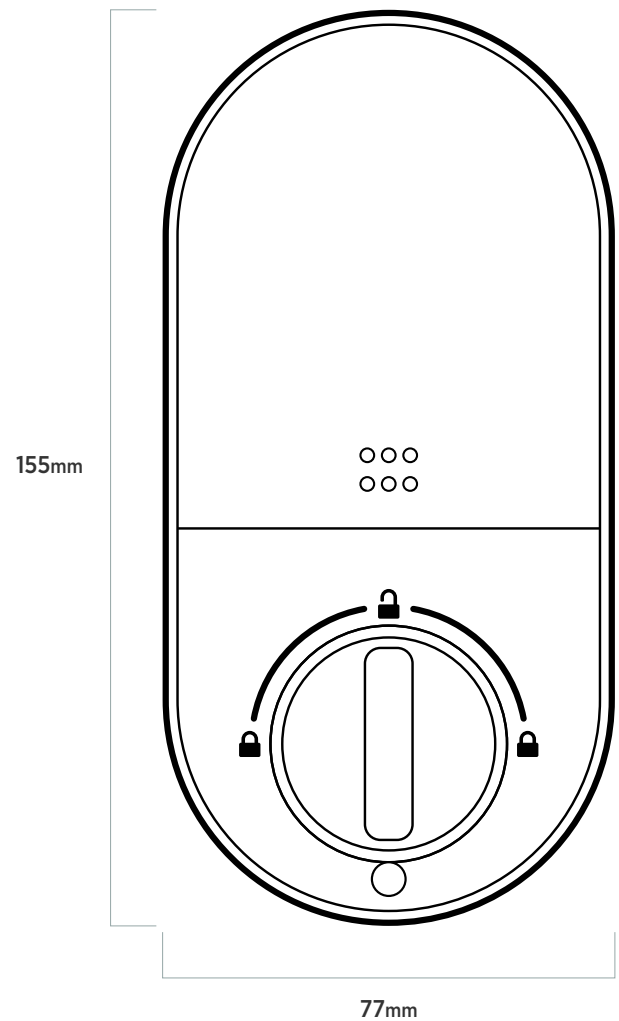
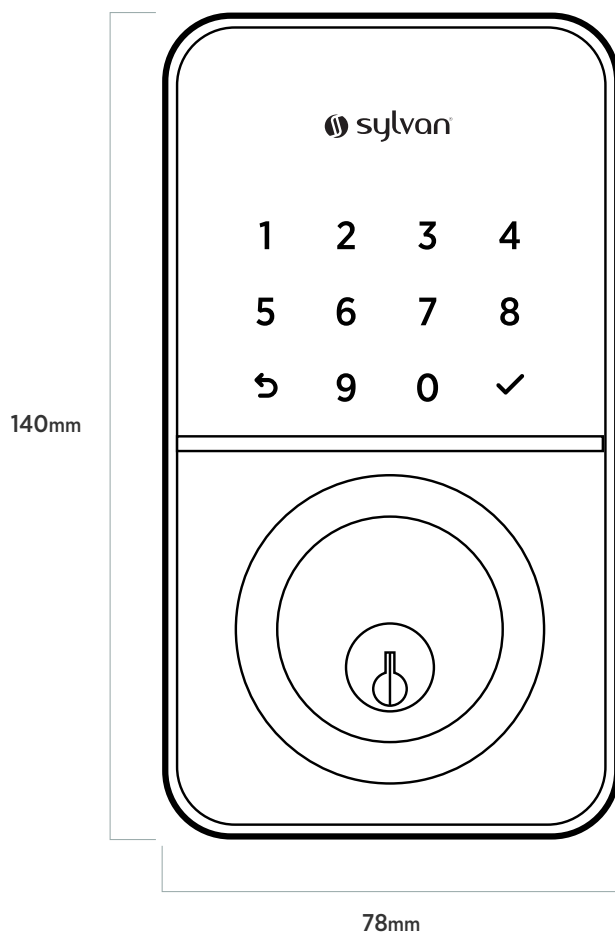
### App Setup Video

Scan this code:




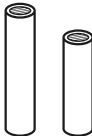


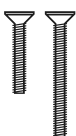




# SL42E INSTALLATION INSTRUCTIONS

## Lock Dimensions



## SL42E Packing List

	<ul style="list-style-type: none"> <li>• <b>Front panel</b> Qty x1</li> </ul>		<ul style="list-style-type: none"> <li>• <b>PM3*8 Round-headed screw</b></li> </ul>
	<ul style="list-style-type: none"> <li>• <b>Back panel</b> Qty x1</li> </ul>		<ul style="list-style-type: none"> <li>• <b>Mortice screws</b> Qty x4 M5x10mm (For Aluminum doors) Qty x4 M4x20mm (For Wooden doors)</li> </ul>
	<ul style="list-style-type: none"> <li>• <b>User manual</b> Qty x1</li> </ul>		
	<ul style="list-style-type: none"> <li>• <b>Installation template</b> Qty x1</li> </ul>		<ul style="list-style-type: none"> <li>• <b>Connection posts</b> Qty x2 (M5x30 + M5x40)</li> </ul>
	<ul style="list-style-type: none"> <li>• <b>Mortice lock / latch</b> Qty x1</li> </ul>		<ul style="list-style-type: none"> <li>• <b>Various M5 machine screws</b> x2 11mm x1 25mm x1 30mm</li> </ul>
	<ul style="list-style-type: none"> <li>• <b>Striker plate</b> Qty x1</li> </ul>		
	<ul style="list-style-type: none"> <li>• <b>RFID Tag</b> Qty x2</li> </ul>		<ul style="list-style-type: none"> <li>• <b>Various M6 machine screws</b> x2 55mm x2 65mm</li> </ul>
	<ul style="list-style-type: none"> <li>• <b>Self adhesive disc</b> Qty x2</li> </ul>		<ul style="list-style-type: none"> <li>• <b>Smart hub</b> Qty x1 (optional)</li> </ul>
	<ul style="list-style-type: none"> <li>• <b>Mechanical keys</b> Qty x 2</li> </ul>		<ul style="list-style-type: none"> <li>• <b>Magnet Sensor</b> Qty x1</li> </ul>
	<ul style="list-style-type: none"> <li>• <b>Waterproof rubber boot</b> Qty x2</li> </ul>		
	<ul style="list-style-type: none"> <li>• <b>Striker Plate Box</b> Qty x1</li> </ul>		

# SL42E INSTALLATION INSTRUCTIONS

## Product specifications:

<b>Model number</b>	SL42E	<b>Door thickness range</b>	35mm - 60mm
<b>Material of Manufacture</b>	Aluminum alloy		
<b>Weight</b>	1.3 kg	<b>Type of use</b>	Residential use only
<b>Options of unlocking</b>	Bluetooth Password Card Mechanical key	<b>Passcode capacity</b>	App unlocks Passcodes: 150 max RFID Cards: 200 max
<b>Working temperature</b>	-10 – + 55 degrees C	<b>Working Humidity</b>	0-95%
<b>Normal voltage</b>	6 volts (4 x Alkaline batteries)	<b>Warranty</b>	2 years mechanical
			2 years electronic
<b>Low voltage Alarm</b>	Less than 4.8 Volts	<b>Lock</b>	Stainless steel body

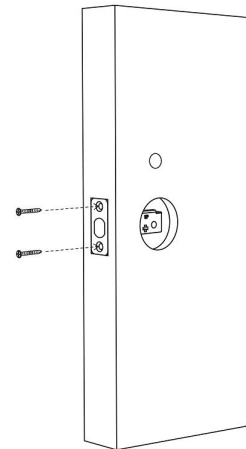
### Anti Peeping Technology

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

# Installation:

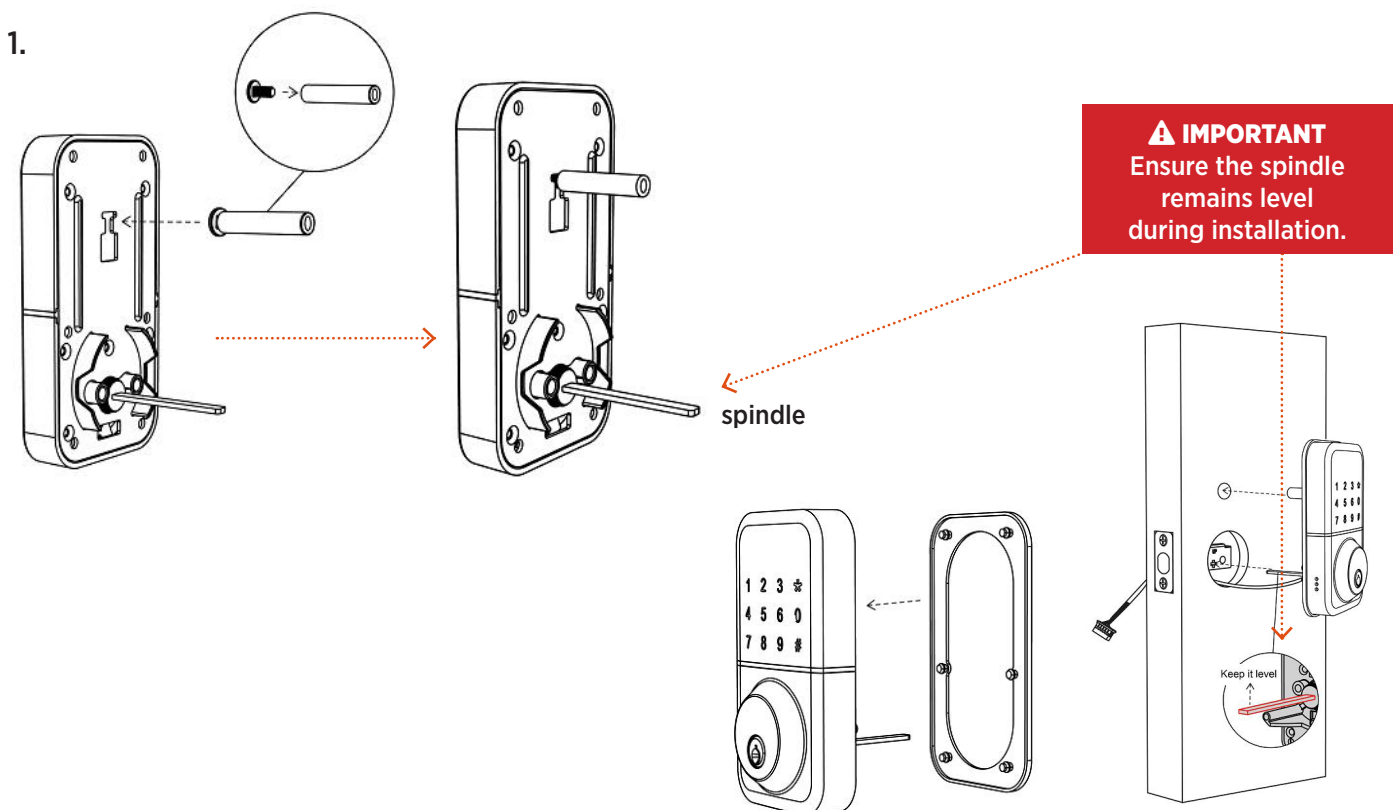
## Step 1: Install Mortise

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. Install the mortise into the door with screws
4. and keep the deadbolt in retracted position



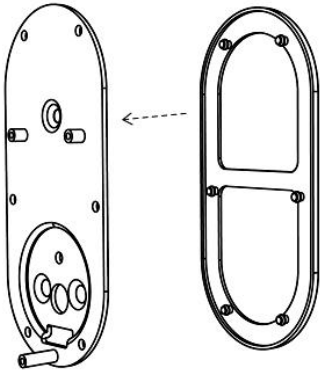
## Step 2: Install Exterior Assembly

1. Install the sliding screw stubs to the front panel.
2. Install the waterproof rubber plate to exterior assembly.
3. Keep the cylinder rod horizontal when installing.
4. Install the exterior assembly to the door.
5. Depending on door thickness, the spindle may need to be shortened by using a hacksaw to reduce the spindle length.



# SL42E INSTALLATION INSTRUCTIONS

1.



## Step 3 Install Interior Assembly

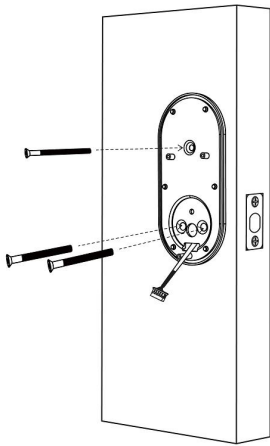
1. Install the waterproof rubber plate to fixing plate.

2. Fix the fixing plate and exterior assembly with screws.

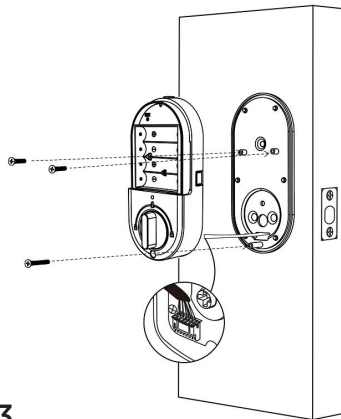
3. Connect the wire, Install the interior assembly on the fixing plate with screws. **⚠ IMPORTANT** Plug in power cable ensuring the plug is around the correct way for the plug to accept its receiver correctly.

4. Install the battery and battery cover to complete the installation.

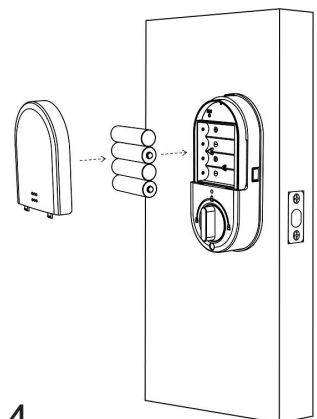
2.



3.

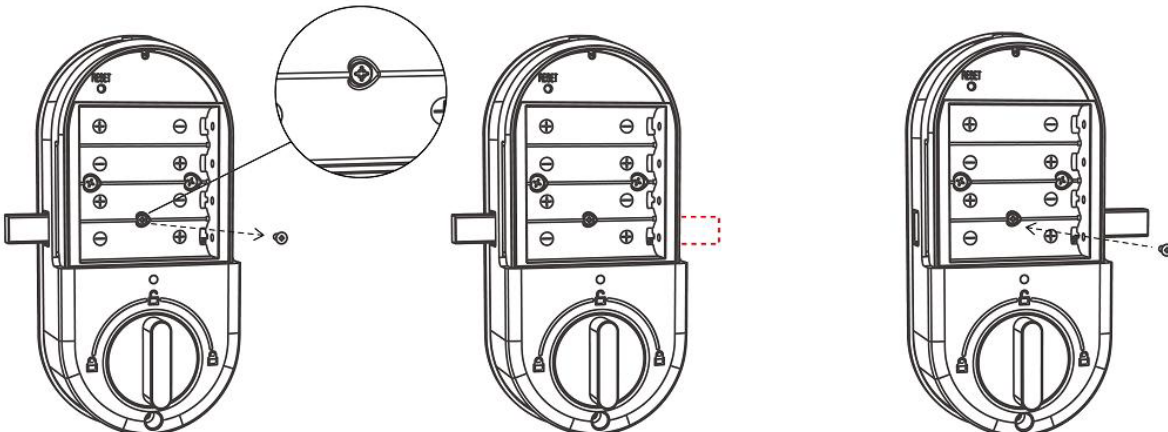


4.



## Adjust the door sensor (Optional)

Loosen the screws on the rear panel, and then push the door sensor towards the door frame to ensure that the door sensor and the magnet are within the sensing distance.



# 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 lock requires a software update via the TT App



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

## Manual reset:

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

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 SL42E Smart Lock to your phone via the TT App.

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





## Using your Sylvan SL42E Smart Lock

---

The SL42E Smart Lock has a mechanical key override to unlock it.  
The key location is on the front panel.

Insert one of the included keys, turn to unlock.

## Maintenance Guide:

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

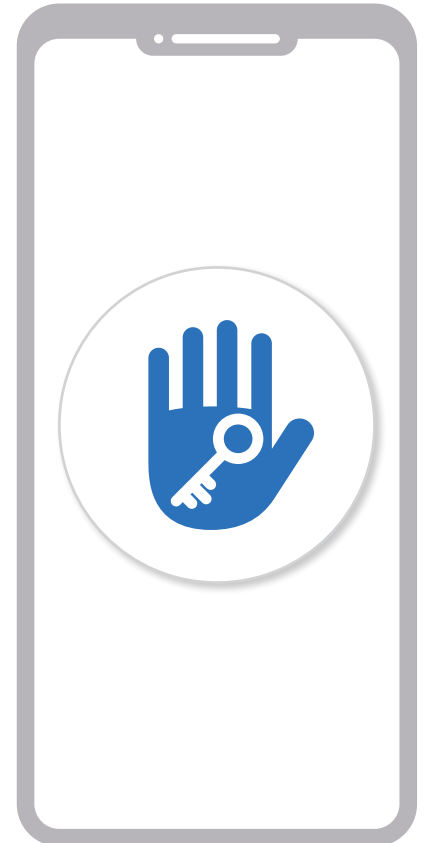
- Check that the screws fixing the mortice Lock are tight.  
Check that the screws fixing the rear panel to the front panel are tight.
- Check if batteries need replacing. If battery percentage is low replace with four fresh Alkaline 1.5V AA batteries.
- Wipe the surface of the Lock with a damp cloth, 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.

## TTLock App Set-up instructions:

### 1. Download app

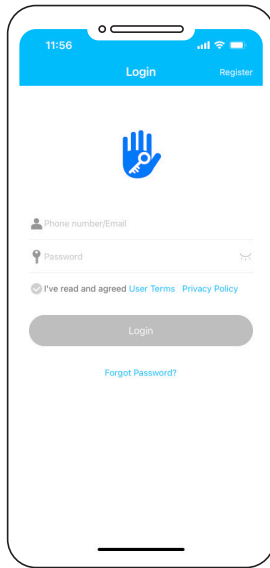
- Download the TTlock app onto your device
- Through Apple (IOS version) use app store to download TTlock
- Through Android version go through Google play (English version)

Otherwise use the below QR codes

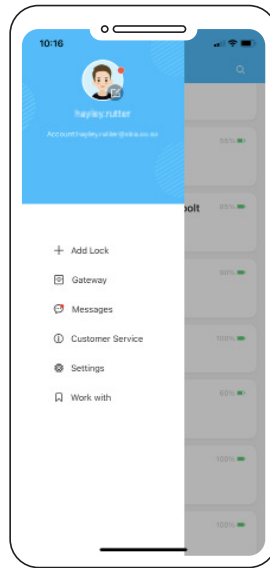


## TTlock App

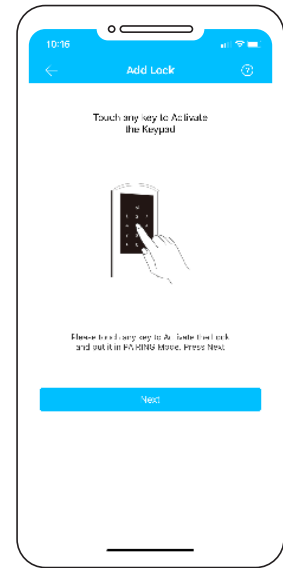
- TTlock supports multiple types of locks and devices
- TTlock currently supports 200 countries
- Verification codes will be sent to users' mobile phone or email depending on how you have registered above.



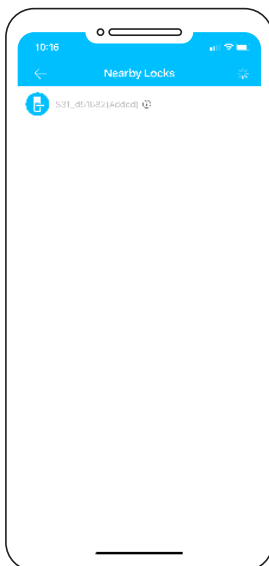
1. Register a new account (phone number or email) or login with an existing account if you already have one.



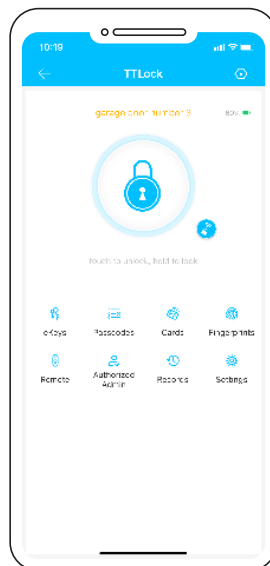
2. With App open touch on main screen + Add lock



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 +



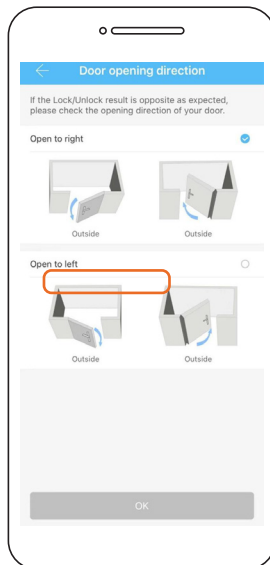
5. Rename the lock. e.g. home front door
6. The lock is now successfully added to the app.



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.

## **⚠ IMPORTANT Adjust Opening Direction**

- After adding the APP successfully, please set the desired opening direction first.

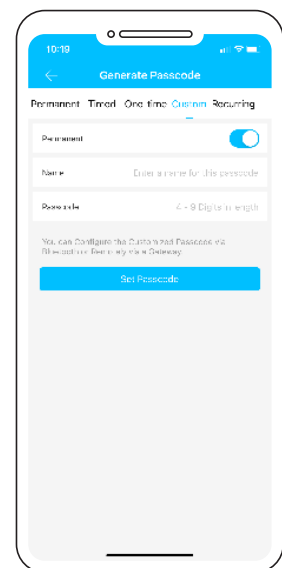
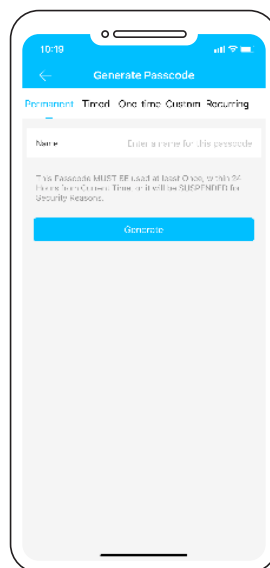
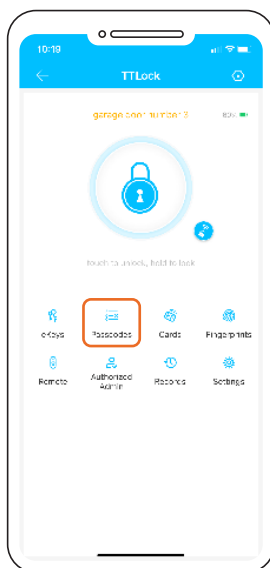


## Management of app and lock

### 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.

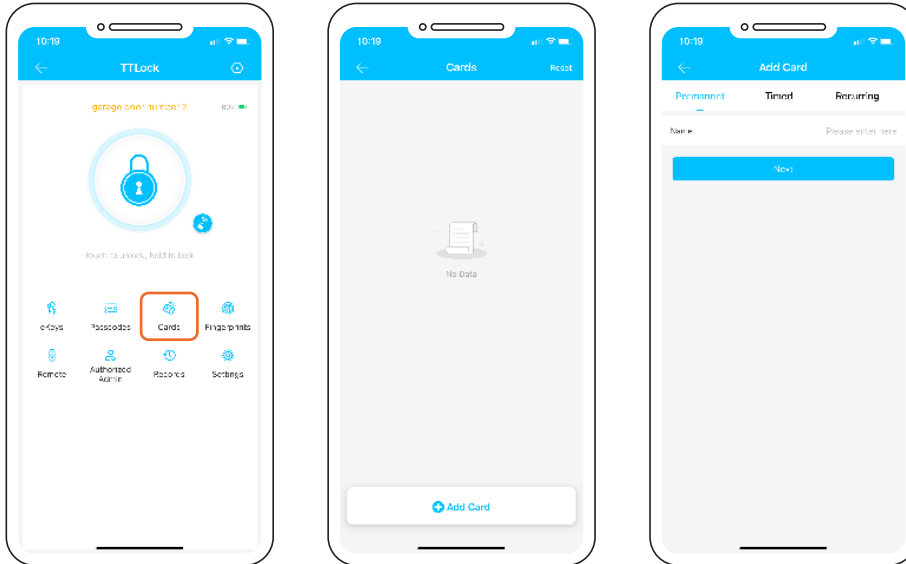
## Setting a passcode:



- 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✓.
- 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

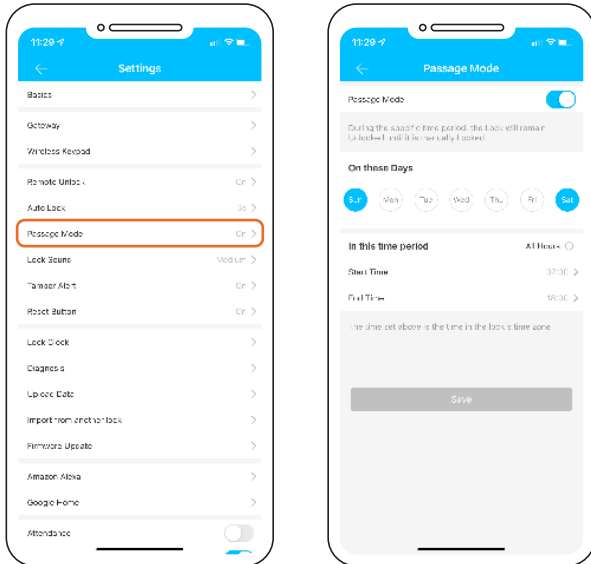
- This lock comes with three RFID cards and can store up to 200 unique RFID cards.



- 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

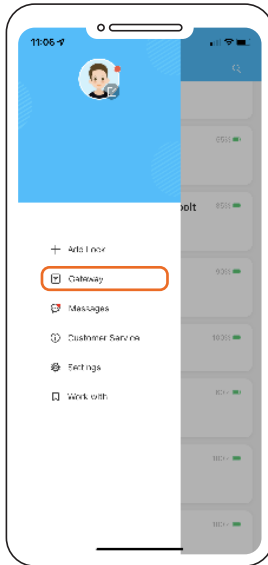
- The TT app can be used to put the lock into passage mode. NB: Passage mode is where the lock can be opened without a passcode etc



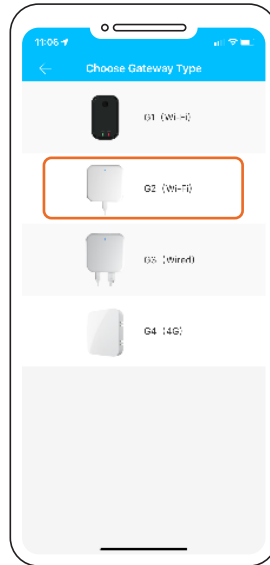
- Under the setting tab of the lock, you can switch passage mode on or off
- You can also set up a calendar so that the lock can go into passage mode on certain days at certain times.
- Note for security reasons the passage mode only starts once a successful entry to unlock the lock has been accepted.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

## Remote unlock

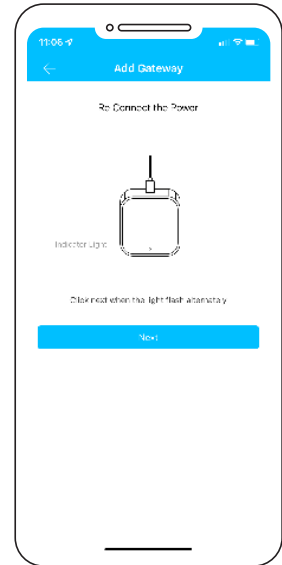
- This can be done using a smart hub SLG02 (sold separately) see [sylvan.co.nz/smart-hub-slg02/](https://sylvan.co.nz/smart-hub-slg02/)



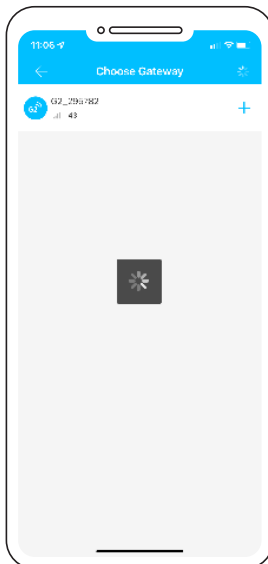
1. Add the smart hub via the first screen of the TTlock app



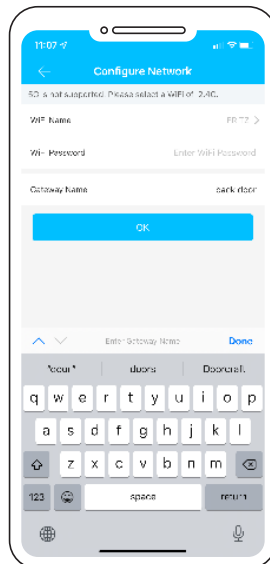
2. Click on add Gateway
3. Choose the G2 (Wi-Fi) option



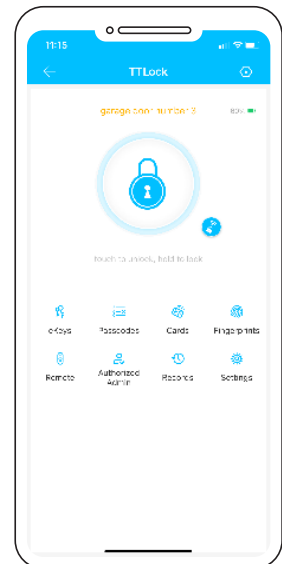
4. Connect power to the gateway and the indicator light will flash red, it's now in programming mode



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

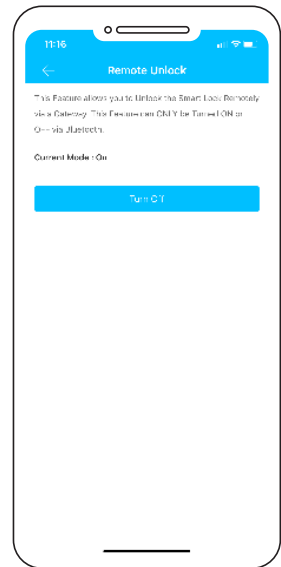
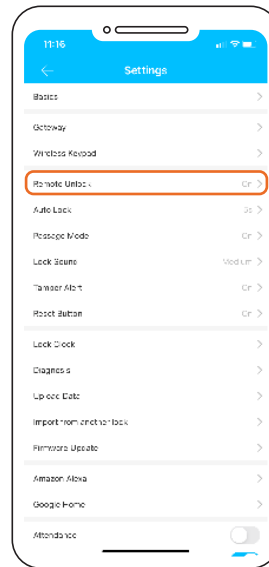
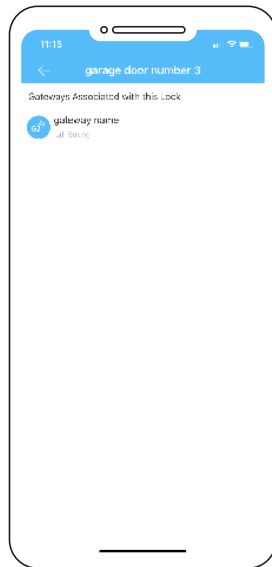
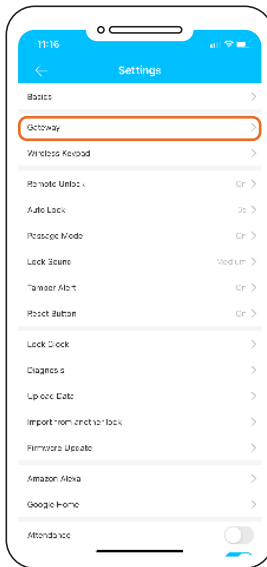


7. It will also ask for your Wi-Fi password (Note this needs to be a 2.4G) signal. 5G is not supported
8. Then the gateway is connected.



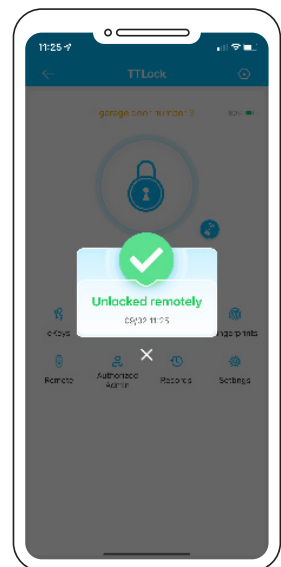
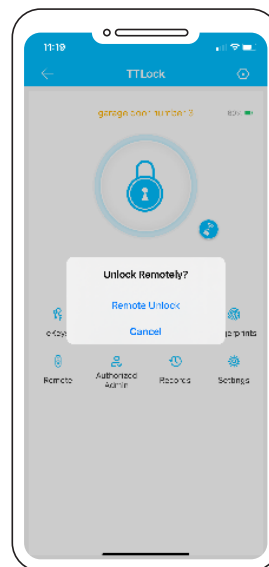
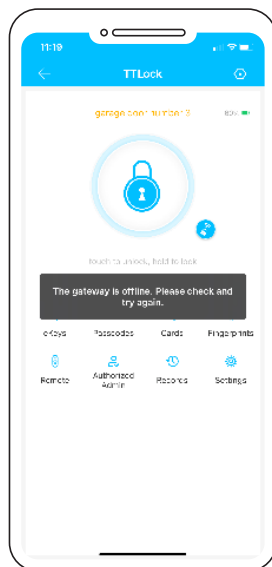
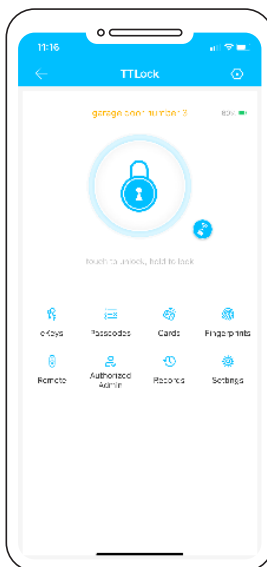
9. Check that the gateway is online under the gateway link off the front page
10. Ensure the gate way is within 10 meters of the lock





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.

## Autolocking feature

---

The SL42E smart lock includes an auto-locking feature, this eliminates the risk of damaging the lock and door frame by not allowing the bolt to engage before the door is closed.

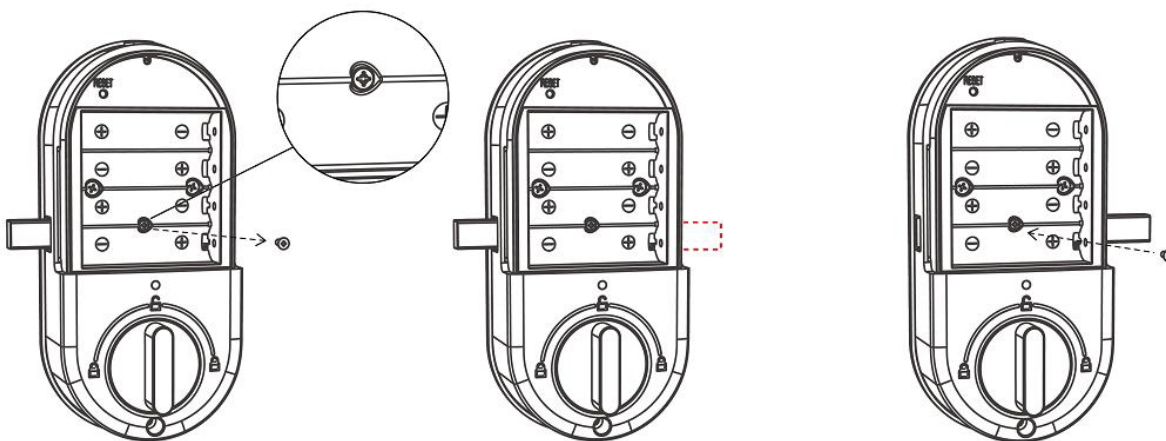
Door timing delay can be adjusted through the app under Auto lock.

A great way to ensure the bolt is thrown only when the door is closed is to do the following:

### 1. Adjust the door sensor

Loosen the screws on the rear panel, and then push the door sensor towards the door frame to ensure that the door sensor and the magnet are within the sensing distance.

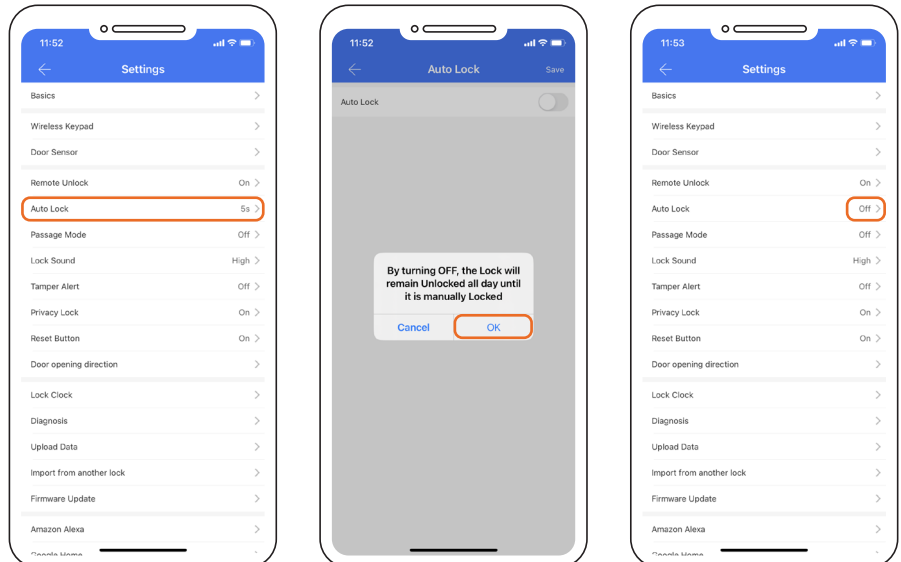
---



# SL42E INSTALLATION INSTRUCTIONS

## 2. Frame sensor auto lock

In the TT app, once the deadbolt has been set up correctly and passcodes have been entered, ensure the deadbolt has the auto-lock function switched off.



3. Position the frame magnet on the frame close to the deadbolt sensor  
(depending on if the sensor and frame magnet are sitting directly in line with each other, the gap can be up to 30mm)



4. When the door closes, the sensor will recognise that it's close to the frame magnet and automatically lock the deadbolt.

5. Once happy with the operation, lock the sensor screw down in the battery compartment and double-sided tape the frame sensor permanently down



## PRODUCT WARRANTY

Customer Name: \_\_\_\_\_

Customer Phone: \_\_\_\_\_

Purchase Date: \_\_\_\_\_

Store name: \_\_\_\_\_

Receipt #: \_\_\_\_\_

Product Name: \_\_\_\_\_

Product Model: \_\_\_\_\_

Note: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Note:

1. Please keep this card 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.

**GDRutter**  
Limited

127 Diana Drive  
Glenfield  
Auckland 0627  
Ph: +64 9 444 5359  
Email: [sales@gdrutter.co.nz](mailto:sales@gdrutter.co.nz)  
Web: [www.sylvan.co.nz](http://www.sylvan.co.nz)