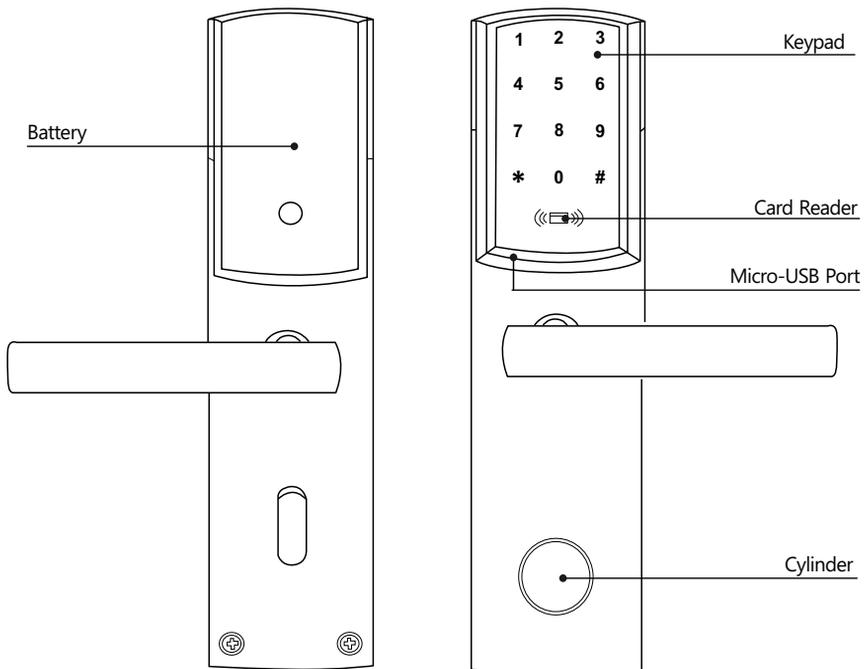


**Digital Door Lock**

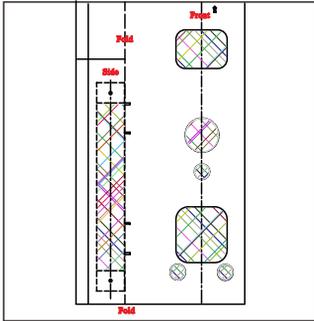
**VN168**



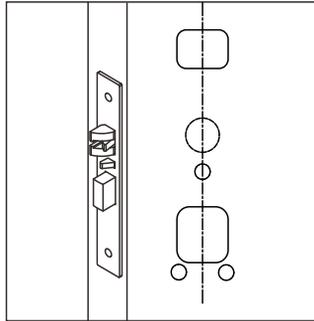
## Brief Introduction

- 1 There are 1 master password user, 50 password users and 200 card users available in the lock.
- 2 The default master password is "1234-5678". New Lock only has master password, people only can input the master password to unlock.
- 3 The master password has to be 8 digits, while the normal password has to be 6 digits.
- 4 The Micro-USB port is used as the emergency power port.
- 5 There are 2 unlocking modes in the lock:
  - a) **Single Unlocking Mode:** each time the lock only needs 1 registered user for unlocking;
  - b) **Double Unlocking Mode:** each time the lock needs 2 registered users for unlocking.  
These 2 registered users have to be 1 password user and 1 card user.

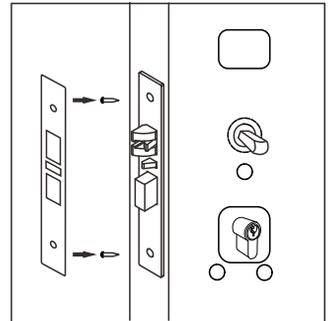
# Installation



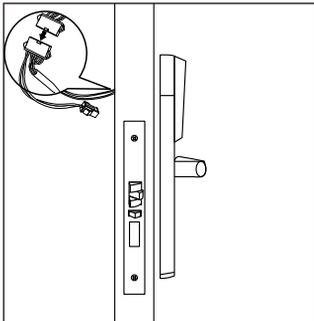
1. Drill the holes on the door according to the template;



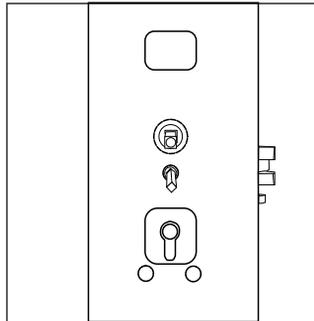
2. Install the mortise into the door, and fasten the screws;



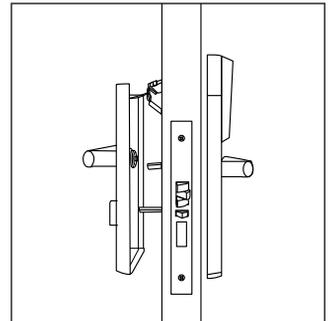
3. Install the cylinder into the mortise, and then install the cover on the mortise. Insert the spindle into the mortise.



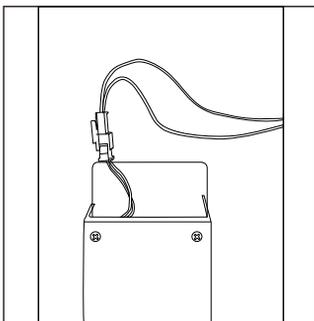
4. Install the front panel on the door, connect the cable with the mortise cable;



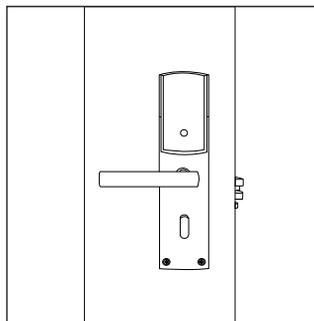
5. Insert the spindle and the deadbolt spindle into another side of the mortise



6. Install the back panel on the door, and fasten the screws



7. Connect the power cable with the battery case

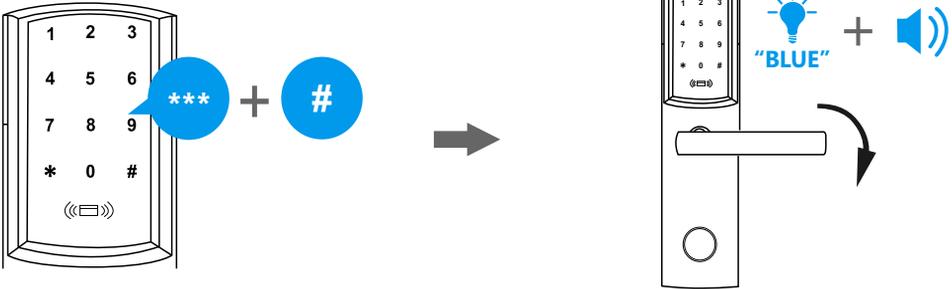


8. Try to unlock the lock and confirm the installation is correct.

# Operation

## 1 Password Unlocking

Touch the keypad to activate the lock, and then input the password with press “#” to finish. If the password is correct, the LED indicator shows blue light with sounds, and then you can press down the handle for unlocking.



**!** *If you input a wrong password for 5 times, the lock will be locked for 5 minutes. During the 5 minutes, the lock cannot be activated and all operations are not available. After that, the lock returns to normal state.*

## Random Password Protection

For a better security protection to the password user, the lock is designed with a random password protection. You can add any digits before and after the real password.

For example, the password is “123-456”, you can unlock the lock by inputting the password as following:

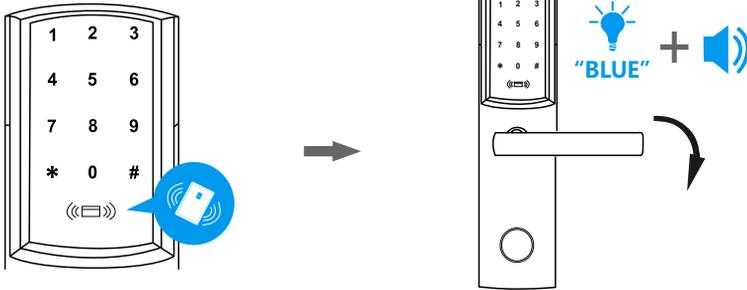
1:       123456#

2: 123456       #

3:     123456     #

## 2 RF Card Unlocking

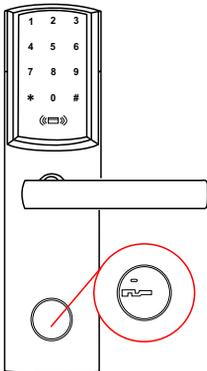
Place the card close to keypad. If the card is correct, the LED indicator shows blue light with sounds, and then you can press down the handle for unlocking.



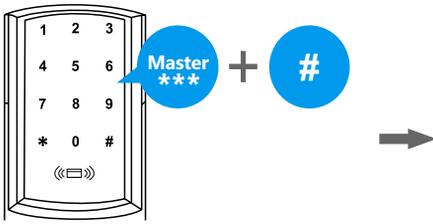
## 3 Mechanical Key Unlocking

*When there are problems with electronic part, and the batteries run out of power using mechanical key is the way to unlock the lock.*

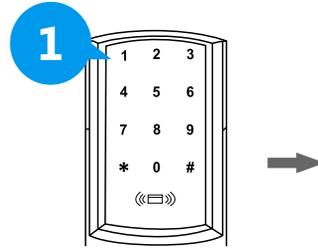
Take out the cylinder cover, and then insert the mechanical key into the cylinder, then turn the key to unlock.



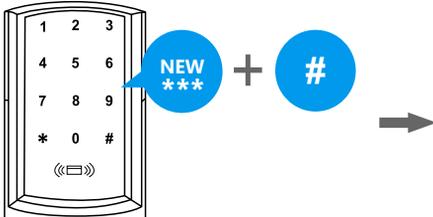
## 4 Change Master Password



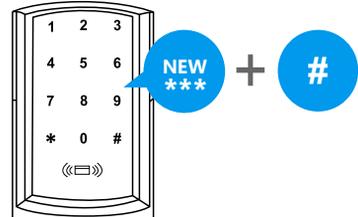
- a Input master password,  
press # to confirm;  
*(default password is 1234-5678)*



- b Input 1



- c Input new master password,  
press # to confirm;



- d Input new master password again,  
press # to confirm, and then finish  
the registration.

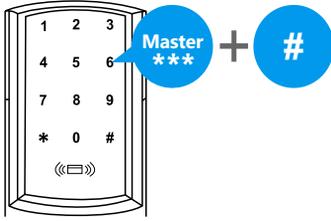


**The master password has to be 8 digits.**

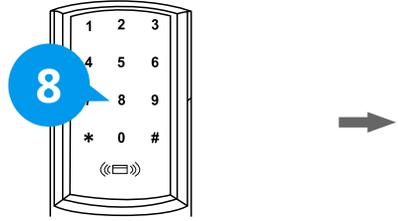


**Once finish the operations, please try to unlock the lock to confirm the operation is successful.**

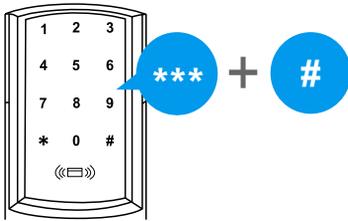
## 5 Add Users (Password User)



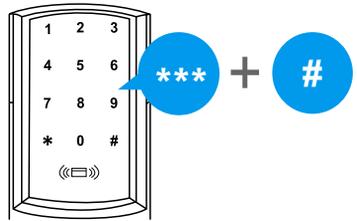
- a Input Master Password, press # to confirm;



- b Input 8



- c Input new password, press # to confirm;



- d Input new password again, press # to confirm, and then finish the registration.

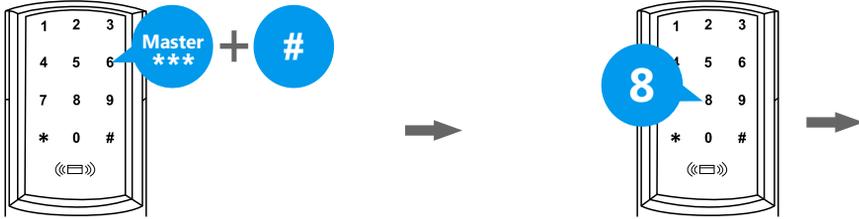


***The password has to be 6 digits;***



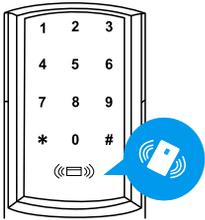
***Once finish the operations, please try to unlock the lock to confirm the operation is successful.***

## 6 Add Users (Card User)



- a Input Master Password, press # to confirm;

- b Input 8



- c Place the card on the card reader and finish the registration.



***If the deadbolt comes out when registering, the card can unlock when the deadbolt is open.***

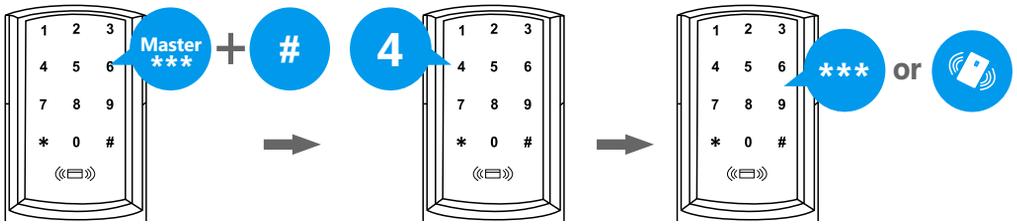


***It is suggested to make a list for recording the card user ID.***



***Once finish the operations, please try to unlock the lock to confirm the operation is successful.***

## 7 Delete Single User (Password or Card)



**a** Input Master Password, press # to confirm;

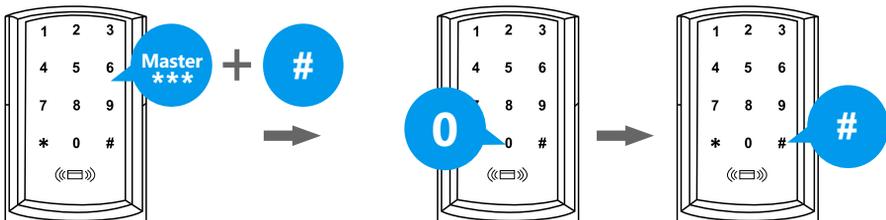
**b** Input 4

**c** Input the password (or Card) you want to delete, and the system will delete it.



**Once finish the operations, please try to unlock the lock to confirm the operation is successful.**

## 8 Delete All Users (Password and Card)



**a** Input Master Password, press # to confirm;

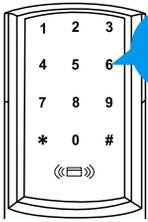
**b** Input 0

**c** The lock starts to delete all normal users.

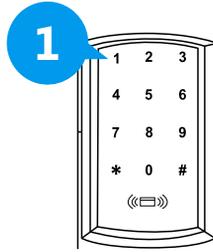


**Once finish the operations, please try to unlock the lock to confirm the operation is successful.**

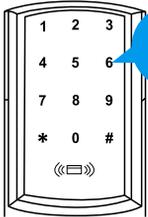
## 9 Modify Password



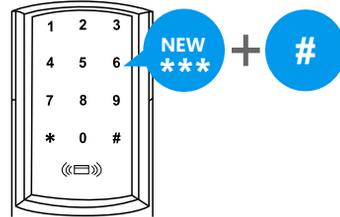
- a Input Old Password, press # to confirm;



- b Input 1



- c Input new password, press # to confirm;

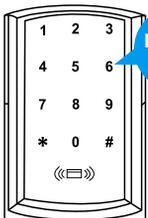


- d Input new password again, press # to confirm, and finish.

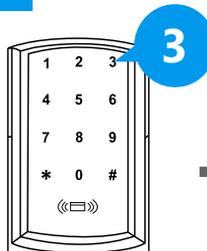
 **The password has to be 6 digits.**

 **Once finish the operations, please try to unlock the lock to confirm the operation is successful.**

## 10 Delete the Lost Card



- a Input Master Password, press # to confirm;



- b Input 3



- c Input the card before the lost card to delete the lost card, and finish.

 **It is suggested to make a list for recording the card user ID**

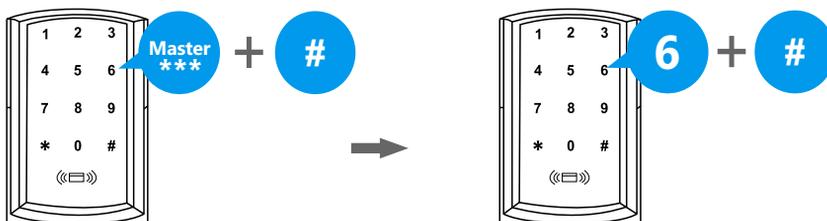
 **If the ID of the lost card is the last one, please use the card in first ID to delete it.**

 **Once finish the operations, please try to unlock the lock to confirm the operation is successful.**

# 11 Unlocking Mode

When the lock is requested for unlocking frequently, you can activate the passage mode and let the people unlocking without identifications.

## Single Unlocking Mode to Double Unlocking Mode



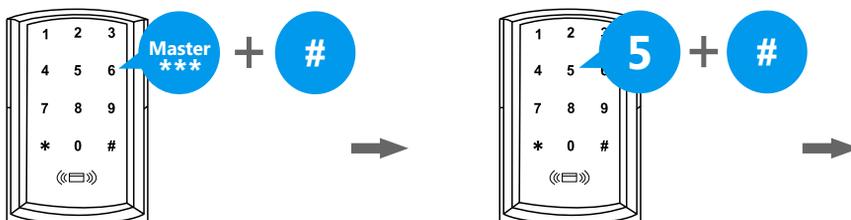
a Input master password, press # to confirm;

b Input 6, press # to confirm, and finish.

**!** Each time the lock needs to input 1 registered user for unlocking.

**!** Once finish the operations, please try to unlock the lock to confirm the operation is successful.

## Double Unlocking Mode to Single Unlocking Mode



a Input master password, press # to confirm;

b Input 5, press # to confirm, and finish.

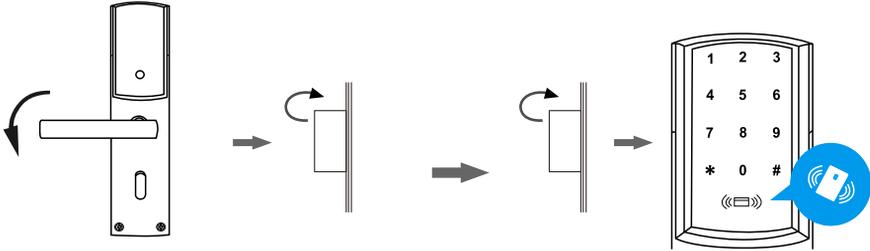
**!** Each time the lock needs to input 2 registered users for unlocking. These 2 users have to be 1 password user, and 1 card user.

**!** Once finish the operations, please try to unlock the lock to confirm the operation is successful.

## 12 Passage Mode

When the lock is requested for unlocking frequently, you can activate the passage mode and let the people unlocking without identifications.

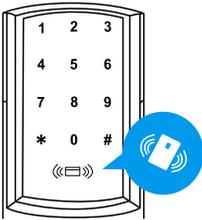
### Enable:



- a** Press down the inside handle and retract the latch bolt.

- b** Keep retracting the latch bolt, and then place an unlock card on the reader when the lock has an alarm

### Disable:



- a** Place an unlocking card on the reader to unlock, and then the lock returns to normal state.

## 13 Restore the Lock

When the lock has problems and you can try to restore the lock to solve the problems.

Insert the key into the cylinder and turn the key to retract the latch, hold it for 20 seconds and release it when hearing the lock sounds.

