

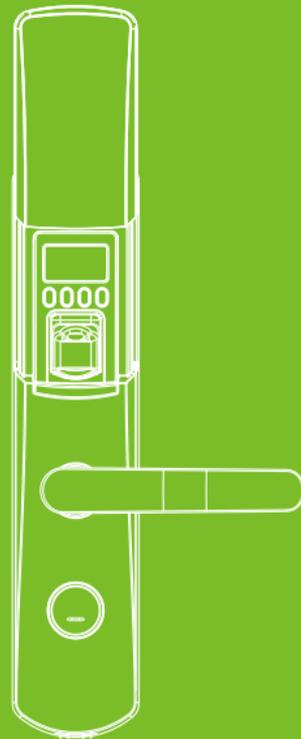
# Installation Instruction

L9000

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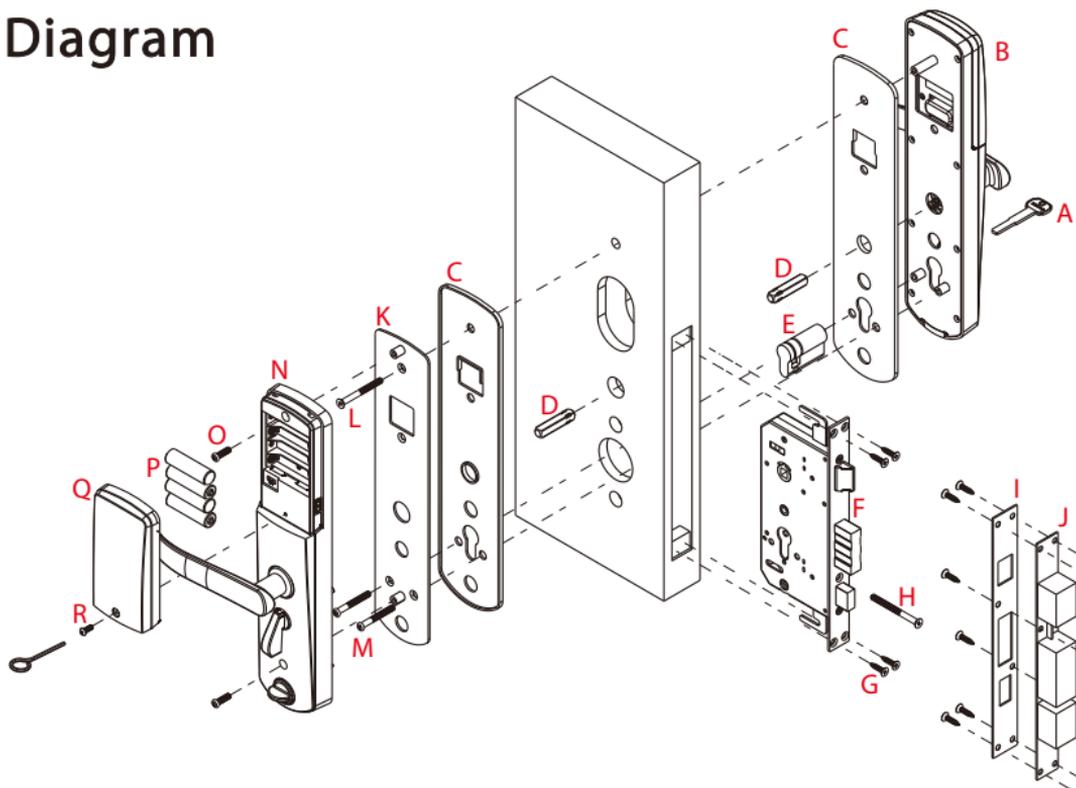
Version: 1.0

Date: Apr., 2015

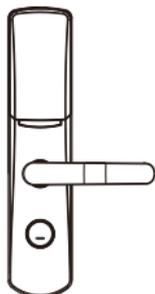


# Before Installation

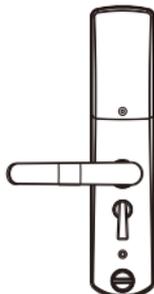
## Diagram



# Packing List



B



N



C



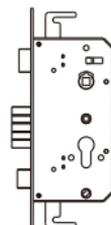
K



I



J



F



E



A

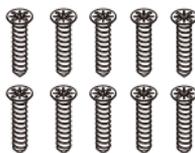


H



R

Wooden Door

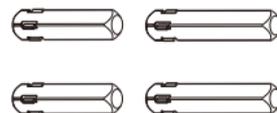


20 mm

Security Door



10 mm



50 mm



70 mm



15 mm

G

D

O



40 mm



55 mm



70 mm

L



55 mm



70 mm

M



85 mm

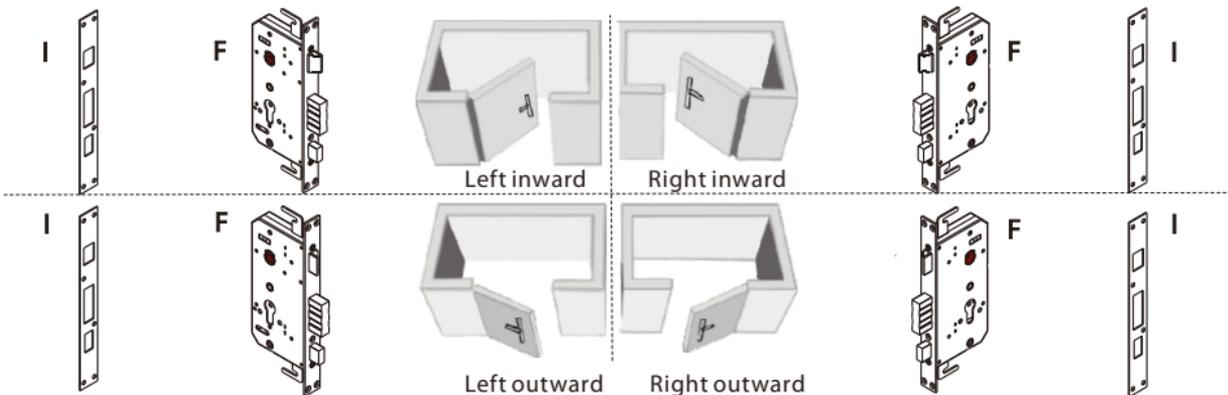
# Door Preparation

## 1. Check door thickness, prepare the proper screws and spindles.

Door Thickness	<b>D</b> Spindle	<b>L</b> Screw	<b>M</b> Screw	<b>O</b> Screw	<b>E</b> Cylinder
45-60 mm	50 mm	40 mm	55 mm	15 mm	40 mm
60-75 mm		55 mm	70 mm		50 mm
75-90 mm	70 mm	70 mm	85 mm		60 mm

**Note:** The standard package includes 50 mm cylinder only, which can be used in the door thickness of 45-60 mm and 75-90 mm if the mortise is not placed along the centerline of door side.

## 2. Check door open direction.



**Note :** 1. Mortise (F) can be applied to inward or outward directions by adjusting the direction of latch bolt. Please refer to Tips for further details.

2. There are 2 types of mortise (F): one is for left open, the other is for right open. Please use the correct one.

## 3. Check door type.

Lock without hooks is applied to wooden door, and lock with hooks is applied to security door.

(Without hooks) (With hooks)

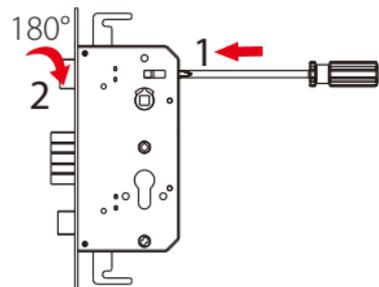


# Tips

## 1. How to change the direction of latch bolt?

**Step1:** Press the end of latch bolt as the direction of arrow 1.

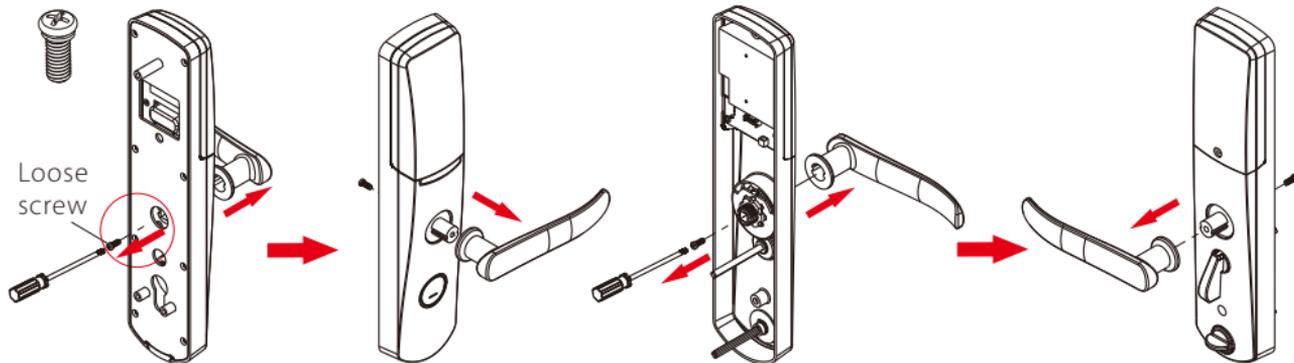
**Step2:** Rotate the latch bolt at 180°, which is shown as arrow 2.



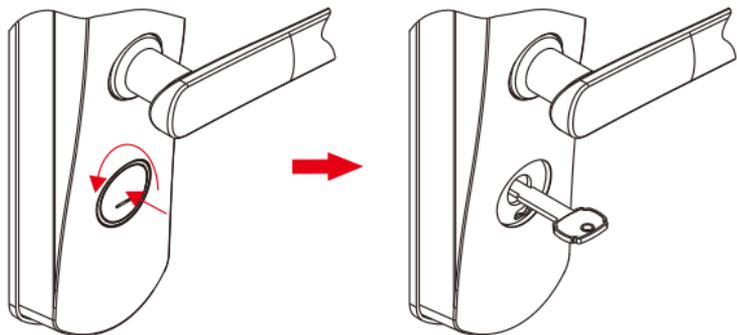
## 2. How to change the handle direction?

Front Panel

Back Panel



### 3. How to use mechanical key ?



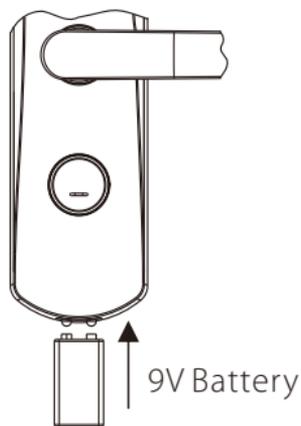
Press the cover on key hole and contrarotate it at 30° to remove the cover.

Insert the key into key hole and rotate it.

## Cautions

1. New lock is defined as always open mode.
2. Please register administrator firstly to prevent any illegal access.
3. The lock is equipped with mechanical keys for manual unlocking. Remove mechanical keys from the package and keep them in a safe place.
4. To power on the lock, four alkaline AA batteries (not included) are required. Non-alkaline and rechargeable batteries ARE NOT RECOMMENDED.
5. Do not remove batteries when the lock is in working state.
6. The operation of setting lock has a stand-by time limit of 10 seconds. Without any activity, lock will shut off automatically.
7. Keep your fingers clean when using this lock.

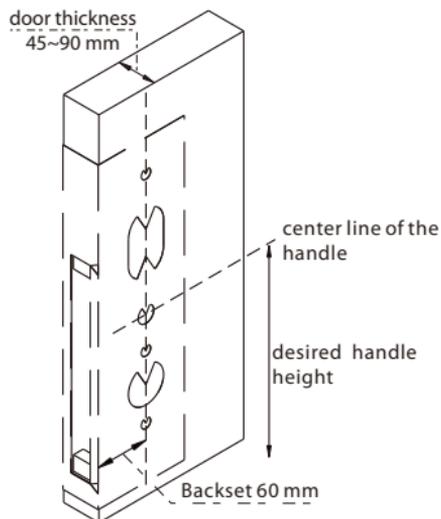
### 4. How to use emergency power?



9V Battery

# Installation

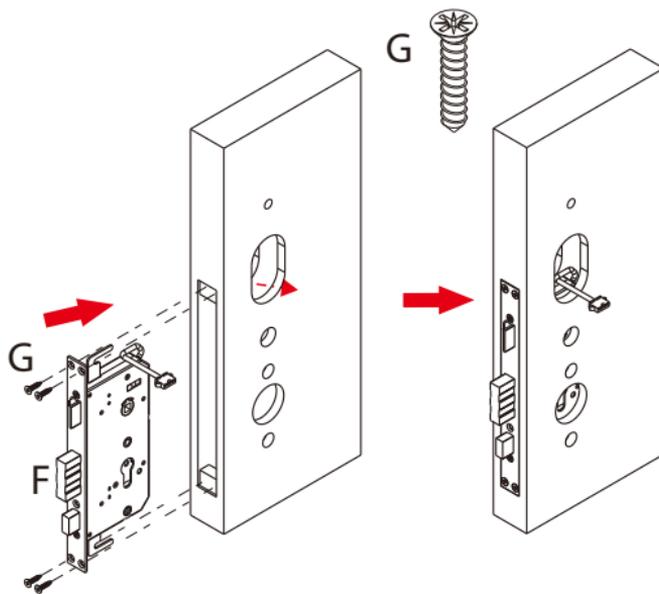
## 1. Drill holes on the door



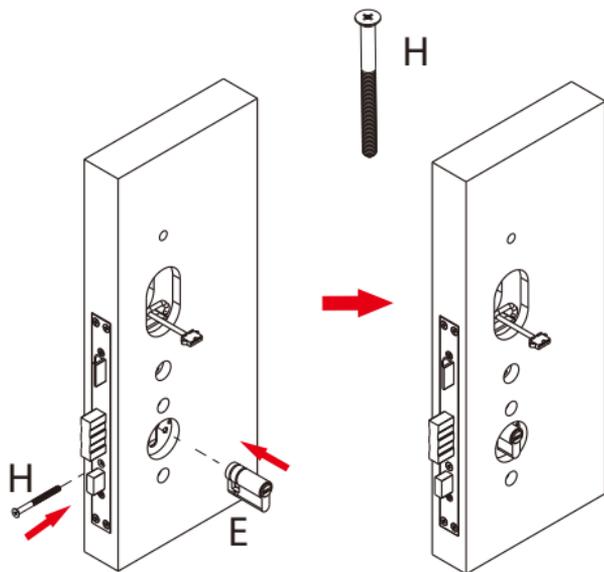
**Note 1:** Align the template along the vertical center line of the mortise (F) at the desired handle height, and tape it to door.

**Note 2:** Mark the holes first, then start drilling.

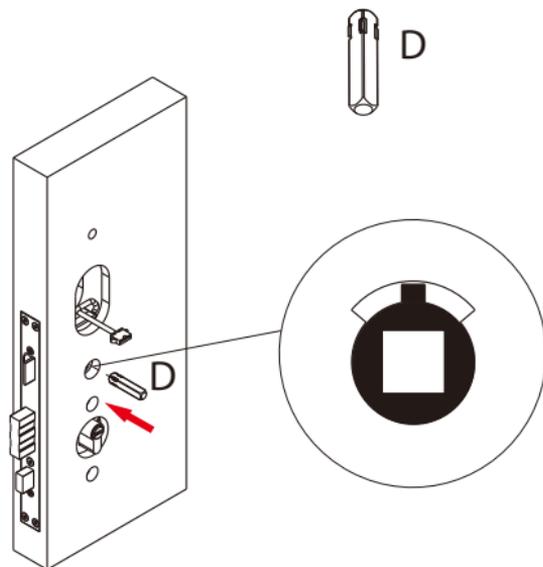
## 2. Install the mortise (F)



### 3. Install lock cylinder (E)

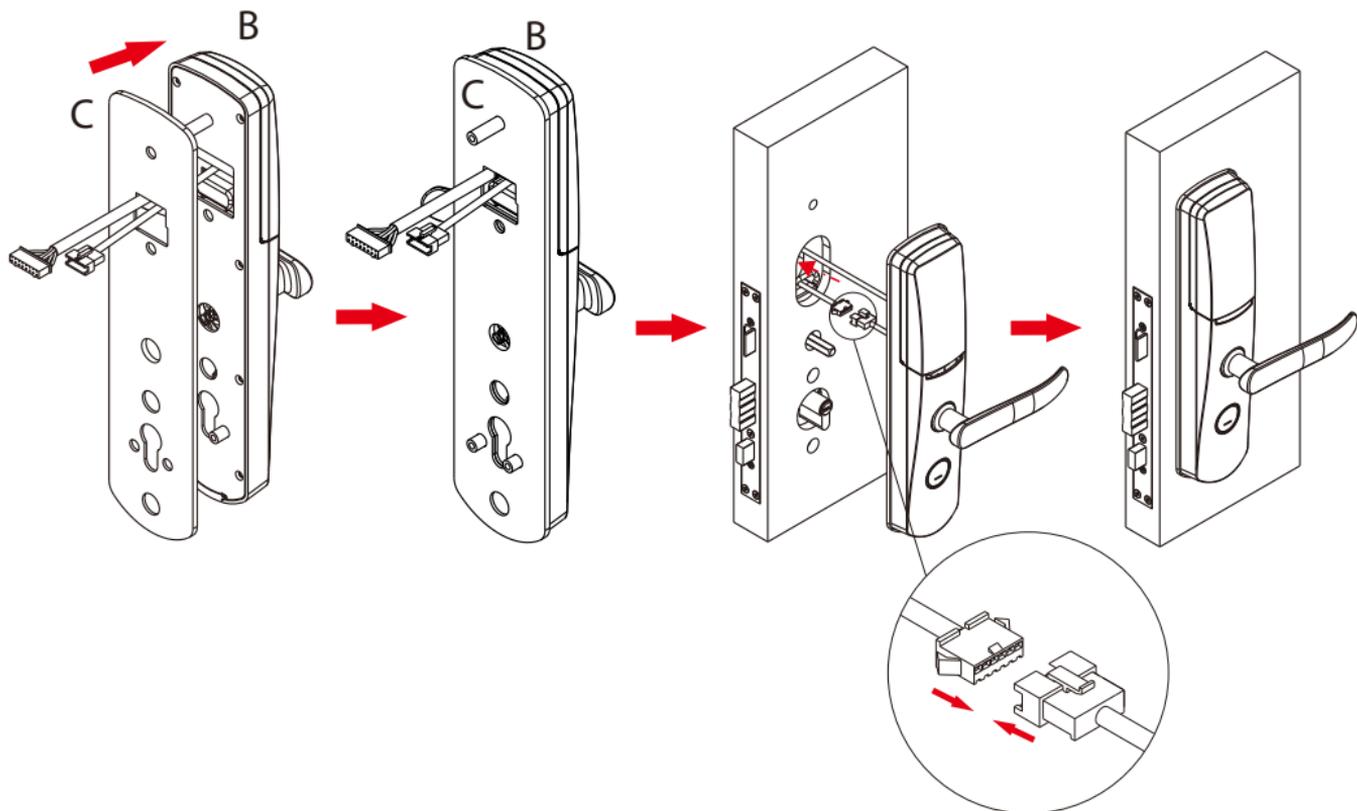


### 4. Install spindle (D)

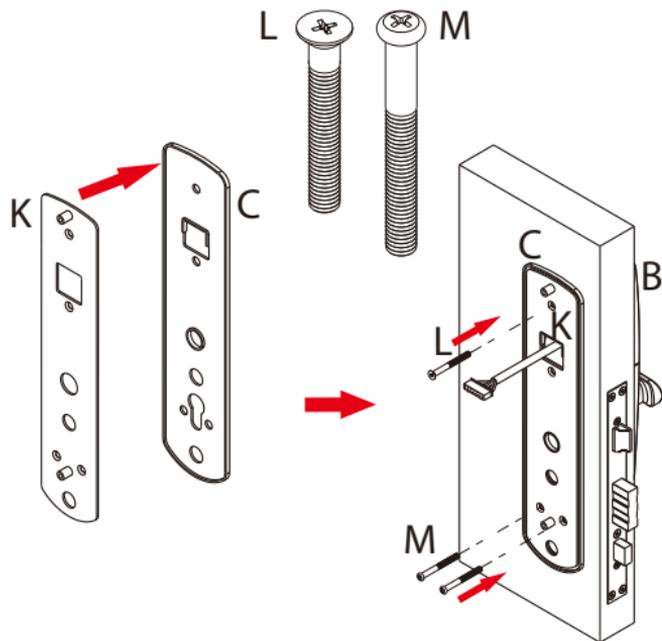


**Note:** Install lock cylinder in right direction, then tighten screw (H) to fix it.

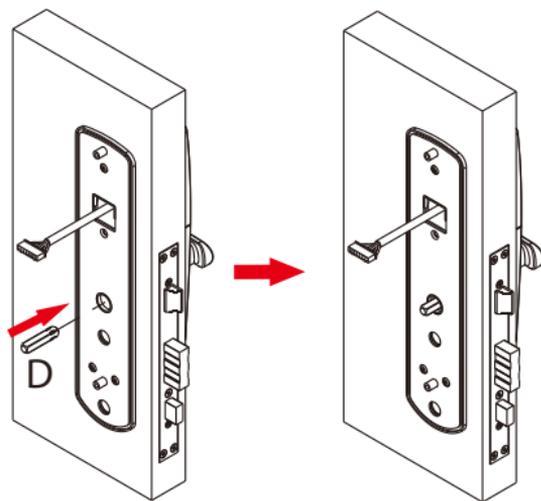
## 5. Install outdoor unit (B) with gasket (C)



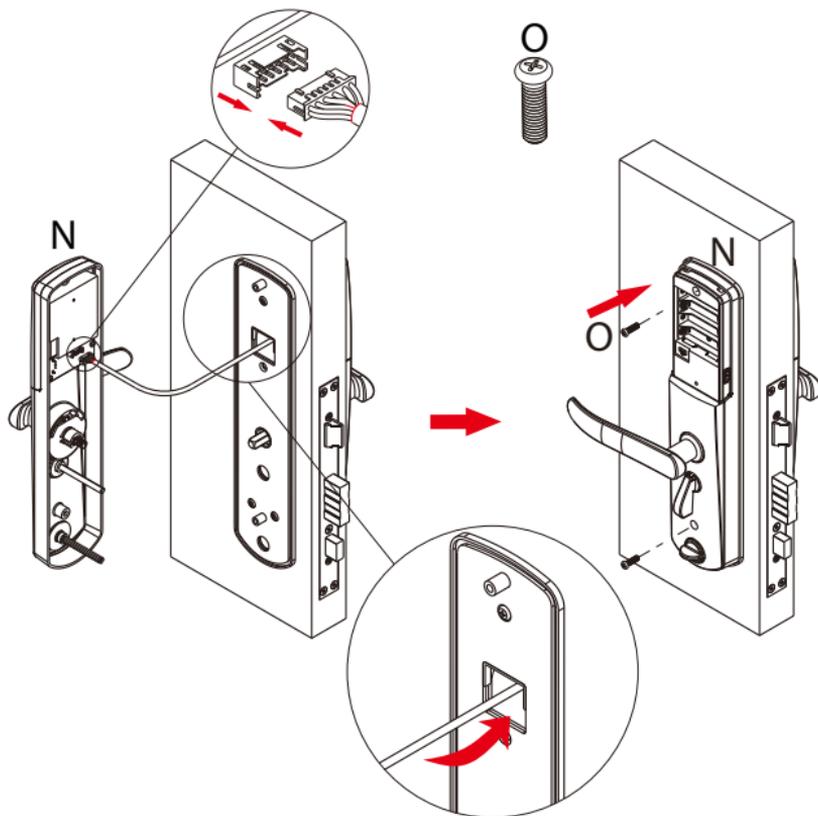
## 6. Install mounting plate (K) with gasket (C) on the door



## 7. Install spindle (D) on the door

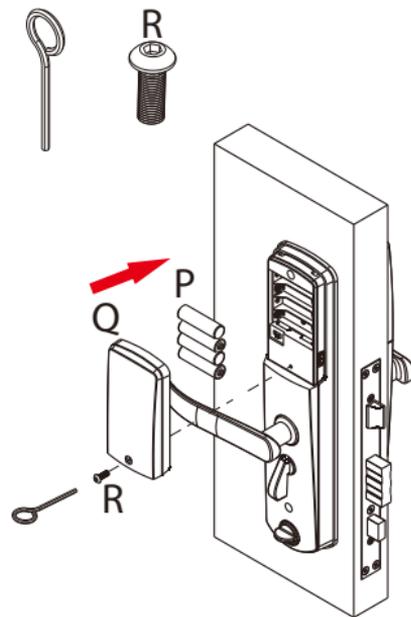


## 8. Install indoor unit (N)

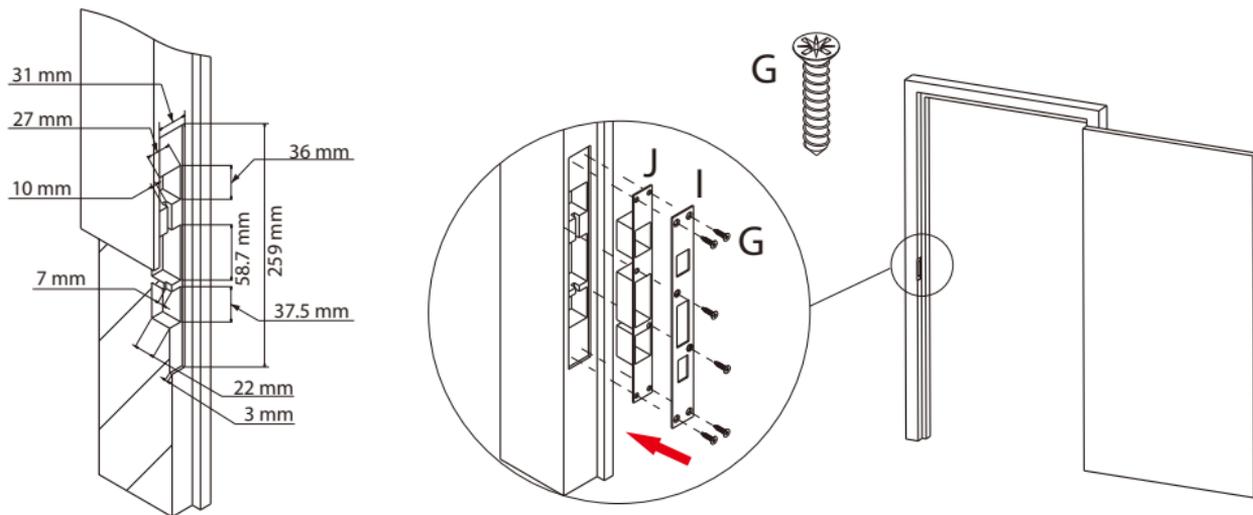


Note: Push cable into the hole.

## 9. Install the battery (P)



## 10. Mark and drill holes for strike



## 11. Test the lock by mechanical key (A) or registered fingerprint

