# R7F-H Fingerprint Rim Lock

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Fingerprint Recognition | Decoy Password Feature | Anti-Pulse Attack | Local alarm | Guest function
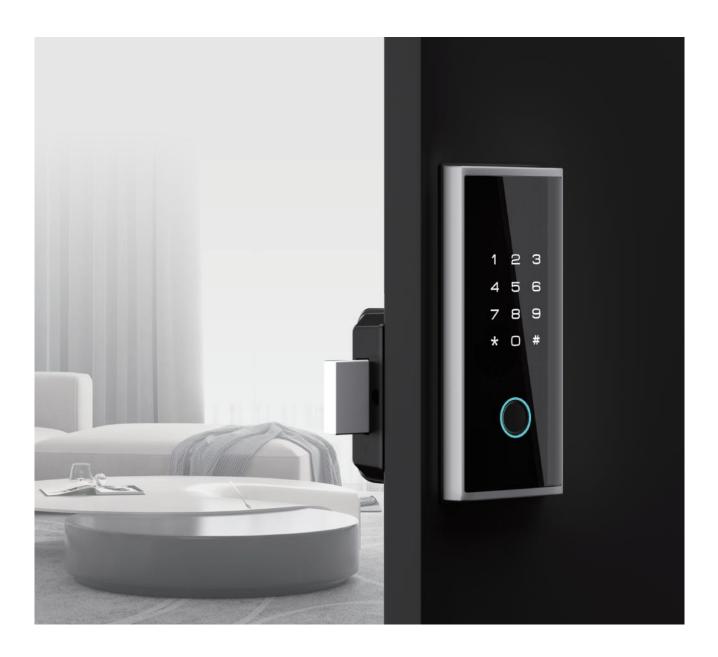
# Product Overview

The R7F-H Rim Lock features a handleless, automatic switch design. Equipped with fingerprint recognition, touchscreen password entry, dual verification mode, and Bluetooth connectivity, it supports app-based local management—ideal for smart homes and modern offices prioritizing enhanced security and convenience.



# Key Features

### Fingerprint Recognition

Combines semiconductor technology with AI to learn and recognize unique fingerprint features, adapting to variations for accurate unlocking.



Rapid Identification

comnect.

## Decoy Password Feature

Allows random digits before or after the real password to prevent prying, enhancing password security.



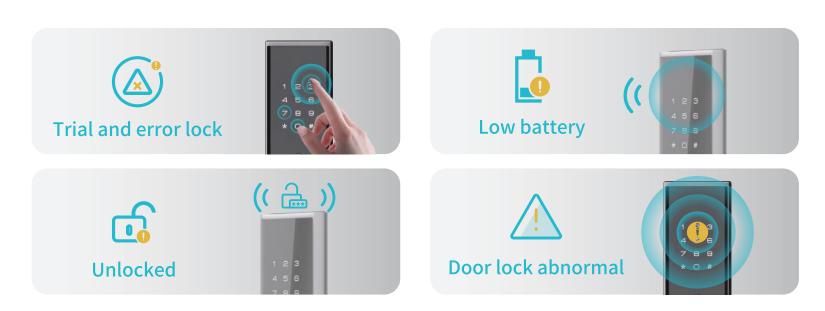Virtual password

****** **666666** ******

Real password

## Anti-Pulse Attack

Utilizes electromagnetic shielding and detection technologies to resist strong electromagnetic interference, ensuring stable operation.



## Local alarm

Locks the device and triggers an alarm after multiple failed attempts, preventing brute-force attacks and enhancing security.



Trial and error lock

Low battery

Unlocked

Door lock abnormal

## Guest function

One-time password, randomly generated key, used once invalid; Periodic password, be used within a specified period of a fixed period.



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# Technical Specifications

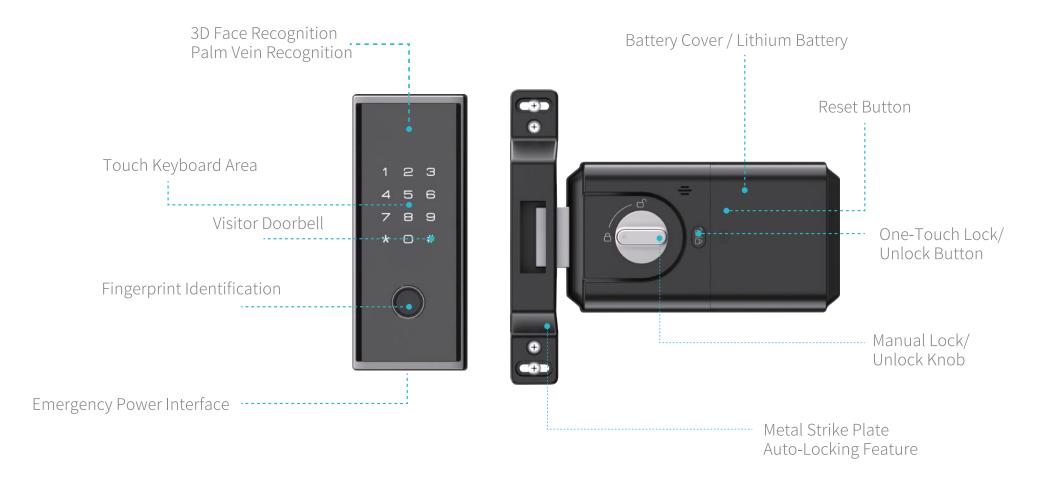| | |
|---|---|
| Unlocking Modes | Fingerprint/PIN code/Remote control/BLE APP Unlock/ NFC Optional(Support Dual Verification ) |
| Fingerprint Capacity | 50 groups |
| PIN Code Capacity | 100 groups |
| Wireless Standards | Bluetooth |
| Power Supply | 5*AA batteries 7.5V |
| Battery Life | AA battery：12 months (unlocking 10 times a day) |
| Emergency Power | Type-C port for emergency charging |
| Material | Aluminum alloy |
| Working Temperature | -20°C~55°C |
| Door Category | Wood, Composite, metal, Anti-Burglary Door |
| Door Thickness | 30mm–60mm |
| Product Size | Front panel: 162.4*67.4*17.6mm Rear panel: 162.4*89.4*49mm |

## App Features

- **Basic Setup:** Volume/language/PIN Code/On-Off
- **User Management:** Assign roles (Admin, Regular, Guest)
- **Activity Logs:** View unlocking/locking history with timestamps
- **Custom Schedules:** Set access times for specific users

# Package Contents

- 1 x Smart Lock Front Panel
- 1 x Rear Panel
- 1 x Lock Body (Size as per model)
- 1 x Installation Toolkit

3D Face Recognition
Palm Vein Recognition

Battery Cover / Lithium Battery

Reset Button

Touch Keyboard Area

Visitor Doorbell

One-Touch Lock/ Unlock Button

Fingerprint Identification

Manual Lock/ Unlock Knob

Emergency Power Interface

Metal Strike Plate
Auto-Locking Feature

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