

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.

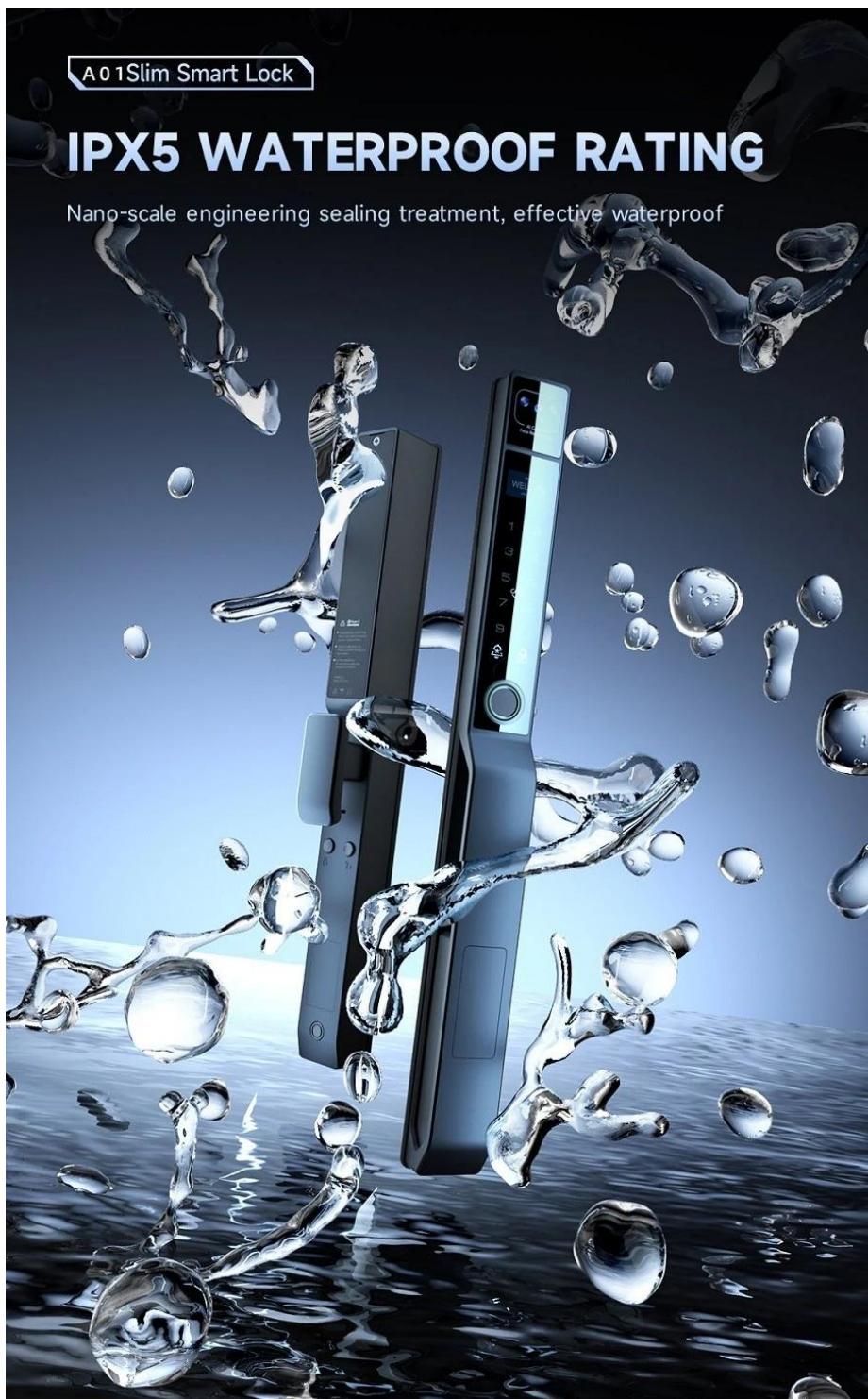
Tuya Smart Solution[**Enjoy Smart Home Life | Glass Door Smart Lock factory China**](#)

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





A01 Slim 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

↗ 13 Time
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 <1s
Vein Recognition Distance 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.



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

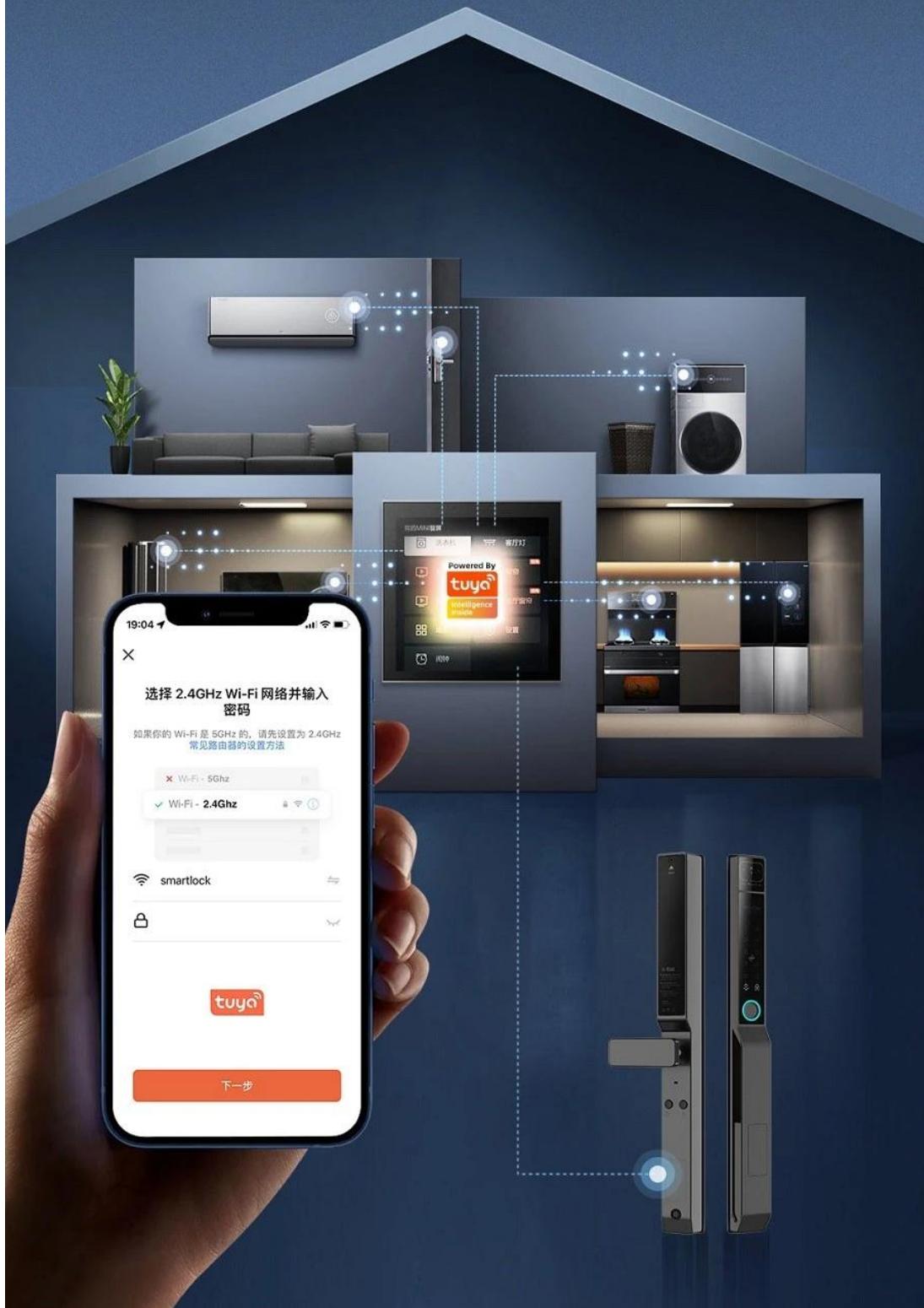
Fingerprints can be collected



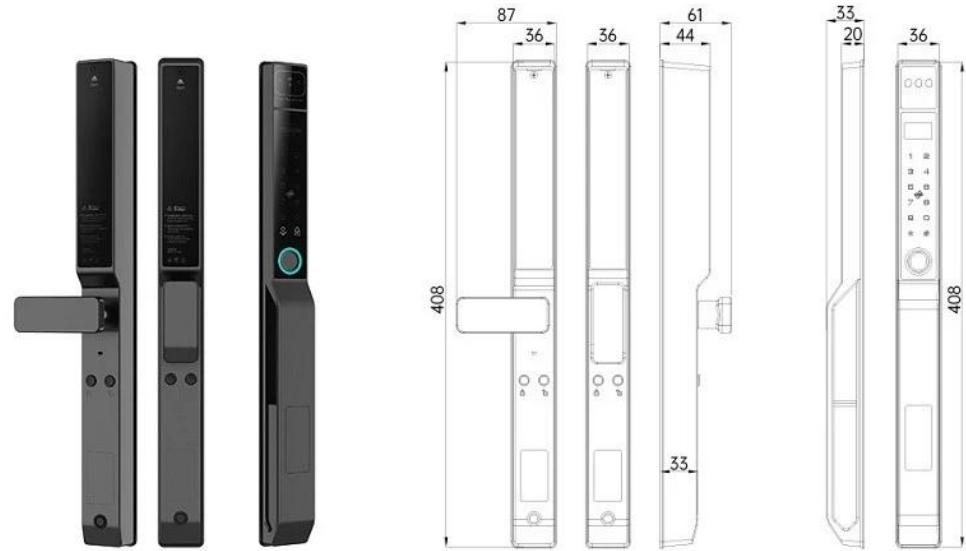
A01Slim Smart Lock

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 Black/Silver	Waterproof IPX5	Material Aluminum alloy	Surface process Baked paint spraying
Palm vein 50 groups	Face 50 groups	Fingerprint 100 groups	Passcode 199 groups
IC Card 199 groups	Power supply 4800mAh battery	Emergency supply Type C	Low battery alarm Yes
Trial and error alarm Yes	Virtual code Yes	Unlock record Yes	Remote unlock Option
Anti-pry alarm Yes	Mortise material 304 SUS	Number of keys Two	Number of cards Two
Working temperature -30~60°C	Suitable profiles Profiles above 40	Suitable for door thickness 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.

Anti-pry alarm

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



Dual verification



Fingerprint/Password/Card
Any combination of two to open

Protective black box

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

Trail and error alarm

Multiple verification
failures. An alarm will
sound immediately.



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





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



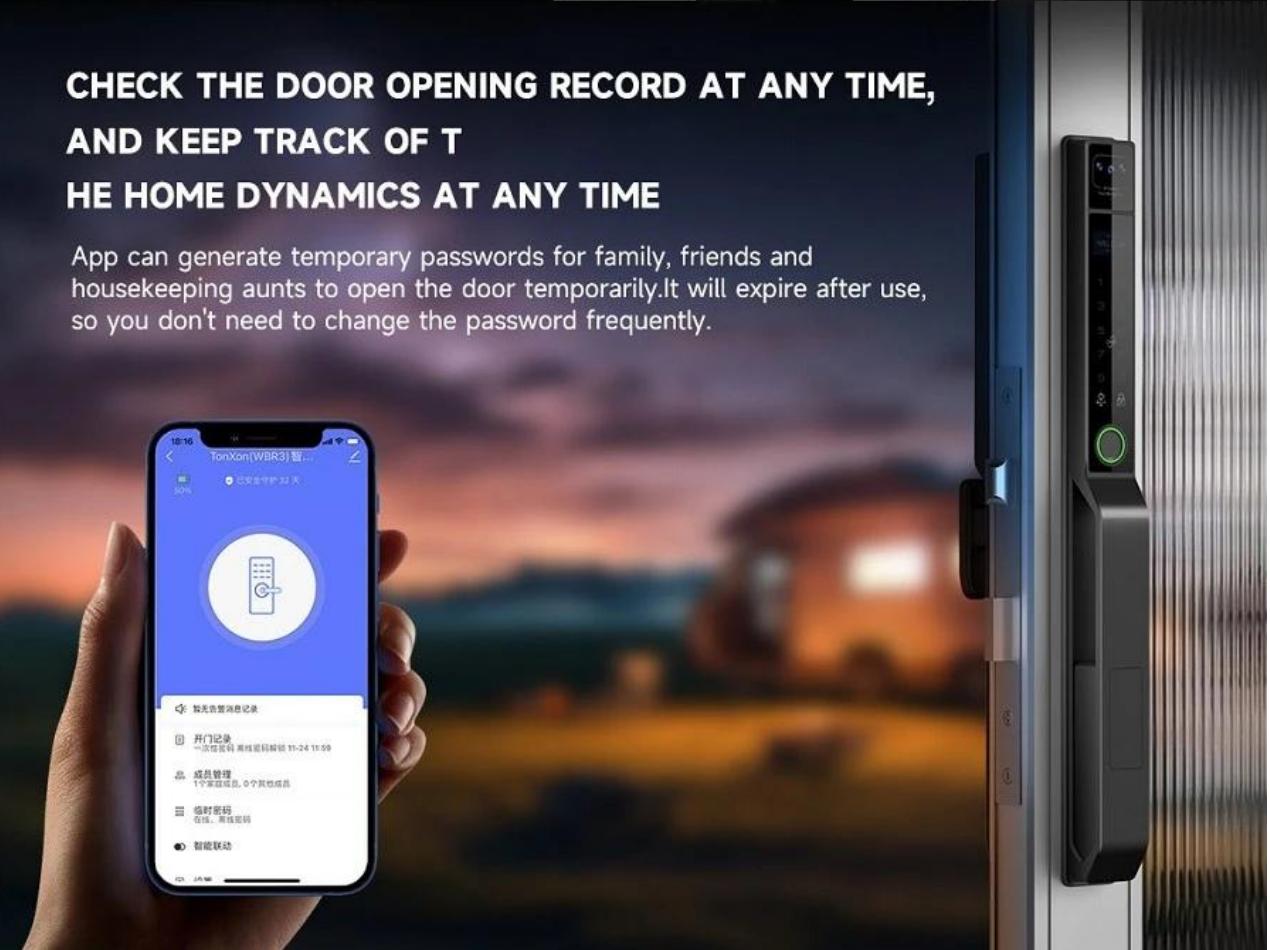
Framed door

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.