

Smart door lock with face ID



Password

Face

IC CARD

Fingerprint

MECHANICAL KEY

APP

Palm vein

2.4G WIFI

Relative humidity
10% ~ 90%

-20°C~75°C

Item Code	Power	Low Power Alarm	Emergency Supply	Keypad	Keyboard Backlight	Color
HU-SDL04	DC7.4V 8400mAh	<6.9V	5V (TYPEC USB)	Capacitive touch 13 keys (0-9,* #, lock door key)	Blue Light	Black/ Bronze

User Capacity	Face&Palm Capacity	Card Type	Card Reading Distance	Human body Sensing	Human Body Detection Distance
300	50	Mifare/NFC	0-40mm	Radar Detection	Adjustable from 0.8 meters to 1.5 meters

Facial Recognition Range	Front Display	Fingerprint Type
Vertical installation angle ≤ 15° (for heights 1.2m - 2.0m)	4.5 inch large screen	Semiconductor Fingerprint Module

Dimensions in mm

57mm 77mm 450mm



Compatible Door Types: Wood Door, Security Door, Copper Door, etc.

Contactless Palm Vein Recognition

Using infrared scanning to capture deep vein patterns from the palm, enabling door access with just a wave of the hand.



Palm Vein Recognition Distance: 0.15-0.35m

Recognition Speed: < 0.1s



Finger Vein Recognition -Unlock instantly



High Security: Internal Distribution: Blood vessels are located beneath the skin and cannot be obtained from the surface like fingerprints, providing stronger anti-theft protection.

High Accuracy: The distribution of finger arteries is unique to each individual and remains largely unchanged throughout life, resulting in an extremely low false recognition rate.

Contactless: No direct contact with the sensor is required, making it hygienic and convenient (especially suitable for public spaces or medical environments).

Product Specifications

Material: Aluminum Alloy + IMD Process

Fingerprint Sensor: Semiconductor Type

Lock Cylinder: Grade C (High-Security)

Dimensions: 450mm (H) * 77mm (W)

False Acceptance Rate (FAR): < 0.001%

False Rejection Rate (FRR): < 2%

Operating Voltage: DC 7.4V

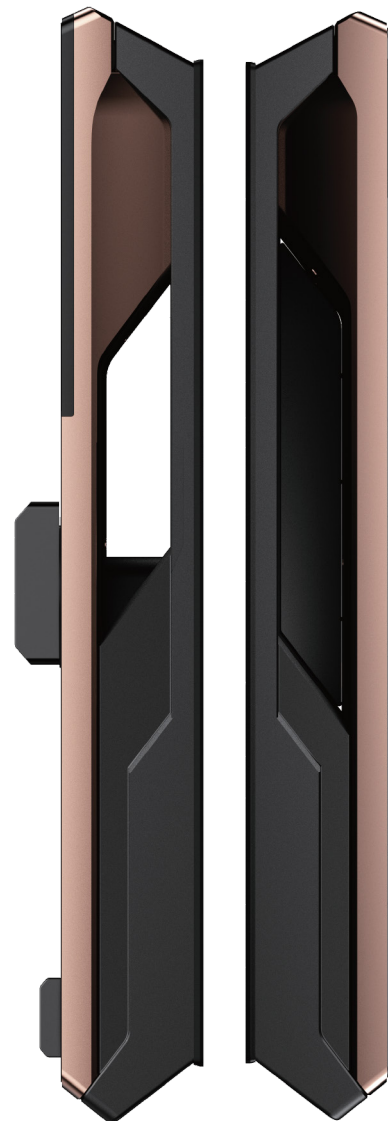
Card/Password/Fingerprint Capacity/Face: 100 each

Emergency Keys: 2 PCS

Battery Capacity: 8400mAh

Password Length: 6-12 digits

Suitable Door Thickness: 40-120mm



● Black Bronze

Incorrect Attempt Alert: Alarm triggered by multiple failed unlock attempts.

Suspicious Visitor Alert: Captures and sends visitor photos to the user's phone.

Tamper Alarm: Triggers an alert and sends a notification to the phone in case of forced tampering.

Low Battery Alert: Low battery warning notification.



Unlocking Methods:

- Face Recognition
- Fingerprint
- PIN Code
- Mechanical Key
- RFID Card
- Tag
- Temporary PIN Code
- Remote Unlock via Mobile App
- Finger Vein Recognition

● Mocha Black