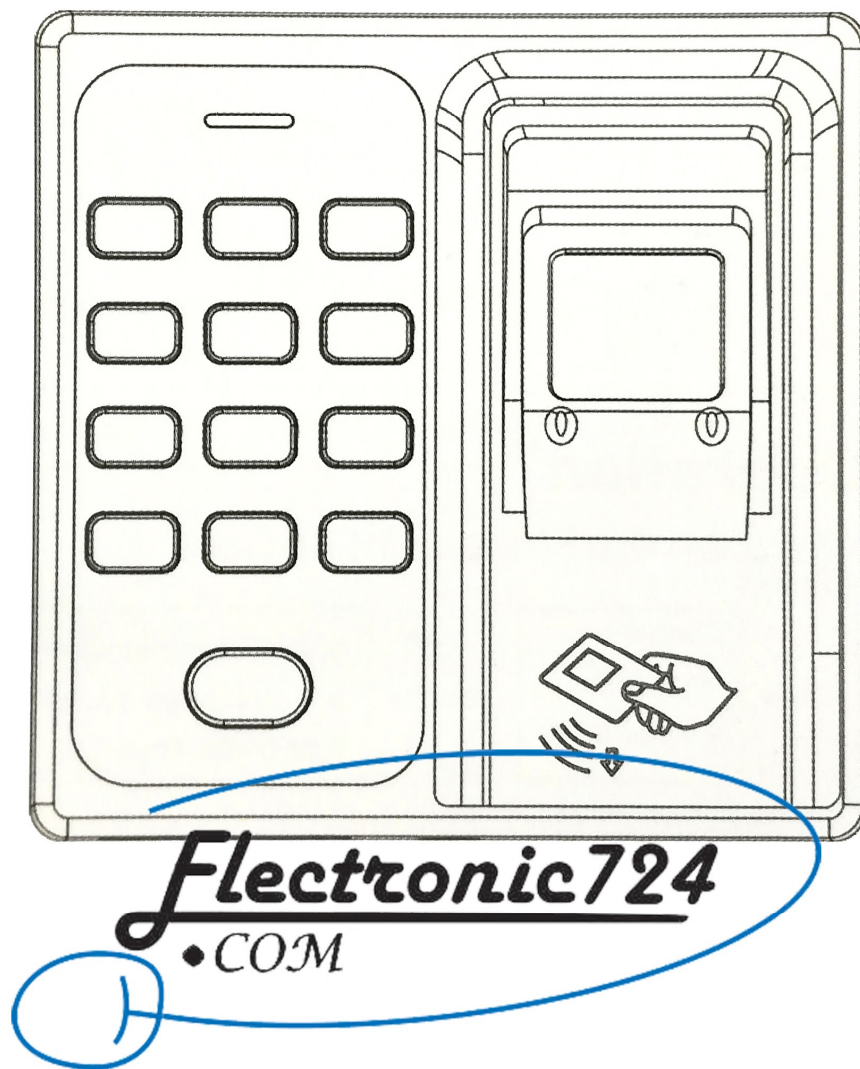


Fingerprint Access Control System

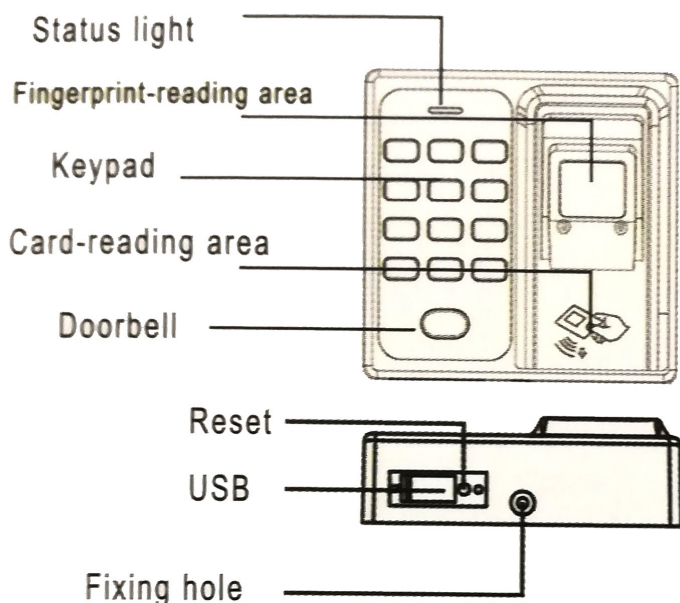
User Manual



➤ Due to continuous update of our products

I.Product Overview and Installation Instruction

Applicable Models



| S.N. | Functions |
|------|--|
| 1 | Dark-background fingerprint reader |
| 2 | Built-in card reader |
| 3 | User verification with fingerprint or card |
| 4 | Numeric keys |
| 5 | Tamper alarm |
| 6 | Reading head for data output |
| 7 | 86mm box-type panel for installation |

Operating Environment:

Room temperature: -20°C - $+50^{\circ}\text{C}$

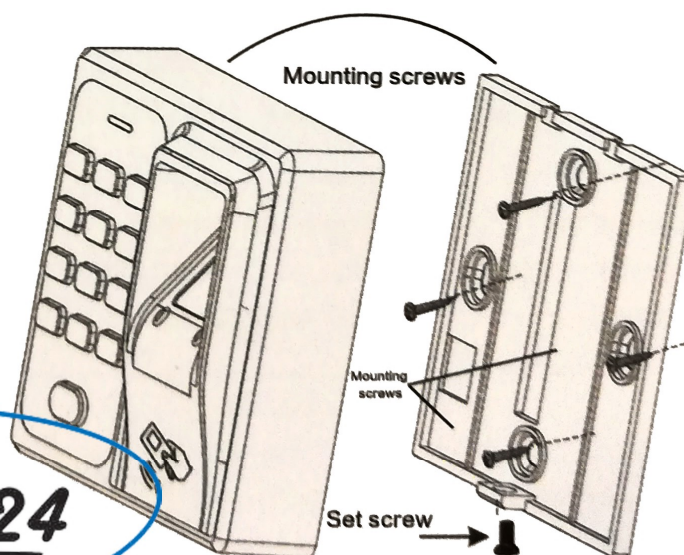
Relative humidity: 95%

Operating Voltage & Current:

Input DC: $+12\text{V}$

Standby current: $\leq 60\text{mA}$

Operating current: $\leq 120\text{mA}$

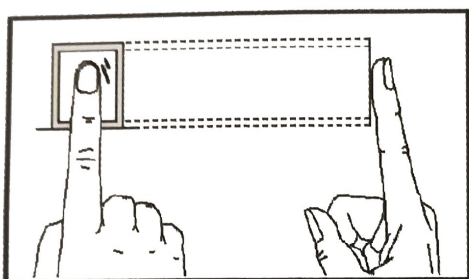


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II. Inputting Fingerprint

Suggested finger: index finger, middle :
ring finger instead of thumb or little finger

1) Correct method :

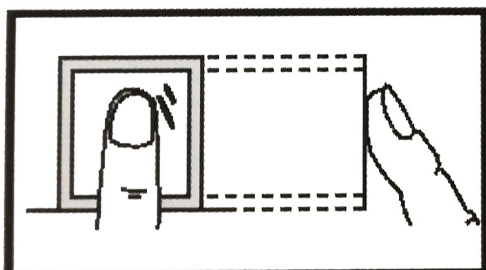


Use the finger to evenly
press the center of
fingerprint are

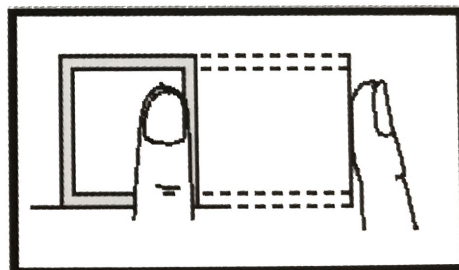
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2) Wrong methods:

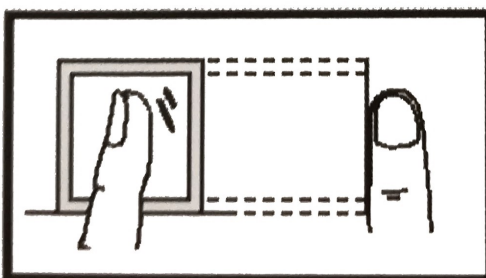
Not Flat



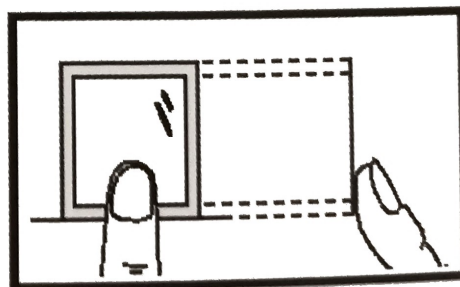
Not lentered



Tilted

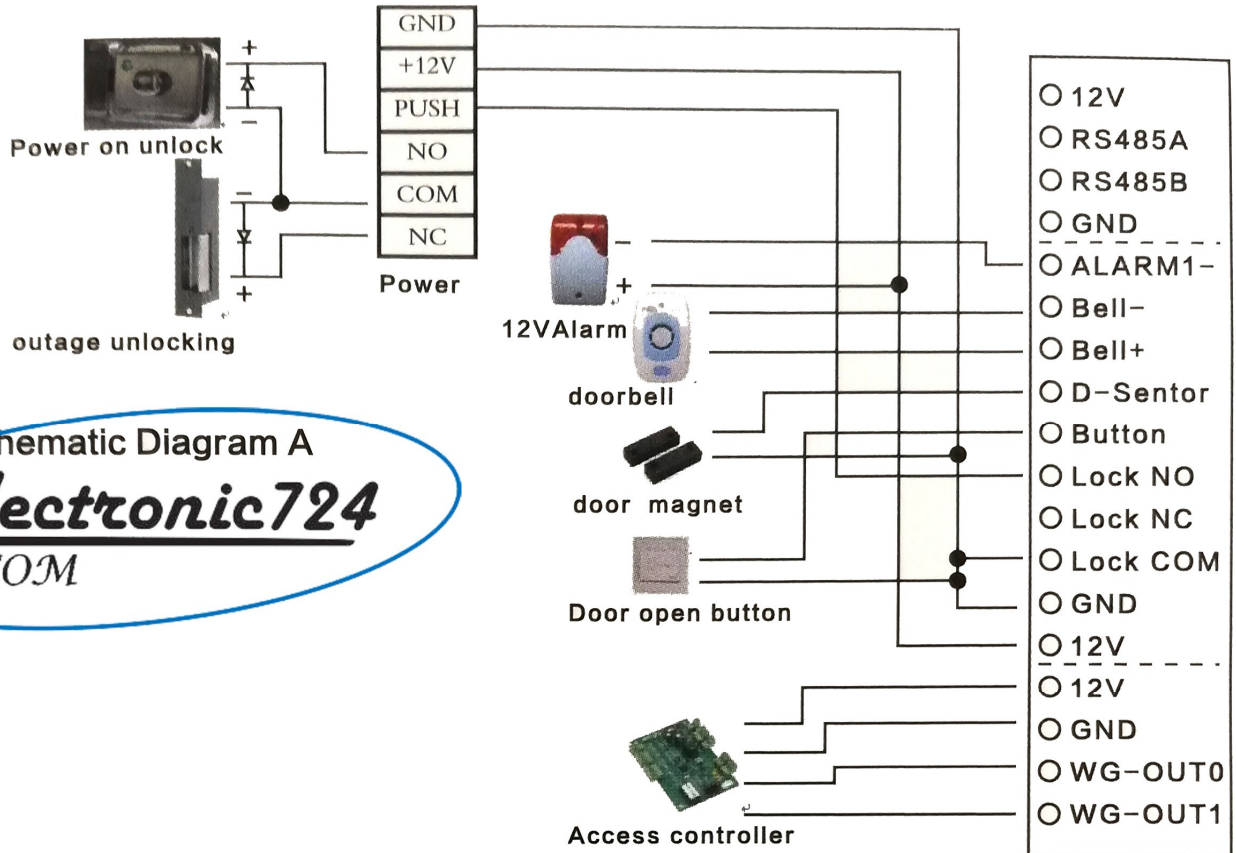


Low position



Please input fingerprint correctly for
verification, and improper operation might
result in poor performance of this device

III. Ports & Wiring Diagram

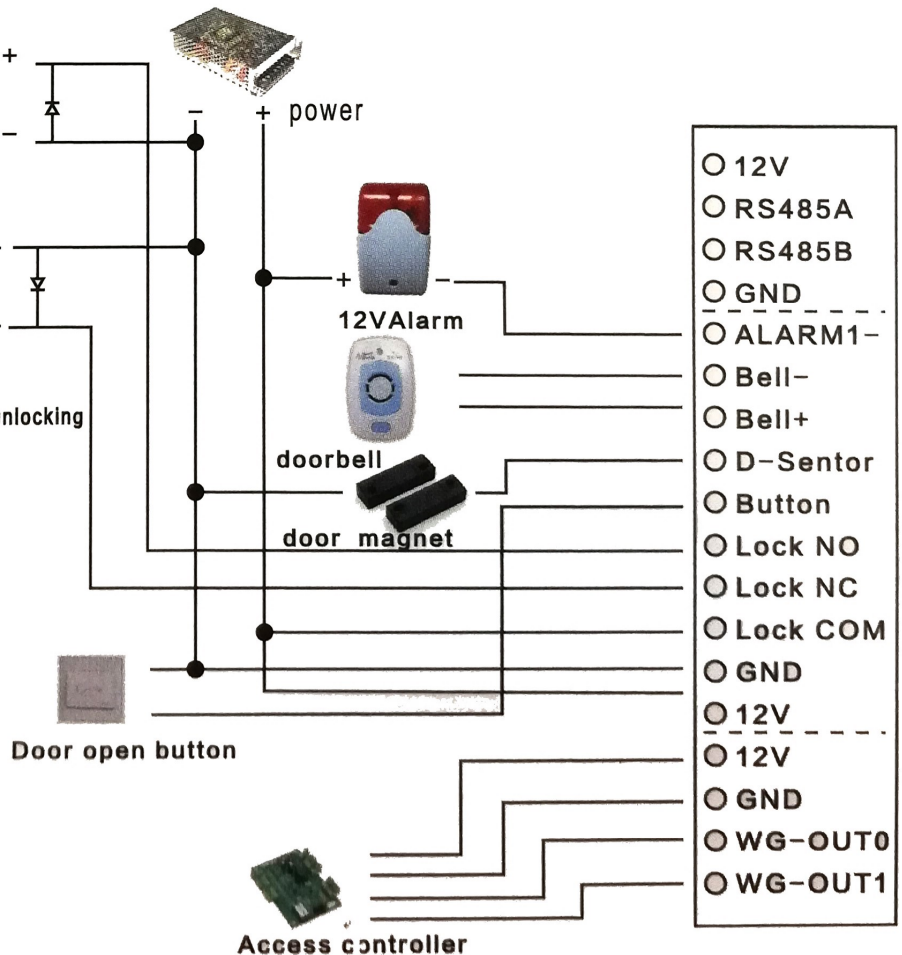


Wiring Schematic Diagram A

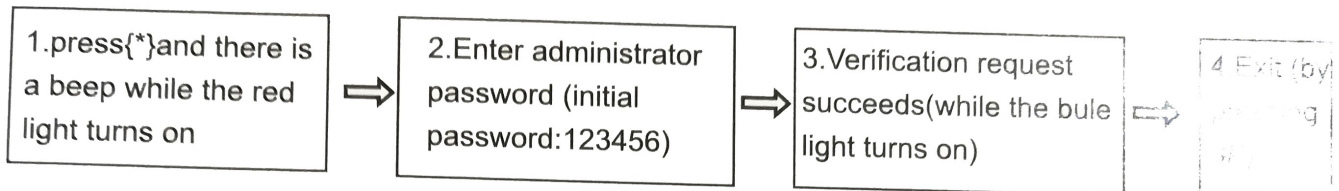
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Wiring Schematic Diagram B

Diagram A instructions is electricity lock, using a special power supply access of the connection mode; Diagram B instructions is electricity lock and fingerprint access to share a power supply.
Special attention : to protect the power supply, locks needed to mount a diode in the positive and negative ends, the diode marked on one end white electric lock positive.

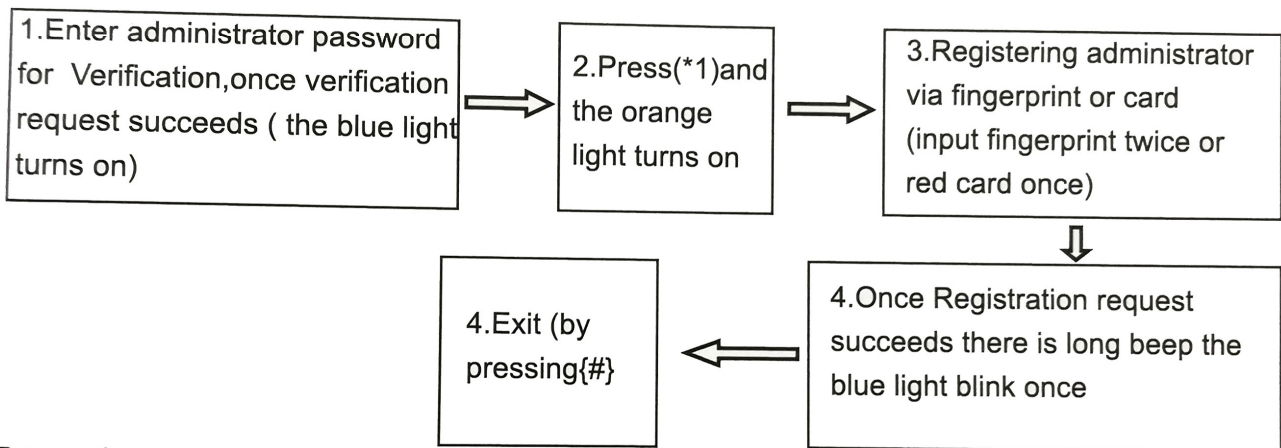


IV 、 Administrator Operation



Remarks: once verification request succeeds, it is allowed to register administrator and the initial password will be out of use

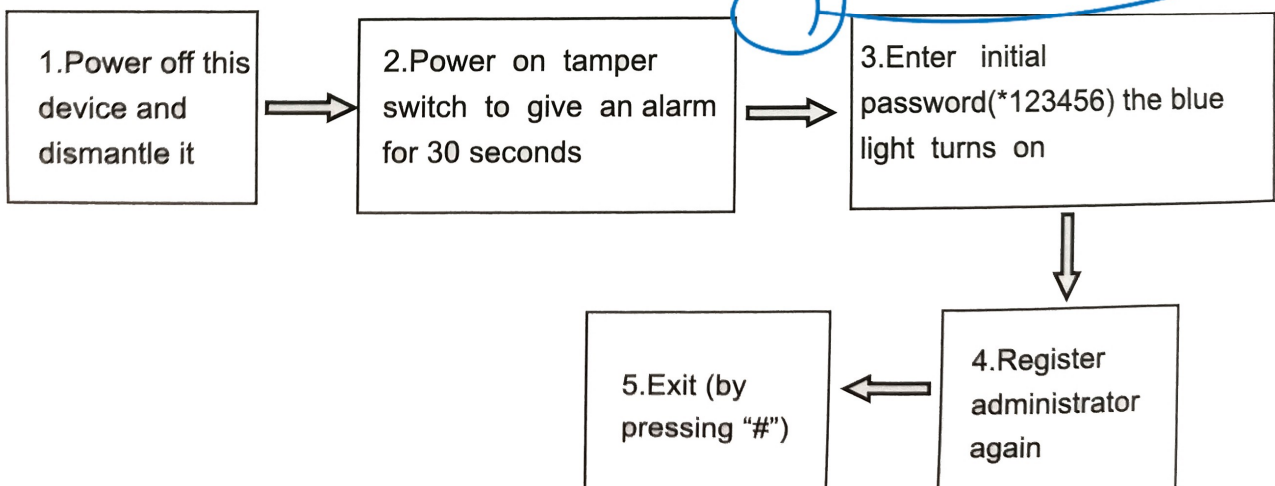
4.1 Registering administrator



Remarks:

- 1.It is allowed to register at most 5 administrators via fingerprint or card
- 2.In case administrator quantity reaches the maximum value, they will be cleared according to serial number.

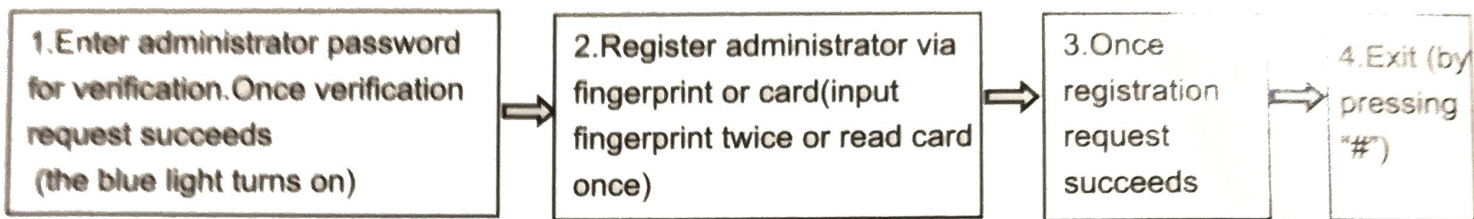
4.2 Missing administrator password



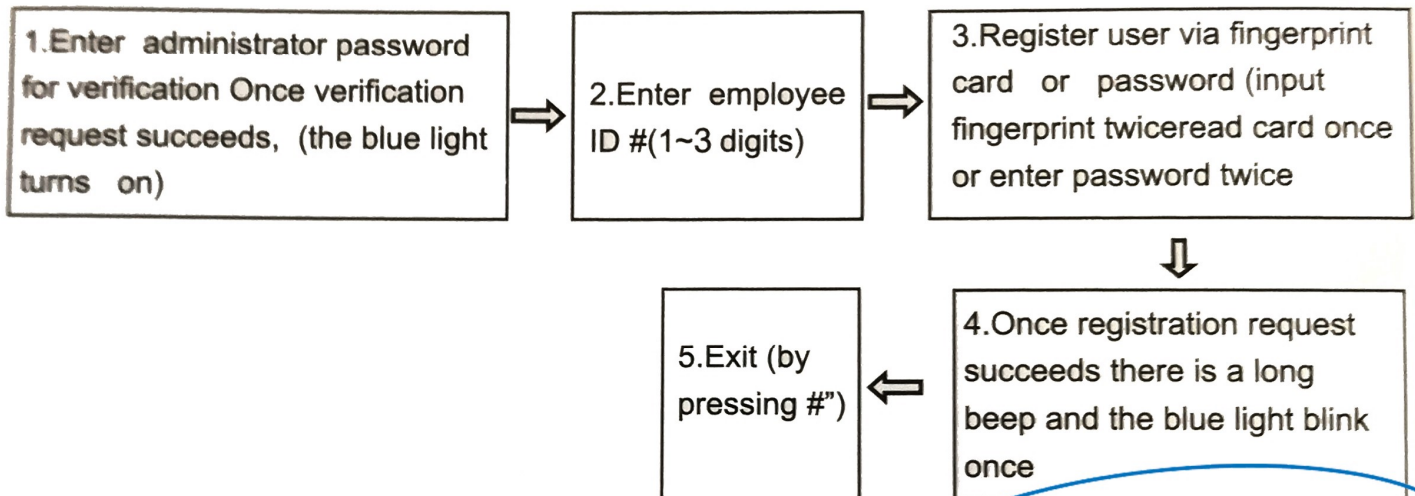
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V. Registering User

5.1 Register Users Automatically



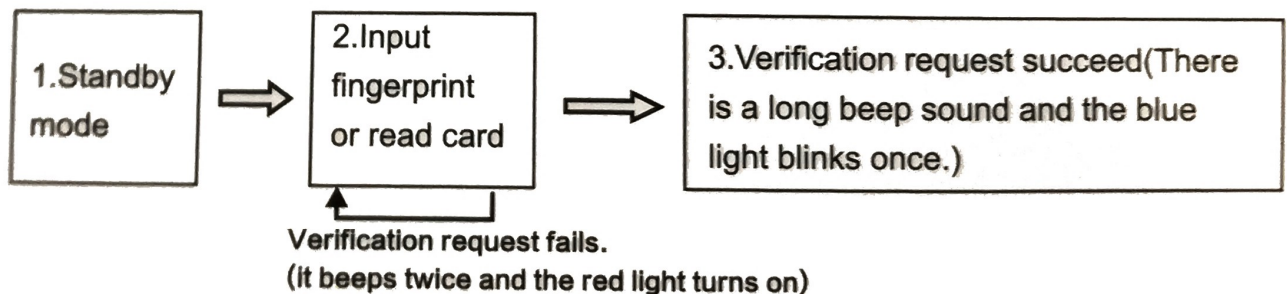
5.2 Register Users by Adding Employee ID



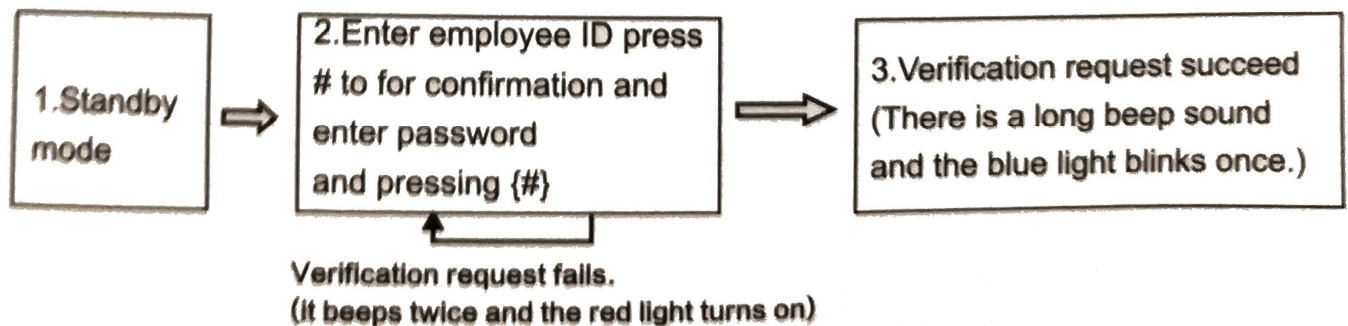
VI. User Operation

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6.1 User Verification via Fingerprint or Card

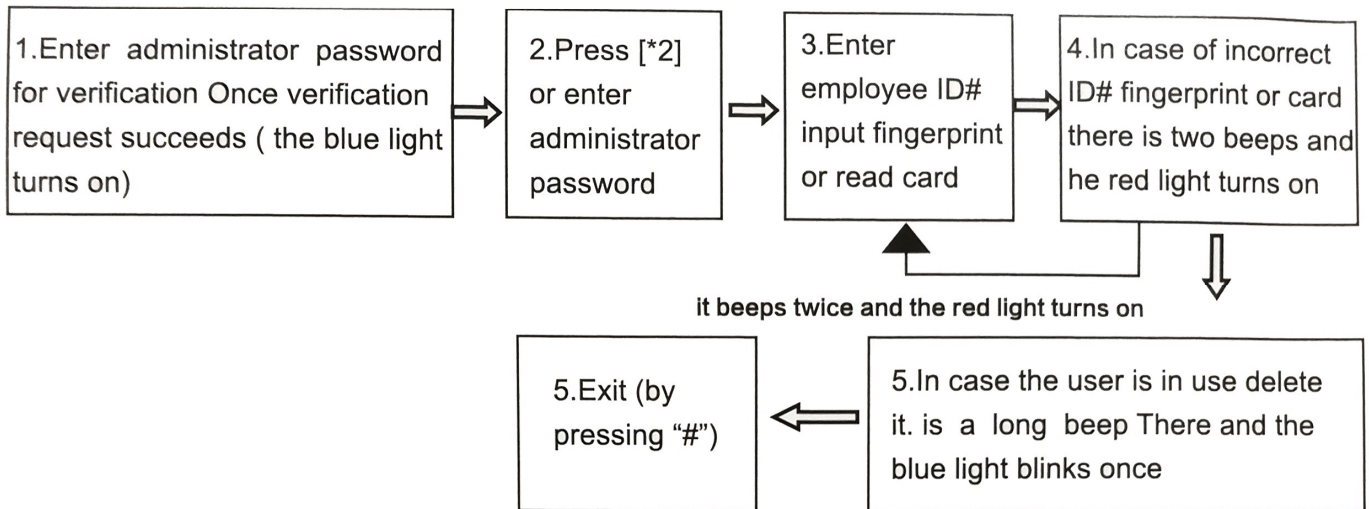


6.2 User Verification via Password

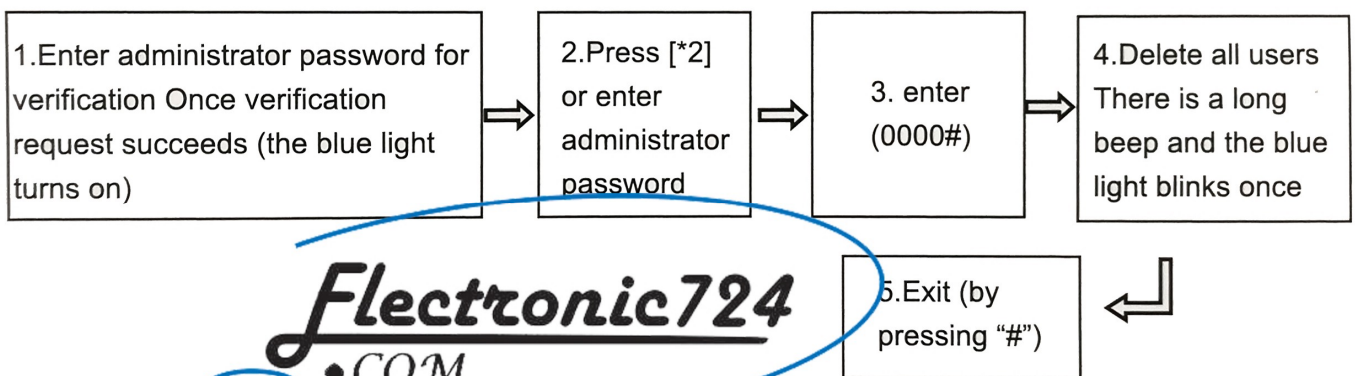


VII. Deleting Users

7.1 Delete a User



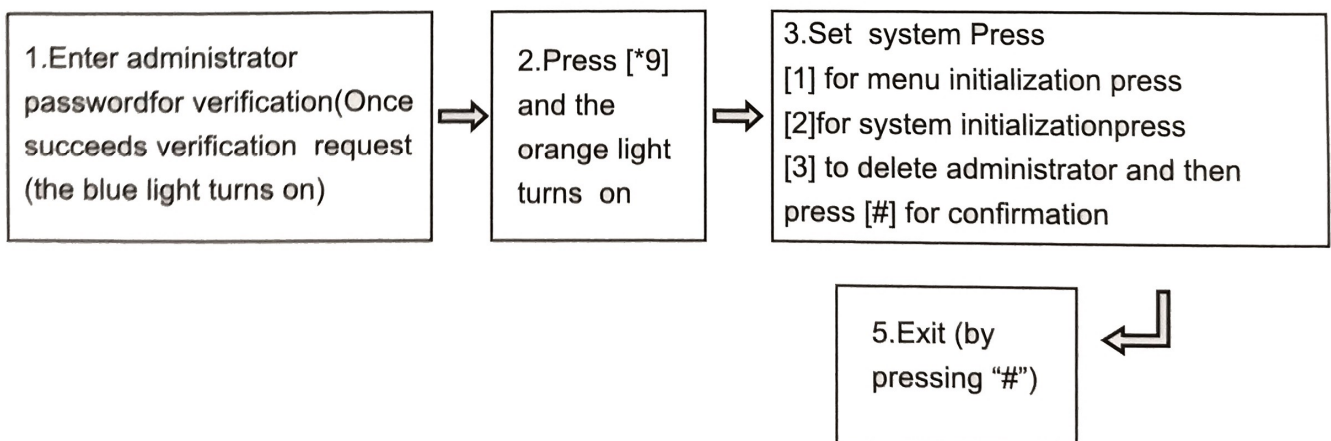
7.2 Delete All Users



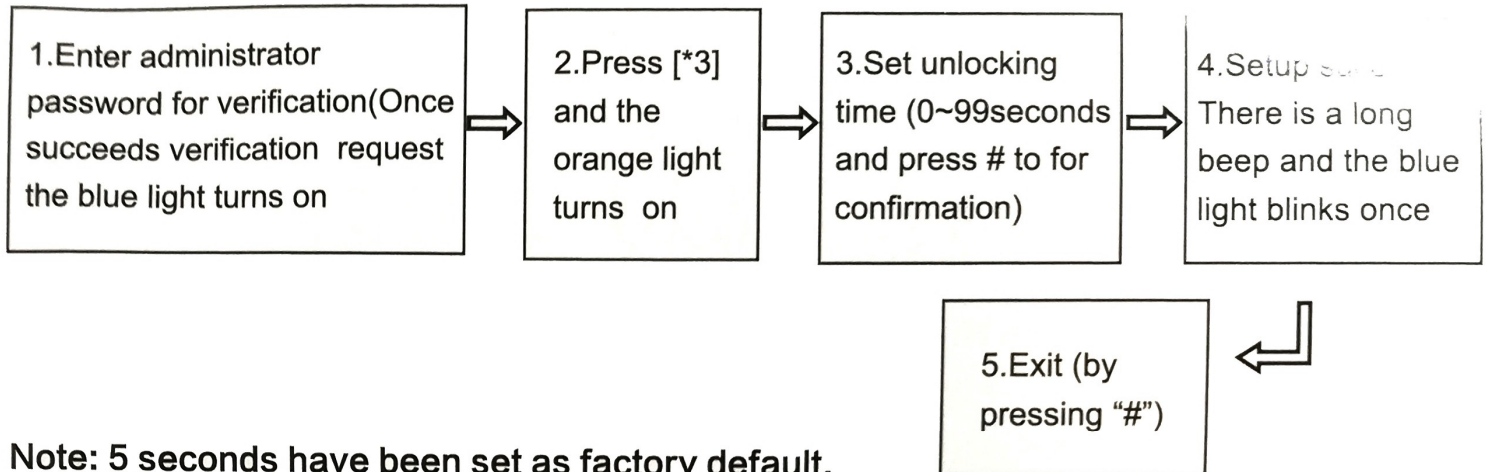
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VIII: Access Control System Management

8.1 System Settings



8.2 Setting Unlocking Time



IX: Unpacking

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| Description | Specifications | Quantity | Remarks |
|---------------------|----------------|----------|-------------------------|
| Device | | 1 | |
| Packaging box | | 1 | |
| Plastic plugs | 4mmx28mm | 4 | For mounting and fixing |
| Self-tapping screws | 4mmx28mm | 4 | For mounting and fixing |
| Diode | 1n4007 | 2 | |