

Product description

We specialize in 3D facial recognition door locks with advanced algorithms and bionic night vision. Ideal for homes, hotels, and smart projects. Supports Tuya ecosystem for home automation. Offering OEM/ODM services and wholesale solutions with low MOQ.

3D FACE RECOGNITION

[China Smart Glass Door Lock Manufacturer](#) | New 3D face recognition algorithm, bionic night-vision camera can accurately recognize the daily makeup style, or no light, strong light, backlight and other environments without intentional adjustment.

Tuya Smart SolutionEnjoy Smart Home Life | [Glass Door Smart Lock factory China](#)

Matching with devices with Bluetooth gateway function, can be used together with a variety of smart home equipment linkage, to realize home open the door that is to turn on the lights, turn on the air conditioning, leave home to close the door, start leaving home mode, turn off the smart home appliances, sweeping robots to start sweeping, and enjoy the smart home life!

A01Slim Smart Lock

IPX5 WATERPROOF RATING

Nano-scale engineering sealing treatment, effective waterproof



A01Slim Smart Lock

11 WAYS UNLOCK METHODS
SMART HOME EXPANSION





Palm Vein Unlock
Faster, more accurate, safer



3D face recognition
Non-contact, unlocked through space

11 Ways Unlock

1.Palm 2.Face 3.Fingerprint 4.Code 5.Card 6.Key 7.Gateway 8.Remote Control 9.WiFi 10.Temporary password 11.Bluetooth

Anti-pry alarm

Error alarm

Low battery

Protective box

Smart Home

TUYA

Wishome

High Temperature 60°C
protection against sun exposure

Low Temperature -30°C
protection against extreme cold

IPX5 Waterproof
Multi-layer waterproofing

4800mAh
lithium battery

A01Slim Smart Lock

CONTACTLESS PALM UNLOCKING

Adopting the palm vein unlocking method in the security screening system, it can accurately recognize the distribution map of the veins in the palm without contact.

 **66.4%**
Recognition speed

 **13Time**
Security



Palm Vein Recognition Unlocking Solution More suitable for the elderly and children with fuzzy



Can avoid
False recognition



Not take
off mask



Twins can be
accurately identified.



One second
entry



0.15~0.35m
Vein Recognition Distance

<1s
Palm Vein Recognition Speed



3D FACE RECOGNITION

New 3D face recognition algorithm, bionic night-vision camera can accurately recognize the daily makeup style, or no light, strong light, backlight and other environments without intentional adjustment.

1.3~2.0m

Height range

0.3~1.0m

Face Recognition Distance

<1.6s

Face Recognition Speed

Fingerprint Unlock

With AI chip, self-learning, high sensitivity and high recognition rate widely used in smart phones, tablets

99.99%

Fingerprint recognition rate

0.01%

rejection rate



Semiconductor Fingerprint

100 groups

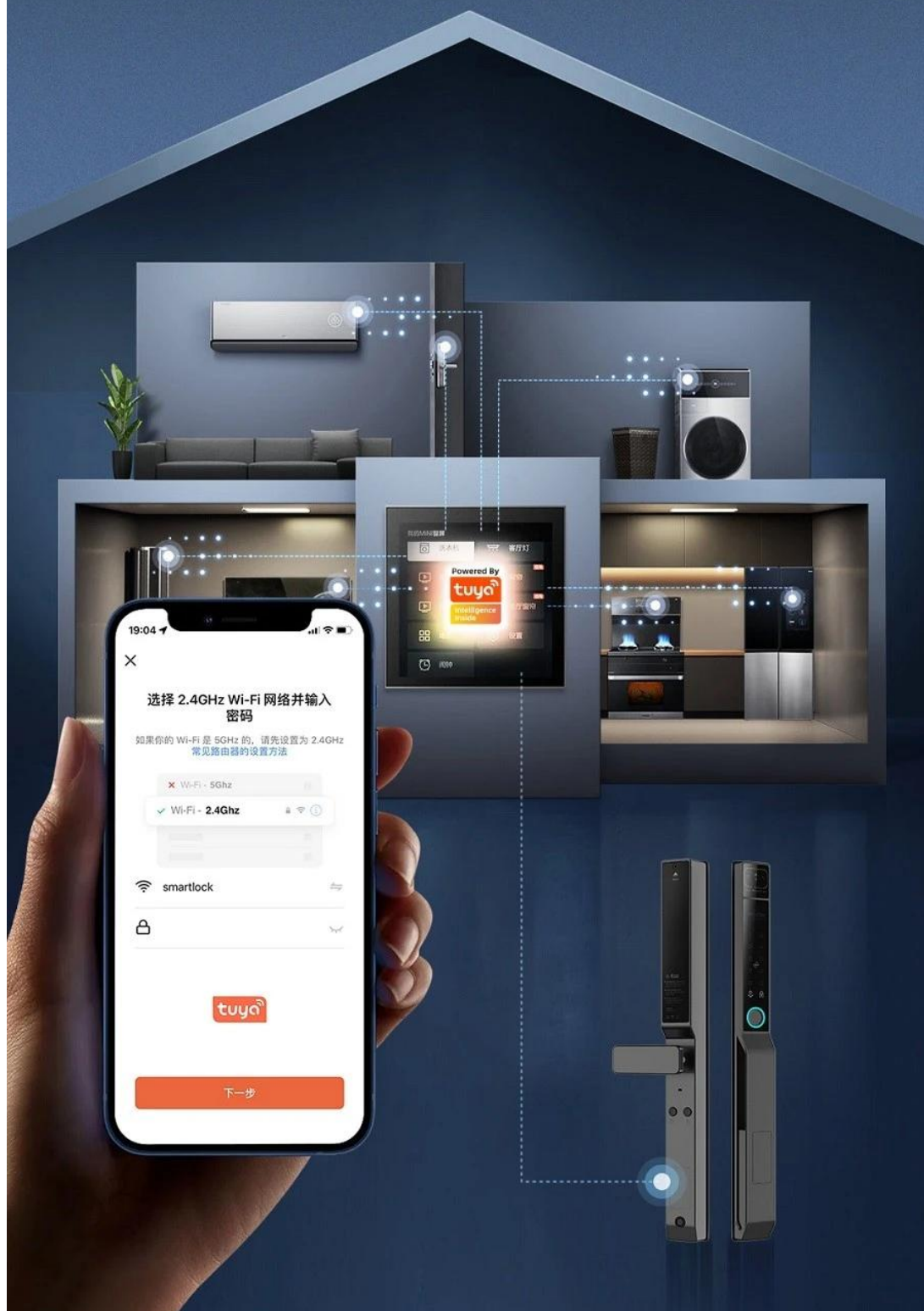
Fingerprints can be collected



A01Slim Smart Lock

Tuya Smart Solution Enjoy Smart Home Life

Matching with devices with Bluetooth gateway function, can be used together with a variety of smart home equipment linkage, to realize home open the door that is to turn on the lights, turn on the air conditioning, leave home to close the door, start leaving home mode, turn off the smart home appliances, sweeping robots to start sweeping, and enjoy the smart home life!



PRODUCT PARAMETERS



A01 Automatic aluminum door lock

Basic unlock: Fingerprint/Card/Code/Key

Optional unlock: Phone APP / Remote control / 3D Face / Palm recognition

Smart home: Tuya WiFi / Wishome

Color	Waterproof	Material	Surface process
Black/Silver	IPX5	Aluminum alloy	Baked paint spraying

Palm vein	Face	Fingerprint	Passcode
50 groups	50 groups	100 groups	199 groups

IC Card	Power supply	Emergency supply	Low battery alarm
199 groups	4800mAh battery	Type C	Yes

Trial and error alarm	Virtual code	Unlock record	Remote unlock
Yes	Yes	Yes	Option

Anti-pry alarm	Mortise material	Number of keys	Number of cards
Yes	304 SUS	Two	Two

Working temperature	Suitable profiles	Suitable for door thickness
-30~60°C	Profiles above 40	40-120mm

A01Slim Smart Lock

**Nine layers of protection,
guarding every moment of safety.**

Financial Grade

Chip encryption to eliminate copying and cloning of door opening information



Virtual code to prevent from peeking

Before/after 6 consecutive correct passwords Enter any number to open the door.



Dual verification

Fingerprint/Password/Card
Any combination of two to open



Anti-pry alarm

When the door lock is violently broken An alarm will sound immediately.



Trail and error alarm

Multiple verification failures. An alarm will sound immediately.



Protective black box

Adopts independent protection electronic program. No fear of illegal unlocking by small black box.



IPX5 Waterproof

Multi-layer waterproof craftsmanship. More durable for daily life



-30°C Product passed -30° low temperature test



60°C Product passed 60°C high temperature test



A sleek, modern smart lock with a metallic finish and a blue accent. The lock is shown in a close-up, angled view, highlighting its slim profile and the handle. The text '4800mAh' is prominently displayed in a large, blue, 3D font, emphasizing the battery capacity. The background is dark, making the lock and the text stand out.

4800mAh

A01Slim Smart Lock

EXTRA LARGE CAPACITY FOR MORE POWER AND LONGER RANGE.

Low Battery Alert

Alerts when battery level falls below 20%

Emergency Supply

When the power level is zero, you can use a battery bank to provide temporary power to turn on.

Emergency Key

Recommended for storage in office or car

DOOR FRAMES CAN BE INSTALLED EVEN IF IT'S NARROW

36mm Extremely narrow panel

99% Compatible with most doors



Opening door



Sliding door



Double-framed door



Aluminum door



Glass door



Framed door

Two optional handles



CHECK THE DOOR OPENING RECORD AT ANY TIME, AND KEEP TRACK OF THE HOME DYNAMICS AT ANY TIME

App can generate temporary passwords for family, friends and housekeeping aunts to open the door temporarily. It will expire after use, so you don't need to change the password frequently.



MULTIPLE STRINGENT SAFETY TESTS

200 Thousand times
Mechanical life test

8000N
Panel strength test

120 Hours
Salt spray test

128 Times
Mold Adjustment

-30~60°C
Operating temperature test

100 Thousand times
Open and close door test



Our Team

Factory & Workshop

More than 13 years
Digital lock since 2003,
Over 10% of the Chinese market is
taken by our factory



Certifications



Fingerrprint lock is our typical model of locks. We make full arrange of fingerprint(password) door lock, hotel type RFID card door lock, single latch lock, indoor door lock, hotel safe, home safe, gun safe cabinet, in floor safe, commercial safe etc. We also do oem and odm as per customers' requests.

Click [ODS model smart lock with fingerprint and password factory](#) to learn more about products.