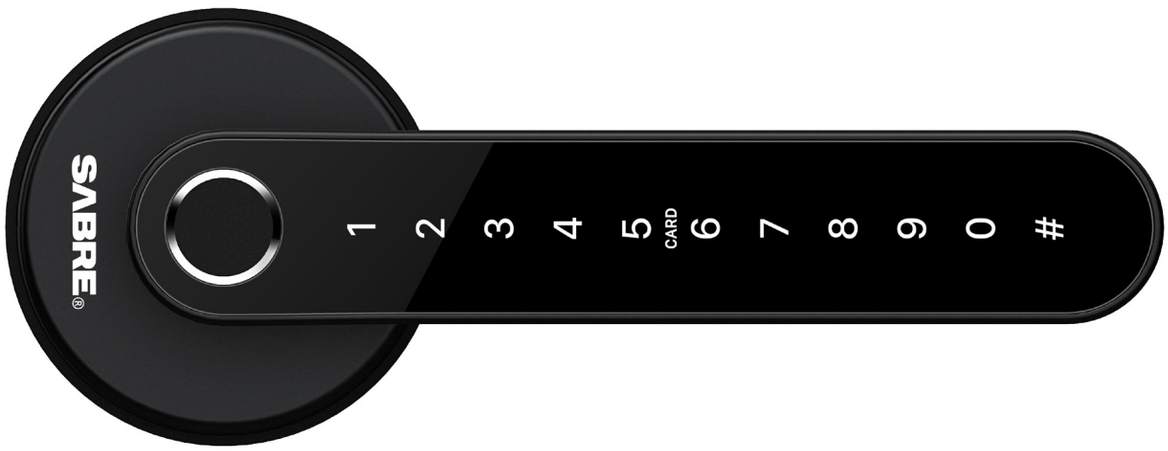
SABRE®
ELECTRONICS



SMART LOCK

USER MANUAL - DL710

Please read this manual carefully before installation and keep it for future reference.

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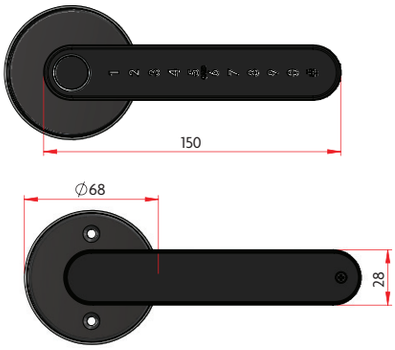
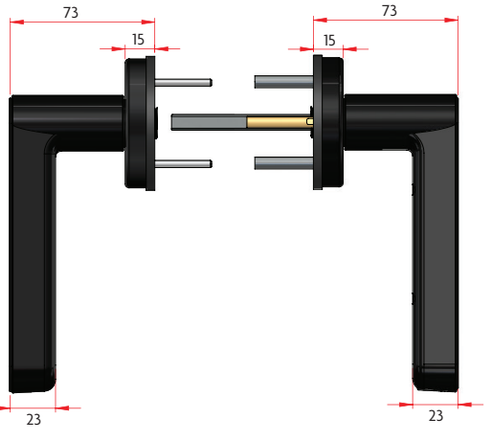
INTRODUCTION

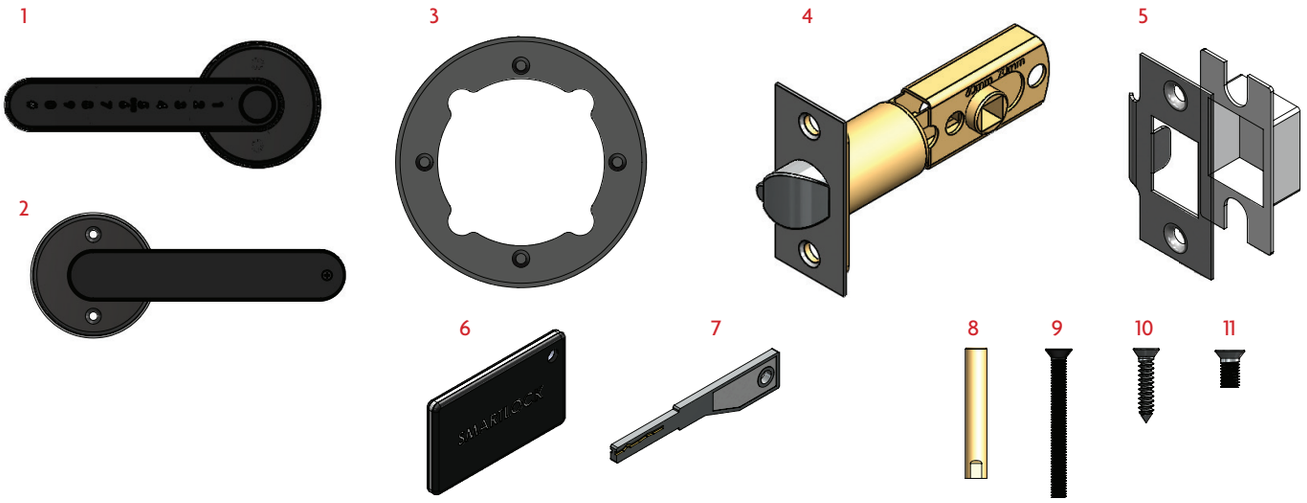
Lock detail





Internal Lever - cover removed

Contents



No.	Name	Qty
1	External Lever	1
2	Internal Lever	1
3	Waterproof Gasket	2
4	60/70mm Deadlatch	1
5	Strike Plate inc. Dust Box	1
6	Card	2

No.	Name	Qty
7	Mechanical Key	2
8	Threaded Fixing Posts M4*35mm	2
9	M4*40mm Fixing Screws	2
10	8g*20mm Timber Fixing Screws	4
11	M5*10mm Metal Fixing Screws	4

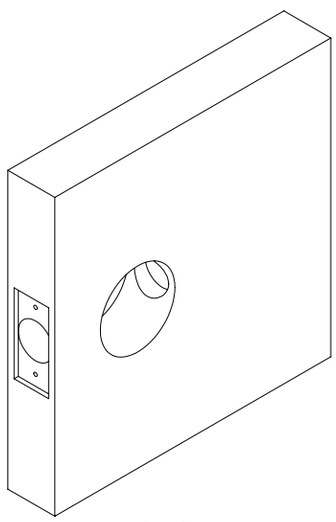
Specifications DL-710

Lock Weight	1.5kg	**Doors Stile Minimum**	60mm Backset - 95mm 70mm Backset - 105mm
Materials	Aluminium Alloy	**Door Thickness**	35mm – 60mm
Locking Options	Bluetooth Fingerprint Coded Keypad Card Mechanical key Gateway (optional)	**Data Capacity**	Fingerprint: 200 Users Keypad: 200 Users Card: 200 Users
Colour	Black	**Operating Temperature**	-10°C – 55°C
Low Voltage Warning	4.8V	**Operation Humidity**	0-95%
Rating	IP55		

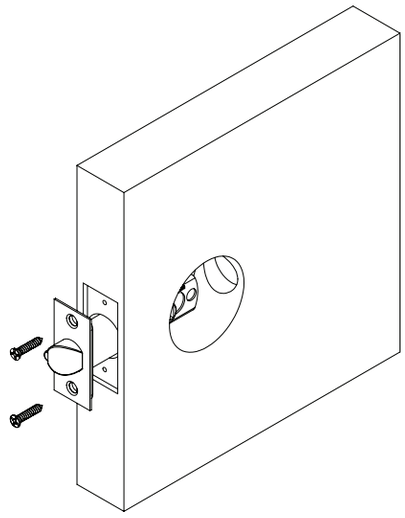
INSTALLATION

STEP 1 - Latch Installation

Prepare door using fitting template supplied and install deadlatch in the correct orientation to the doors opening and closing.



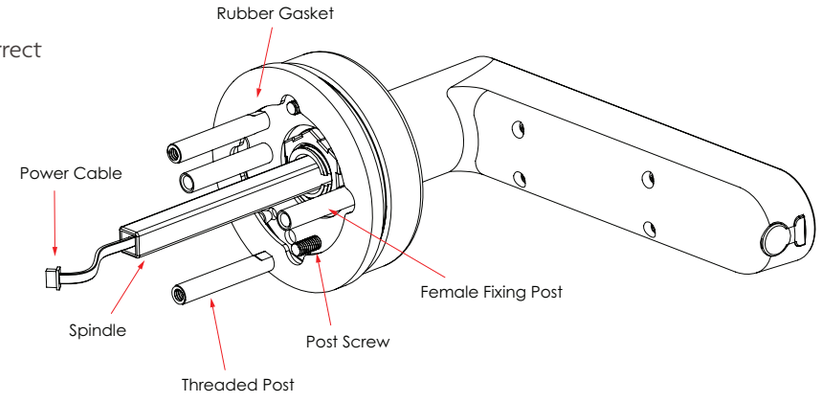
Cut Out



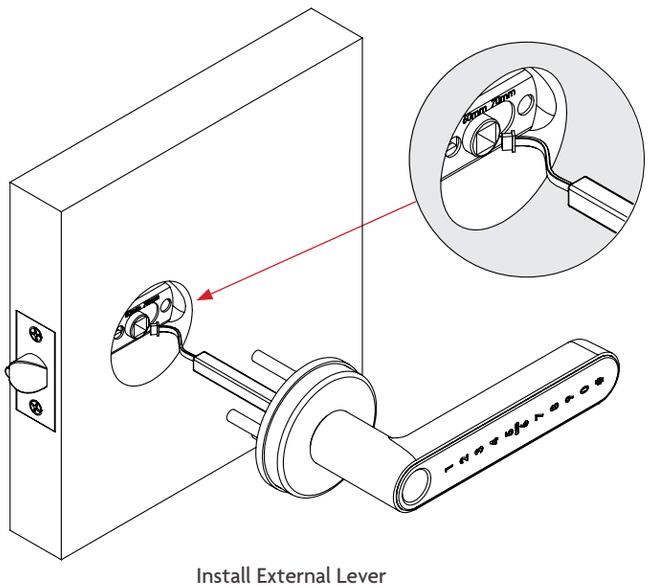
Latch Install

STEP 2 - External Lever Installation

- As this product is non handed identify the correct way the lever will be installed on the door. (Lever pointing to the hinge)
- Screw on vertical threaded fixing posts.
- Fit rubber gasket over rear of rose.



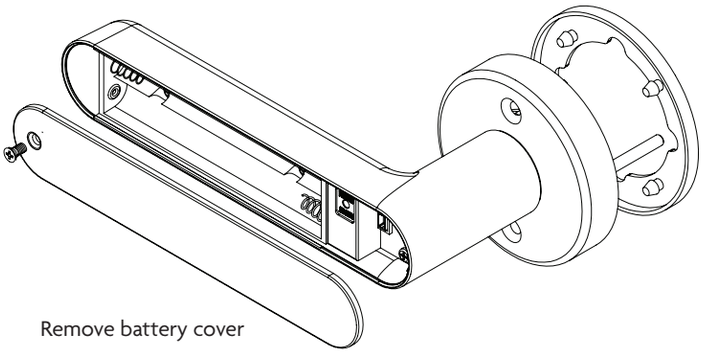
- Pass power cable through latch spindle hole
- Align non-removeable female fixing posts horizontally so they can pass through installed deadlatch.



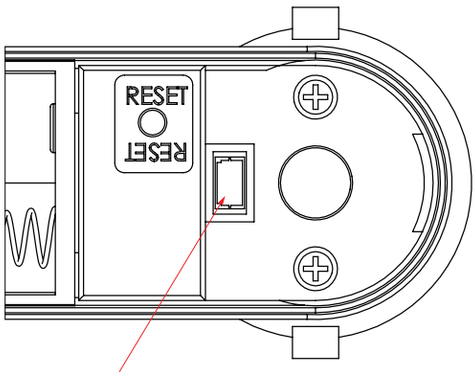
Install External Lever

STEP 3 - Internal Lever Install

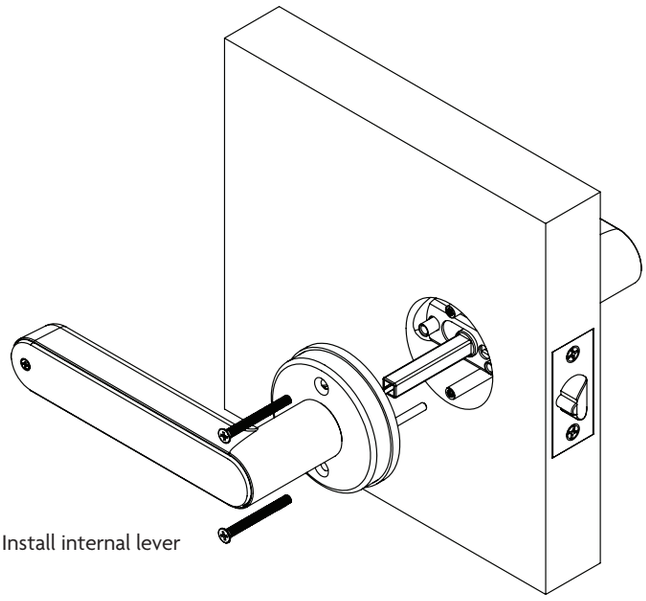
- Remove internal lever battery cover plate by removing the single screw shown.
- Ensure internal rubber gasket has been installed on the internal lever so it sits between the lever rose and the door.
- At the same time pass through the power cable and horizontal non removeable male fixing post so the lever sits flush on door face.
- Use M4*40mm fixing screws to secure internal lever to the vertical external threaded posts.
- Insert power cable into power receptor located near the reset button.



Remove battery cover



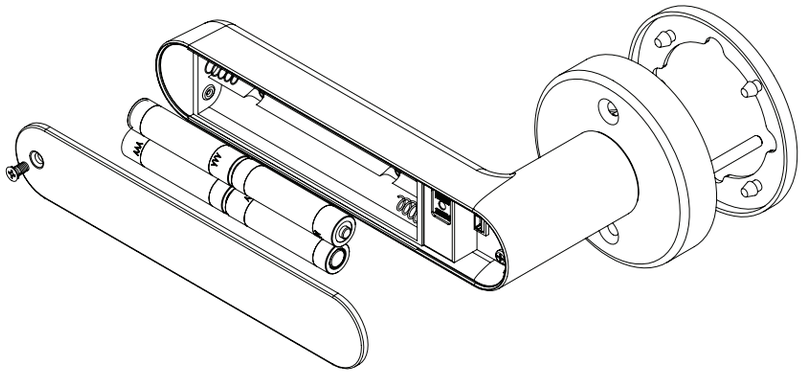
Feed connector cable through centre of lever and plug into receptor before replacing battery cover



Install internal lever

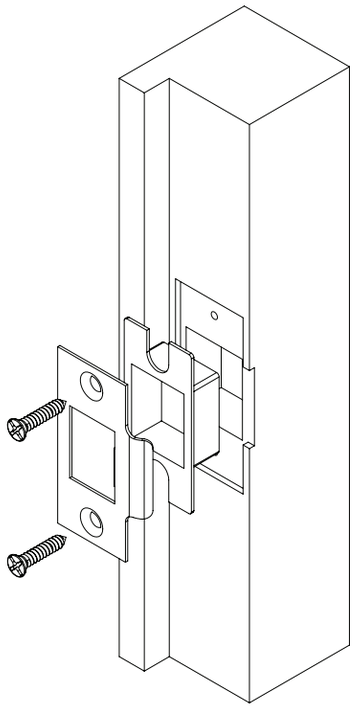
STEP 4 - Battery and Cover

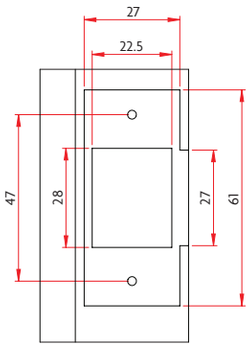
- Install batteries with positive and negative facing the correct way or as marked on the battery casing.
- **Lock will activate when batteries are installed. Keep door open at this point.**

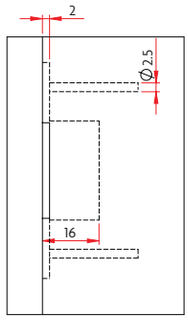


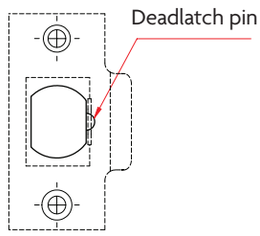
Install gasket, batteries and battery cover

STEP 5 - Dust box and Striker Plate









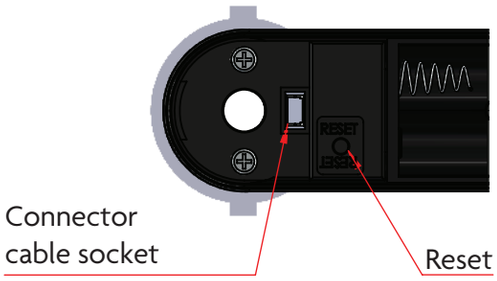
Install strike plate so the dead latching pin is depressed behind strike plate when door is closed.

OPERATION

STEP 6 - System Initialisation

Open the cover plate on the rear lever handle, press the reset button for 5 seconds, press 000#. The initialisation is now complete.

A default entry code can now be used 123456# This can be replaced by administration codes, cards and fingerprints during further set up.



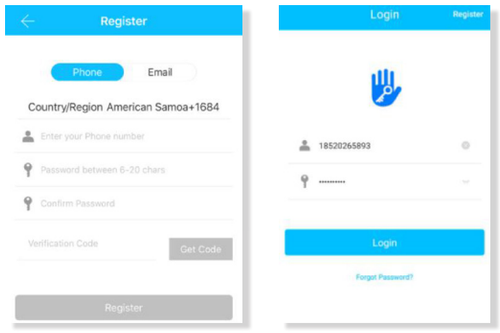
STEP 7 - Registration

Use the QR code to download the TTLock App. For iOS and android phones and other devices.

STEP 8 - Connect to your Mobile Device

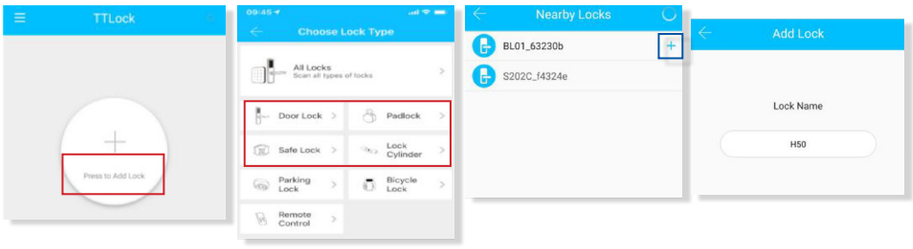
1. Please scan the QR code to download the app
2. You can also search for TTLock in the APP store (Google Play) to download
3. Register a new account (phone number or email) or login with an existing account.
4. Touch the lock screen to light, click "+ Add Lock"
5. The lock nearby will appear on the phone screen, Click "+"
6. The lock name can be renamed. e.g. front door, office door etc.
7. The lock added successfully

TTlock users can register the account by mobile phone and Email which currently support 200 countries and regions on the world. The verification code will be sent to user's mobile phone or email, and the registration will be successful after the verification.



STEP 9 - Add Locks

TTLock supports multiple types of lock devices. The lock needs to be added by the app after entering the add mode. Generally, a lock that has not been added, as long as the lock keyboard is touched, it will enter the add mode. The default password is 123456# if not added by the phone.



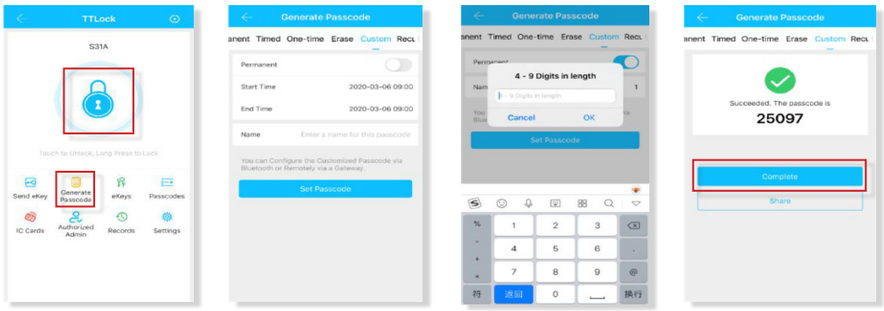
STEP 10 - User Management

Bluetooth management

Make sure there is no problem with Bluetooth communication. After connecting the phone to the door lock as above, Click " " to unlock. (ensure mobile device is within 5 metres of door lock).

Setting Passcode

The initial passcode is generated in the app. Once the generated passcode is used it can then be changed to something that can be easily remembered by the user if required. Passcodes can be set as permanent, time limited, single use, custom or reoccurring. Passcodes can be shared to users via SMS, email, Messenger, WhatsApp and WeChat.



Send e-Key

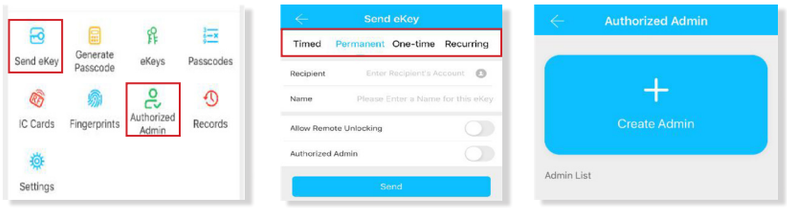
Click on the " Send eKey " as shown below, you can send the eKey to other users of TTlock to authorize the unlock (the receiver must be download the APP and set up an account)

→ Select e-key format (Timed, permanent, One-time, Recurring)

→ Enter recipient's account of TTlock,set the name and effective time of the eKey, Can choose to allow remote unlocking or disallowing, authorized administrator or not authorized, as shown below

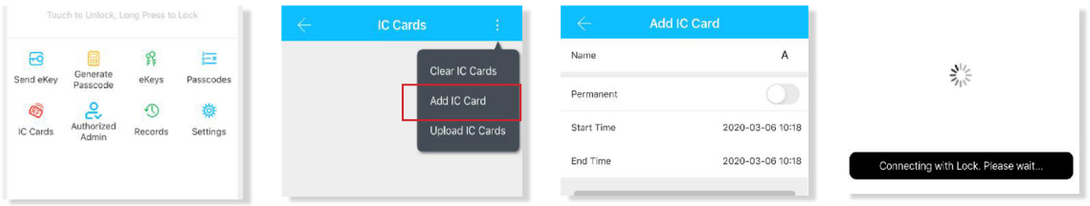
→ Send

→ The recipient's account has Bluetooth unlock permission



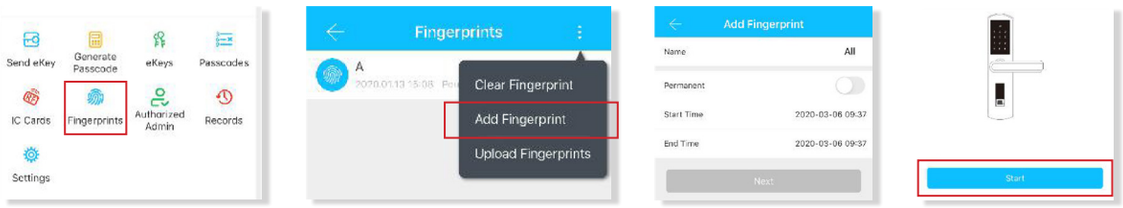
Add card

Supports opening doors through various IC cards. Before an IC card is used to open the door, it needs to be added first. The adding process needs to be performed by the app beside the lock. The validity period of the IC can be set, it can be permanent, or it can be limited in time.



Add fingerprint

Having the ability to add finger printers to unlock the door adds quick and easy access to your door lock. This process needs to performed using the App. (ensure mobile device is within 5 metres of the door lock) Fingerprints can be set as permanent, time limited, single use, custom or reoccurring.



e-Key management

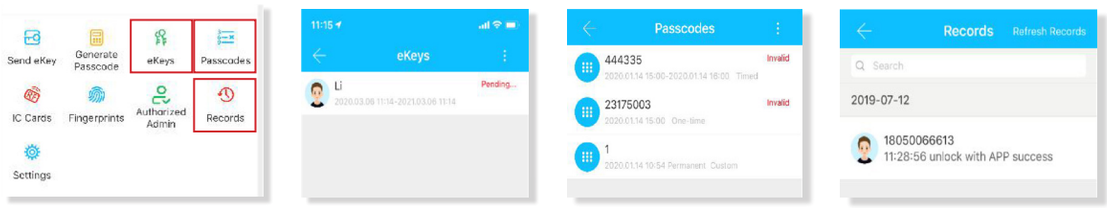
Click " eKeys " The manager can delete ekey, reset ekey, send and adjust the ekey, meanwhile he can search the lock record.

Passcode management

Click " Passcodes " All generated passwords can be viewed and managed in the password management module. This includes a password change, password deletion, password reset, and password unlock record.

Unlock records

Click " Records " you can query your unlock record as shown below

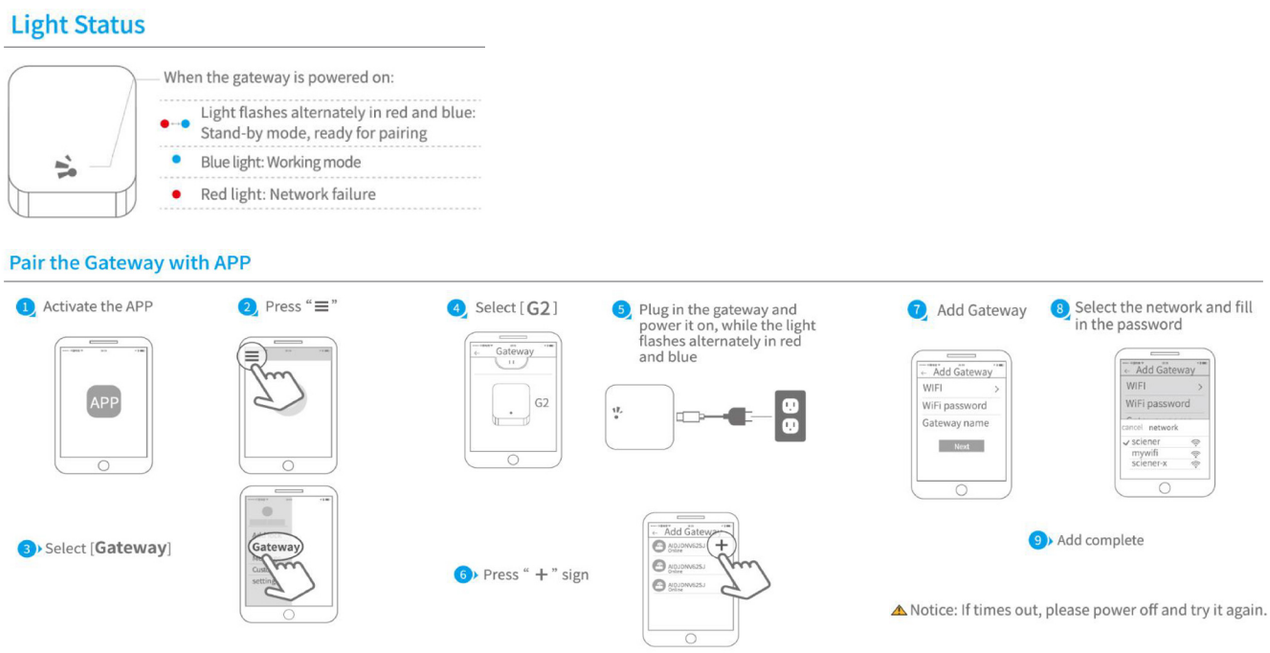


STEP 11 - Gateway Management (Optional)

The DL710 in standard mode is connected via Bluetooth. Unless its connected to a network. The gateway is a bridge smart locks and home Wi-Fi networks. Through the gateway the user can remotely view and calibrate the lock clock, read the unlock records and remotely unlock the lock. It can also delete and modify passwords and other options via the gateway. This is again set up through the App.

Note that the lock only connects via the gateway using the home Wi-Fi signal of 2.4GHz. It cannot connect to 5GHz.

Add Gateway



FAQ

Finger print and touch screen not working.	In this case, first check that the batteries have been installed in the correct positions. i.e. positive and negative are around the correct way. Check that the batteries are new and at full capacity. Remove the back panel to check if the wire loom has been connected correctly and that no wires have been pinched or damaged.
Unable to register fingerprint	Check that the finger is clean and dry, also ensure that the finger reader is free of any moisture, oil or debris. This should be the case anytime when using your finger to operate the lock.
Failed Attempts	In the event that 5 attempts are unsuccessful the lock will be deactivated for 5 minutes. Plus, an alarm will sound notifying people in the vicinity that the lock has had unauthorised access.
Why do the batteries consume so much power?	If you encounter large power consumption it maybe an indication that you have a short circuit. Please check connectors and cables for damage.
How do I activate passage mode?	Passage mode needs to be switched on via the app under settings. You will need to select a day including as start and end time. Passage mode is activated only after the door has been unlocked during the passage mode period set.
What is Auto lock?	Auto lock allows you to set a time when the lock re-locks after it has been unlocked. This can be set for up to 60 seconds or as little and 5 seconds. This is controlled in the app.
Can I tell who has used the lock?	In the app there is an icon called records. This is where you can look at the history of the locks operations, by operator, time and date.