QR Lock Access

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PREPARE BY: SEONG FATT

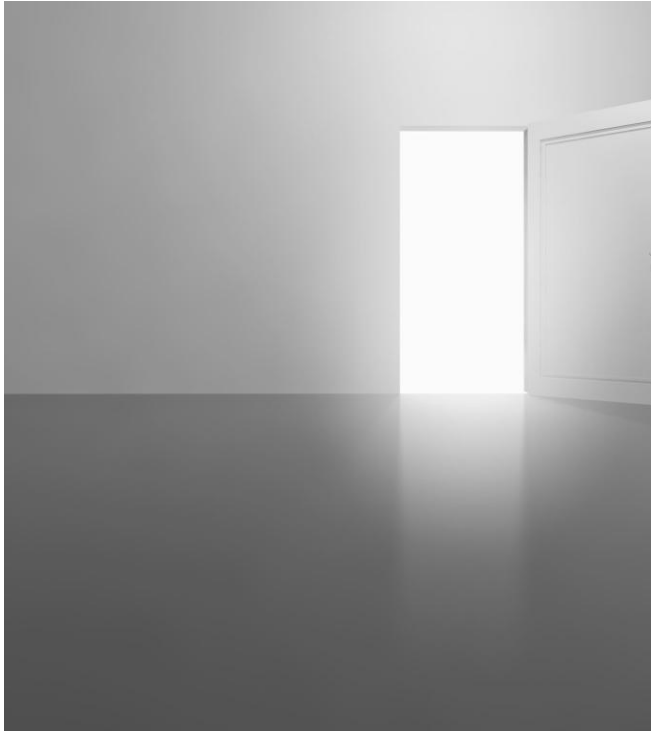# Introduction

 Name: TANG SEONG FATT

Background: Experienced in Engineering with additional expertise in managing a small-scale e-commerce business.
Experience: Skilled in technical support and after-sales service, service contract management, customer service, and website development.
Interests: Passionate about wholesale trading and delivering innovative technical solutions.

QR Lock Access

Secure Access Made Simple
- No more lost or stolen keys — replace traditional keys with smarter solutions.
- Employees and authorized users can unlock doors using **codes, mobile phones, or fingerprints**.
- Improves **security**, reduces risks, and makes access **easy to manage**.

Application in lock systems

Security

Convenience

Efficient management / admin

ONLINE/OFFLINE function

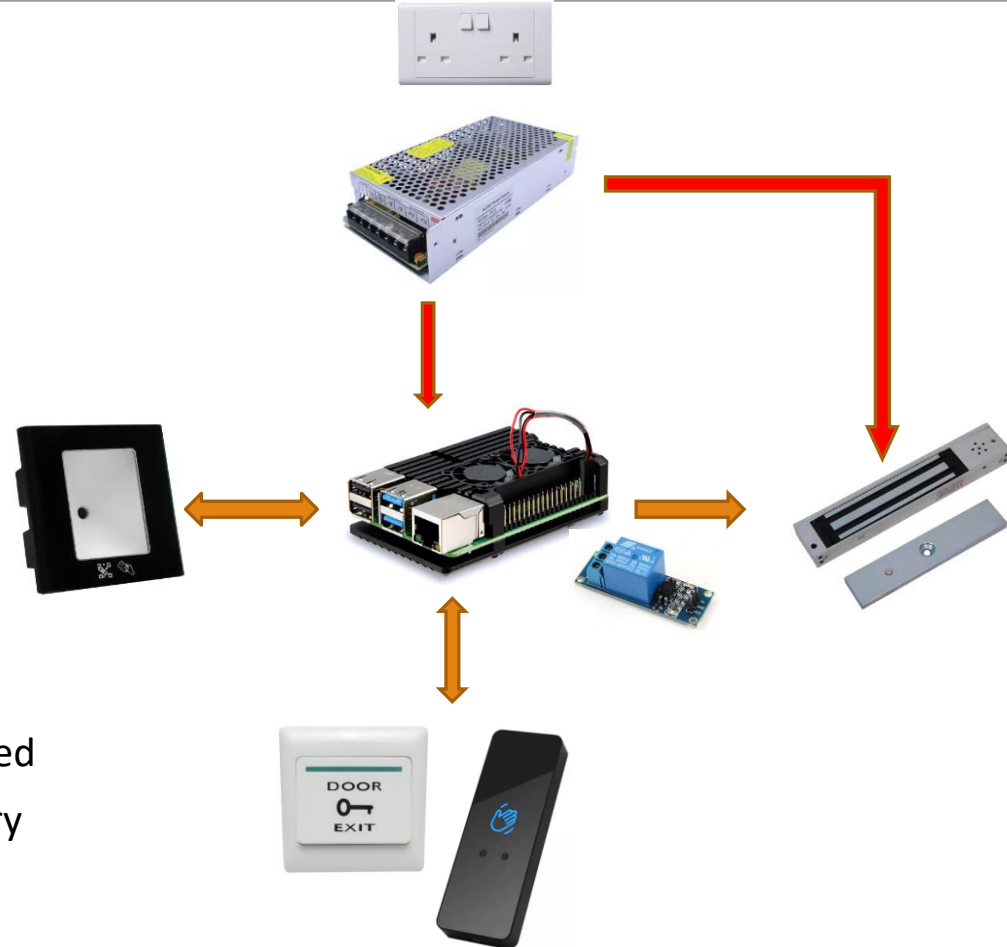Contactless entry

Easy access

Improved user experience

Target Solution

- Create interest in the product
- Help people understand how it can be set up and used
- Show how it works in different commercial settings

System – 1 (Device Reference)

1. 5-12Vdc PSU
2. RaspberryPi 4B
3. Circuit protector (5Vdc/12Vdc Relay)
4. Electronics Magnetic lock (12Vdc)
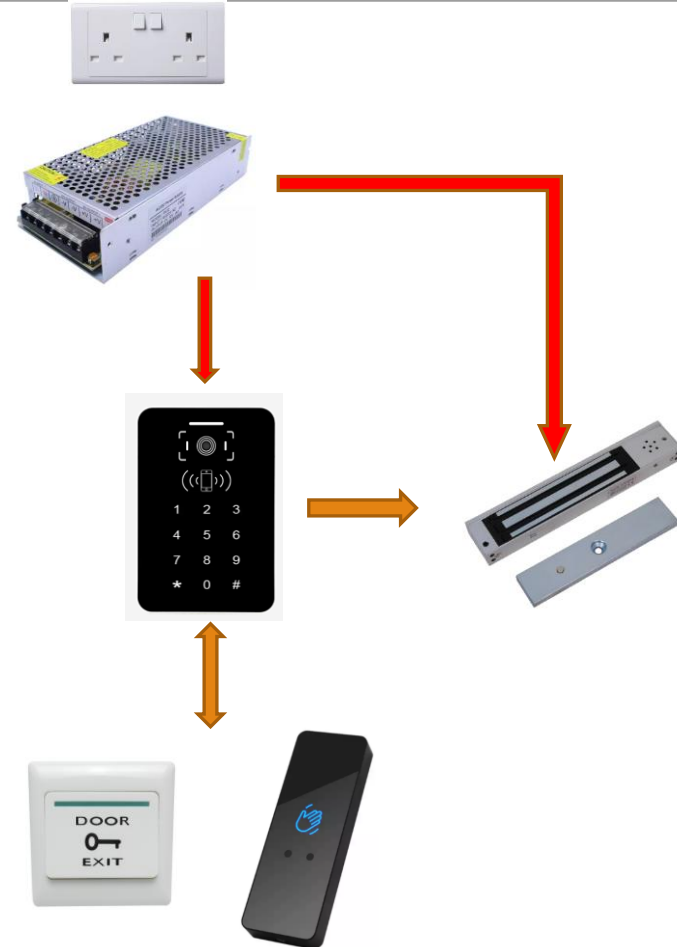5. QR scanner
6. Door button (MS / WS)

(UPS or Backup battery / Door close arm) - Excluded

Picture for illustration only actual product may vary
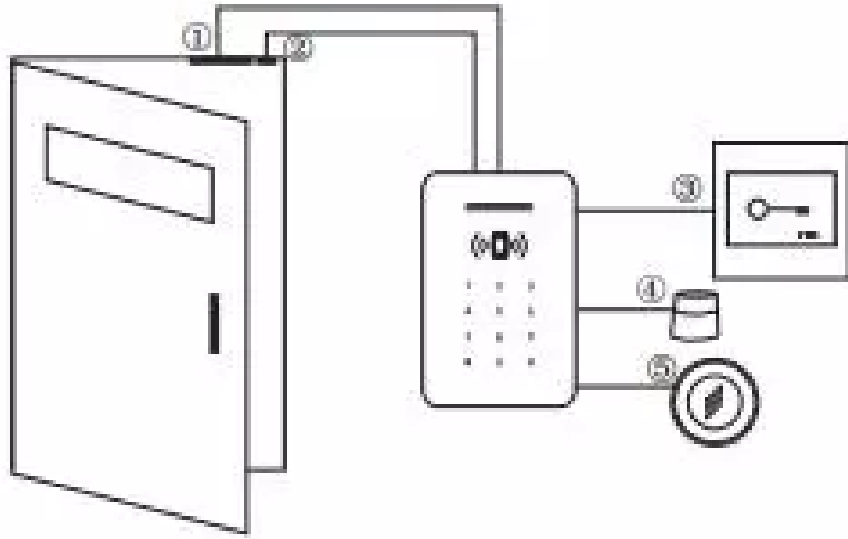
(Base on design and requirement)

System – 2 (Device Reference)

1. 5-12Vdc PSU
2. QR access unit
3. Electronics Magnetic lock (12Vdc)
4. Door button (MS / WS)
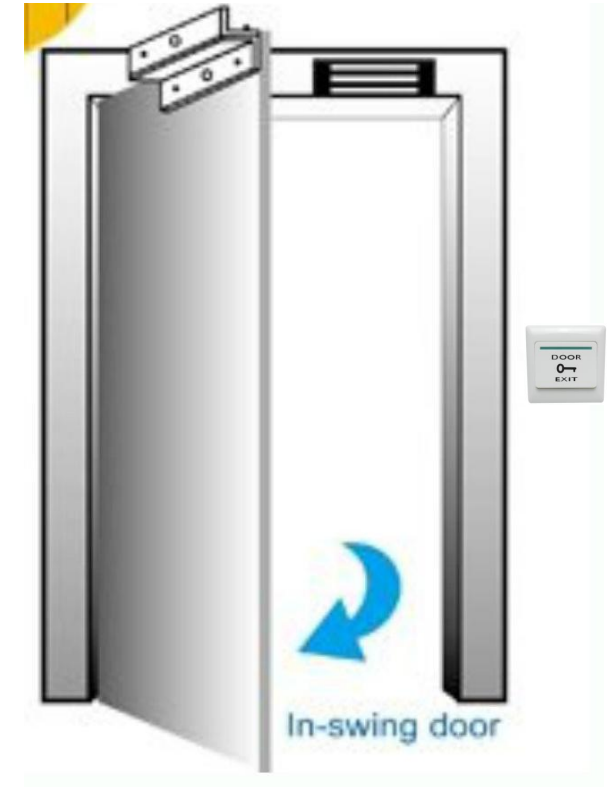5. Server from China TBC. Apps available control access

(UPS or Backup battery / Door close arm) - Excluded

Picture for illustration only actual product may vary

(Base on design and requirement)

Setup Door access reference only

Front

Back

Summarize

Businesses can boost security and efficiency by adopting keyless access solutions:

- **Smart locks, biometric systems, and keypad entry**

- **Reduce risks** from lost or stolen keys

- **Streamline employee access** via QR codes and cloud-based management

- **Integrate with existing security measures** for overall safety

- **Maintain audit trails** to improve operational efficiency