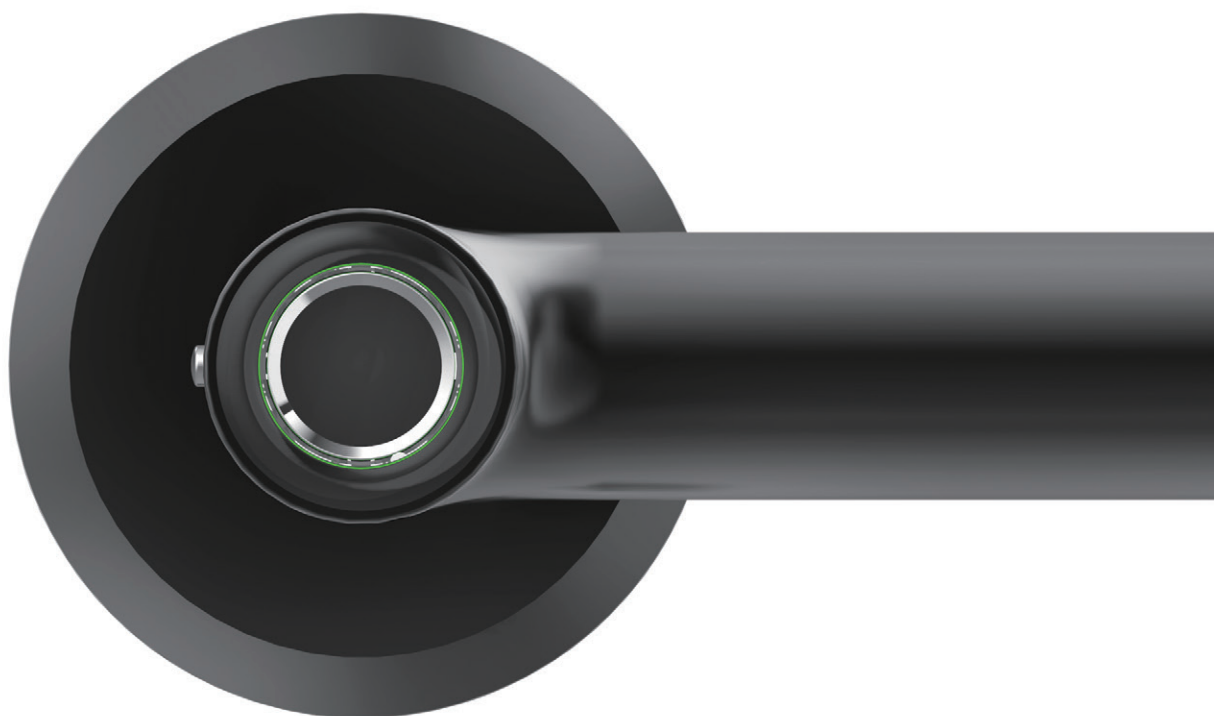


# SMART

Fingerprint Door Handle  
SERIE - Model 2K9001



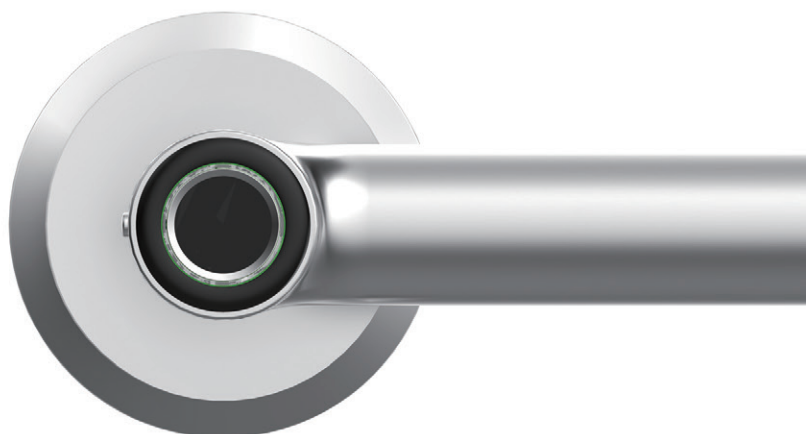
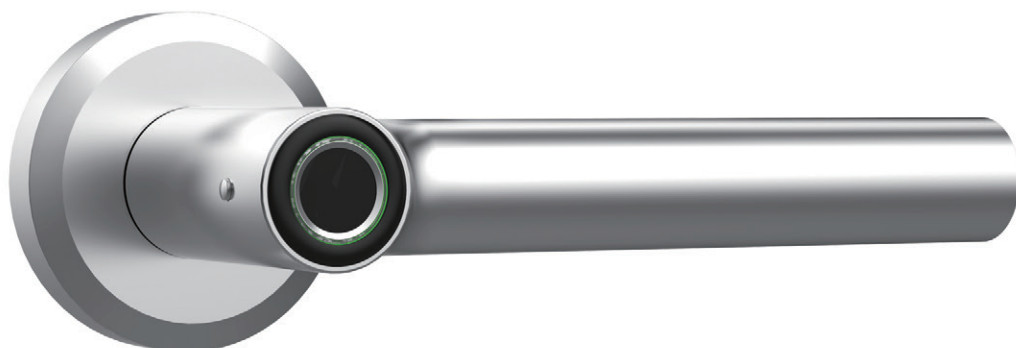
## Feature

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1. Up to 100 fingerprints record
  2. Semiconductor capacitive fingerprint recognition module
  3. Working life more than 1 year by 2 regular AA LR6 alkaline battery.
  4. Fingerprint record is still valid after battery is dead and replaced
  5. Dual safety model of fingerprint and/or mechanical key
  6. Left or right open
  7. Easily install or replace the regular door handle on rosette.
- 



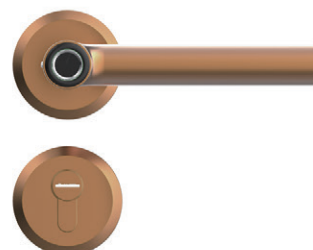
## Product



2K9001 Black

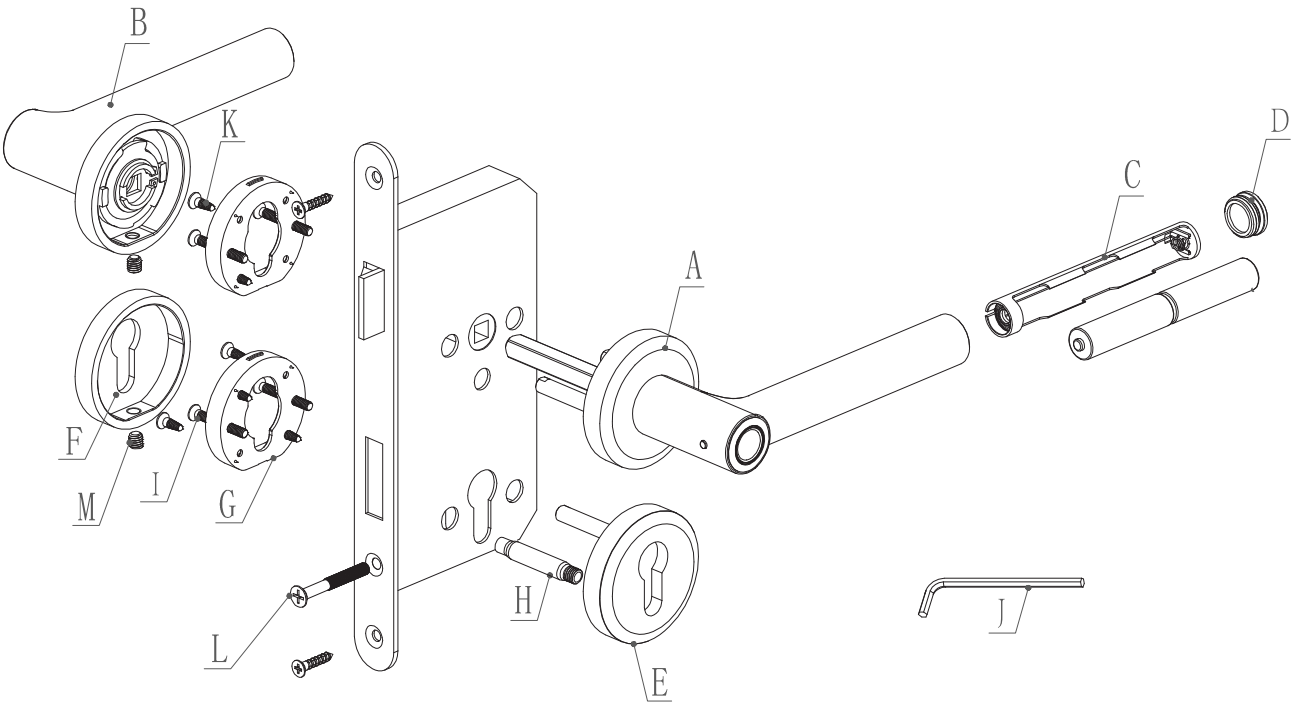
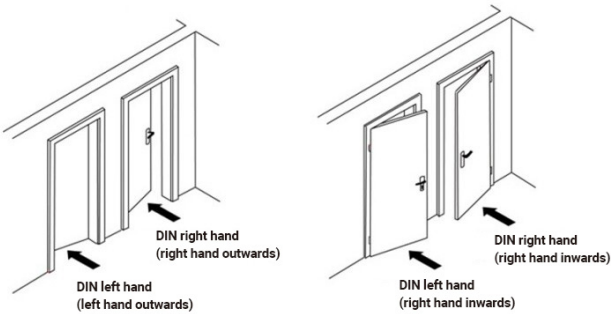
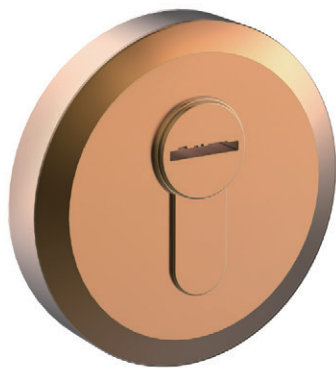
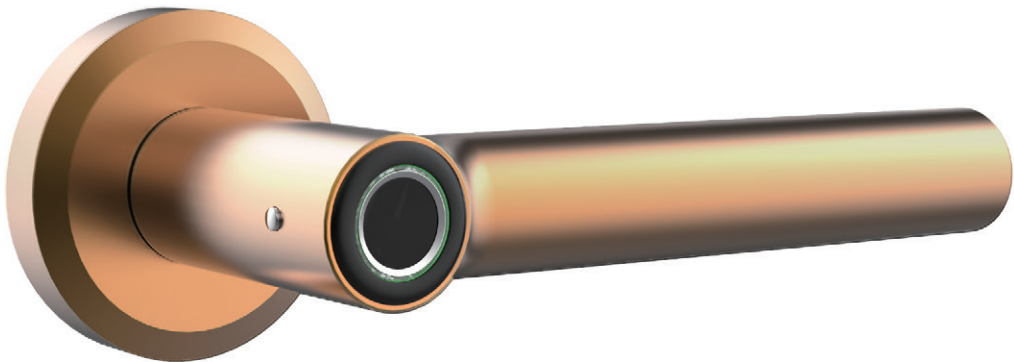


2K9001 Silver



2K9001 Brown

Product



### Characteristics:

#### **Up to 100 fingerprints record**

The memory can record up to 100 fingerprints, 2 are administrators and 98 are normal user.  
Easy to setup the administrator fingerprint, and also user fingerprint too.  
Each process is with both lamp lighting and also beeping sound for double confirmation.

#### **Semiconductor capacitive fingerprint recognition module**

With professional high sensitivity semiconductor capacitive fingerprint recognition sensor, the lock can precision and quickly read user's fingerprint with Minimum error.  
Compare to other sensor method, the capacitive sensor is also energy saving.

Working life more than 1 year by 2 regular AA LR6 alkaline battery.  
The door locks is designed very energy efficient  
With 2 regular AA LR6 alkaline battery, the lock test passes more than 1 year working life.  
With red, green, blue, three colors of lighting for easily distinguishing different operation step.  
With short or long beeping sound, DO-RE-ME, ME-RE-DO sound for extra confirmation of each operation or step.

#### **The fingerprint is still valid after the battery is dead and replaced.**

If the battery is too long time and dead, the fingerprint record is still available in memory.  
Just simply replace two new batteries, the lock will re-work again.  
The battery can be replaced outside of door.  
Mechanical key can always open the lock.

#### **Dual safety model of fingerprint and/or mechanical key.**

The lock is designed to operating by both fingerprint and mechanical key, or only fingerprint, or only mechanical key. The variety of locking methods, easy to operate, easy to manage.  
User can still use old mechanical euro profile cylinder and keys.  
Fingerprint lock control the latch bolt.  
Mechanical key can control both latch bolt and dead bolt of lock body, if it is.  
Fingerprint function can be temporarily disable and the lock will work like a normal door handle.

#### **Left or right open.**

The lock is designed for DIN left open or DIN right open.  
When purchase, please choose the suitable opening direction.

#### **Easily install or replace the regular door handle on rosette.**

The benefit of lock design is easily replacement of the normal door handle to enable your door with smart lock function.  
By very simply dis-assembly and assembly with screw driver and alan key, user can uninstall regular door handle on rosette and install this smart lock within around 3 minutes only.

# Installation

## 1. Reminder:

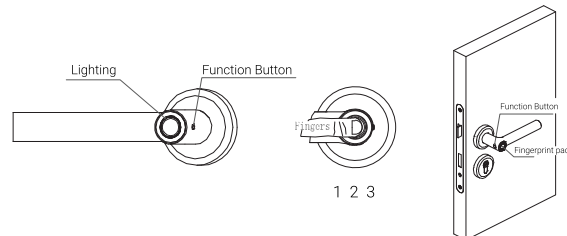
Note: This fingerprint lock only uses fingerprint as an electronic key, without Bluetooth, password or mobile phone remote control function, but customers can still use the original lock cylinder and mechanical key to achieve double security lock function.

Note: When the fingerprint lock is powered on for the first time by 2pc of AA LR6 alkaline battery, it will emit four continuous beep, beep, beep, beep, and then the halo of the fingerprint sensor will go off and enter the sleep mode, waiting for the administrator fingerprint to be set.

## 2. Instructions:

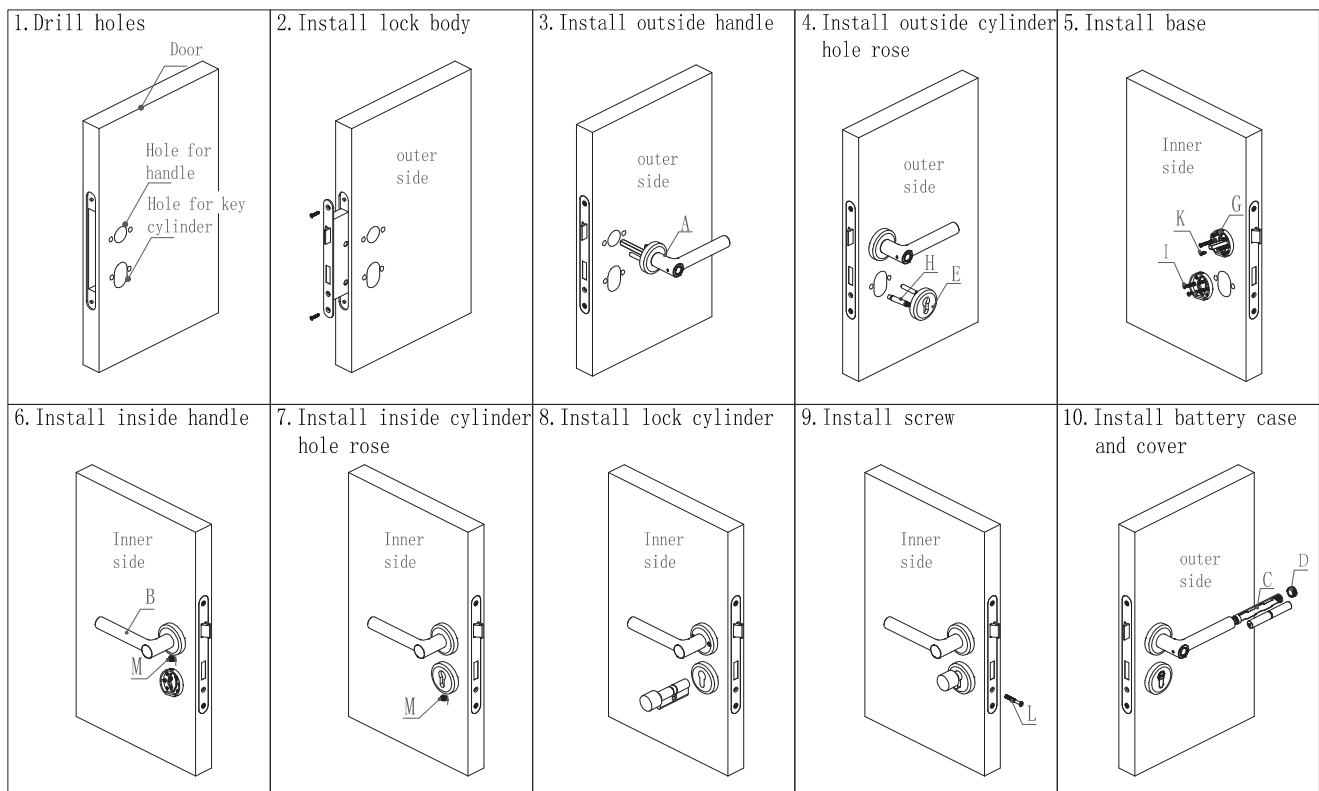
- 2 administrator fingerprints, 98 ordinary user fingerprints, a total of 100 fingerprints can be stored.
- Add the administrator fingerprint (blue halo) first, and then add the normal user fingerprint (green halo)
- You will see blue halo when unlocking with administrative fingerprint.
- You will see green halo when unlocking with user fingerprint.
- When no fingerprint is added, all fingerprints can turn on the lock and it is green halo.
- All input fingerprints need to be operated continuously when the halo light is not off.

- The function button (as shown in the figure below) are used to input and delete fingerprints.



## 3. Administrator fingerprint entry:

- When the fingerprints record is empty, first press and hold the function button for about 2-3 seconds, when the red halo flashing and continues short beep-beep sound, please release the button immediately. Then, the flashing red halo will jump to blue halo, meantime, you will hear 2 ding-ding sound, which means it is in registering mode.
- Press administrator finger on the fingerprint pad three consecutive times, each succeed record will be with a ding sound, the last ding sound is a long sound, which indicate that the first administrator fingerprint has been added.
- After the first registration of administrative fingerprint, you can continue register for the second administrative fingerprint OR you can wait until the lock goes into sleep mode to finalize the registration process.



## Installation

- If you choose continue input the second administrator fingerprint immediately, please record the second when the blue halo light is still on. After that, the blue halo will turn red and automatically sleep after the same long ding sound, which means two the administrator fingerprints have been entered. Since then, it is no longer possible to add more administrator fingerprints.

- Attention: if the lock gives you red halo with short beeping sound when inputting any fingerprint, it means the registration was not successful, please retry the process.

### 4. Ordinary user fingerprint entry:

- Press and hold the function button for about 2-3 seconds, when the red halo flashing with continues short beeping sound, release the button immediately, then, the red flash will jumps to blue halo with 4 ding sounds.

- The administrator needs to enter his fingerprint firstly.

- After the administrator's fingerprint is verified, the blue halo turns into a green halo, and you can start to enter the fingerprints of ordinary users. If you see a red halo, it means administrative fingerprint was not verified.

- After entering the same ordinary user's fingerprint three times, you hear a long ding sound, which means this ordinary user fingerprint has been added. Similarly, when the halo is not off, new ordinary user fingerprints can be added continuously until the deposit is full of 100.

- Attention: if the lock gives you red halo with a short beep

sound, it means the registration was not successful, please repeat the process.

### 5. Delete all fingerprints:

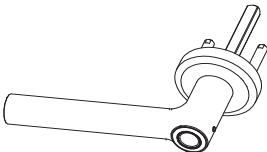
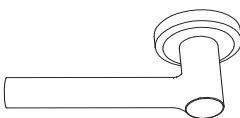


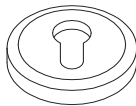
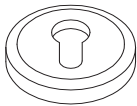
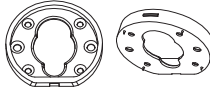
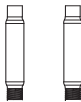





- Press and hold the function button for about more than 5 seconds and wait for the continuous red halo flashing change to blue halo, accompanied by 4 short ding sounds, then release the function button

- Input the administrator's fingerprint, see the blue halo changes to red halo with a Do-Re-Me sound, which means that all fingerprint records have been cleared, including the administrator's fingerprint records, and the factory mode had been reset.

### 6. Temporarily disable the fingerprint function.

- Setup the normal door handle function (open model): hold any registered fingerprint on the sensor pad, when the halo light is on (user is green, administrator is blue) with 3 ding sound, continues hold the finger for more than 3 seconds, after hear ME-RE-DO sound, the open model had been setup, the halo also shut down automatically. At this time, the fingerprint function is temporarily disable.

- Stop the open model. Repeat the above same proceed, the open model will change to be locking model.

<b>A</b> Outer handle subassembly (1) 	<b>B</b> Inner handle subassembly (1) 	<b>C</b> Battery case(1) 	<b>D</b> Battery cover(1) 
<b>E</b> Outside cylinder hole rose(1) 	<b>F</b> Inside cylinder hole rose(1) 	<b>G</b> Base (2) 	<b>H</b> Screw Nut 
<b>I</b> Screw Bolt With "+" Head 	<b>J</b> Allan Key (1) 	<b>K</b> Screw With "+" Head 	<b>L</b> Screw bolt for lock 
			<b>M</b> Grab screw (2) 



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