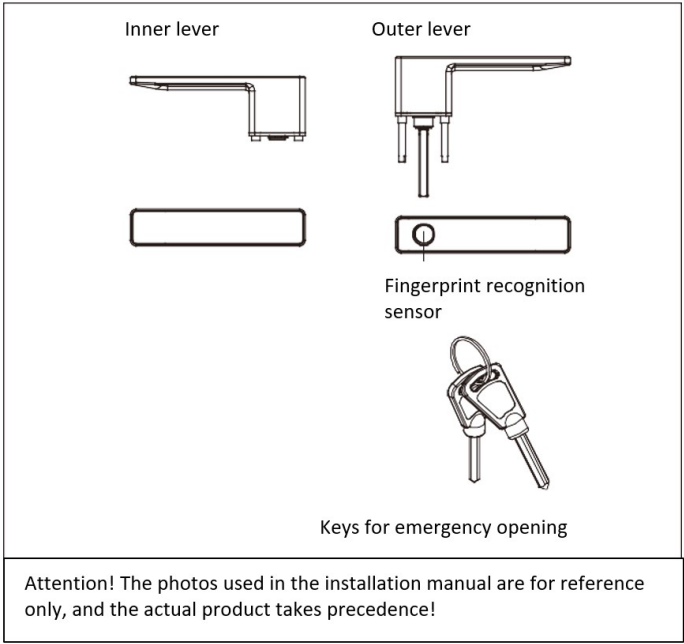


## 1. User Manual - Mahonia Handle

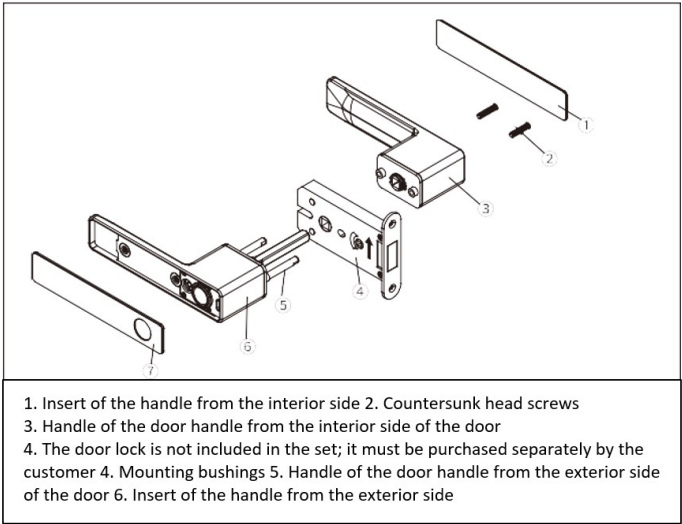
**Dear User!** Thank you for using this smart handle. Before installing this product, please thoroughly review the installation and operation manual.



## 2. Parts list

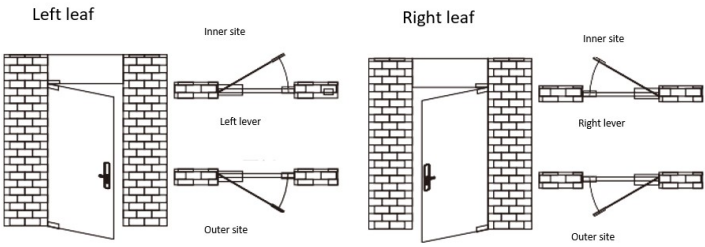
After unpacking the box, please check if the contents match the list below. In case of defects or missing items, please contact customer service.

No.	Name	Quantity
1	Insert the handle from the interior side	1
2	Countersunk head screws	2
3	Handle of the door handle from the interior side of the door	1
4	The door lock is not included in the set; it must be purchased separately by the customer	0
5	Mounting bushings	2
6	Handle of the door handle from the outer side of the door	1
7	Insert the handle from the exterior side	1
8	Charging cable for the handle's battery	1
9	Emergency keys	1



## 3. What to know before installation

**Before installation, check the door's opening direction.**



### Power supply method



Interfejs type C

If the battery runs out, connect the handle to the charger using the cable. In the meantime, you can use the key set for emergency opening.

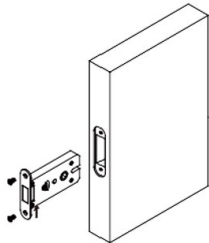
Charging voltage: 5V/2A

Charging mode: After connecting the Type-C interface, the LED indicator lights up red, and it turns off once fully charged.

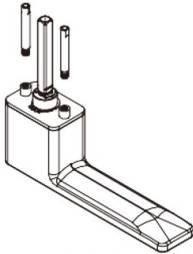
**Attention!** Before the first use, the battery must be fully charged. The charging time is approximately 1 hour.

## 4. Installation

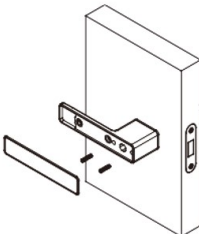
Install the lock in the door leaf  
/the lock is not included in the handle



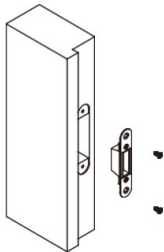
Screw the spindle and bushings into the properly threaded holes



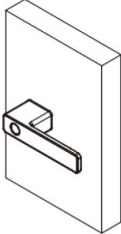
Attach the inner part of the handle to the door and secure it with the screws from the set, then install the insert



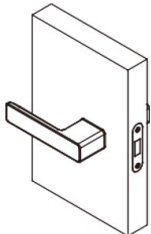
Install the strike plate in the door frame  
/the strike plate is not included in the



Insert the handle into the door – make sure to align the spindle correctly



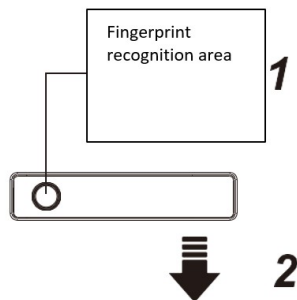
Install the outer insert and check if the handle mechanism is working properly



**Attention!** The thickness of the door for which the handle can be installed is 40-60mm

## 5. How to use the smart lock

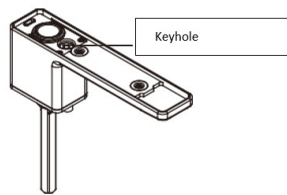
### Smart handle unlocking



1. Place the registered finger in the fingerprint recognition area. The buzzer will emit a single beep, and the green light will turn on.
2. Press the handle down to unlock.

### Emergency key unlocking

In an emergency situation, such as a drained battery, lock blockage, or system failure, the backup key can be used to unlock the door

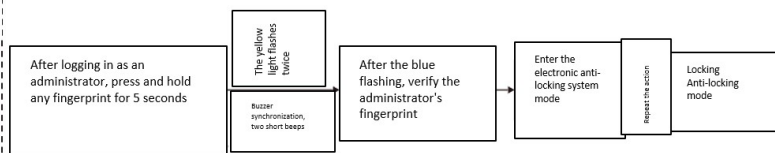


Insert the key into the keyhole, turn it until it stops (about 90°), and then press the handle to unlock.

Attention! For safety reasons, the key should not be stored in the same room as the handle.

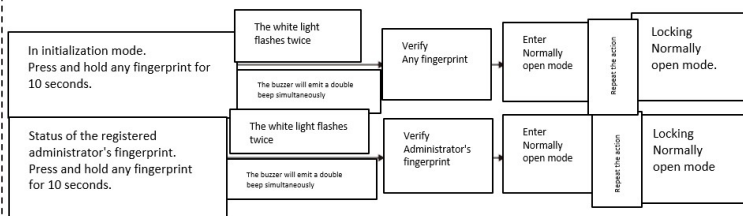
## More function descriptions

### Anti-locking mode (mechanical operation method)



- The electronic anti-locking system cannot be initialized!
- In the electronic anti-locking state, the door can only be unlocked with the administrator's fingerprint!
- Only after registering the administrator's fingerprint in the Tuya Smart app can the mechanical mode be activated

### Normally open mode (mechanical operation method)



### Total fingerprint capacity

The total number of fingerprints is 20, and the first 2 registered fingerprints are by default the administrator's fingerprints.

### Lock opening/closing time

When the motor is unlocked, it rotates forward for 150 milliseconds, with a 3-second interval, and then rotates backward for 150 milliseconds.

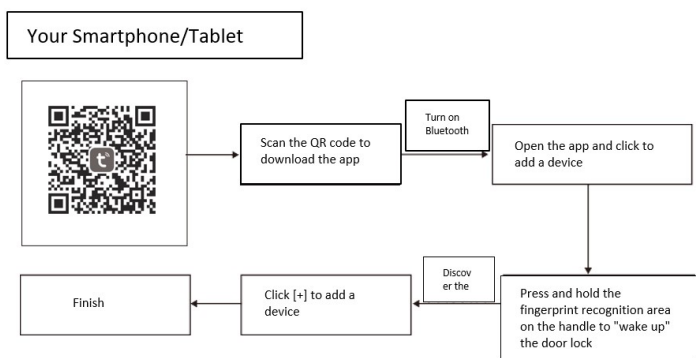
### Other information

- Storage temperature: -10 ~ 60°C
- Operating temperature: 0 ~ 40°C
- Protect the motherboard to prevent chip damage from static electricity.
- Keep away from magnetic components while the motherboard is in operation.
- Do not connect or disconnect connectors while the motherboard is in operation.
- Do not squeeze, bend, or dismantle the motherboard.

When the motherboard is dusty, it can be cleaned with a soft, dry cotton cloth.

## 6. How to configure the handle

### Tuya Smart App



### Using the Tuya Smart App

