Trudian
Touch the future, light up life.

TD-M1-B

Powered by tuya
Intelligence Inside

- **Fingerprint**
- **IC card**
- **PIN Code**
- **Dynamic Password**
- **Low Voltage Alarm**
- **Aluminum Material**
- **Mechanical Key**
- **Tuya APP**
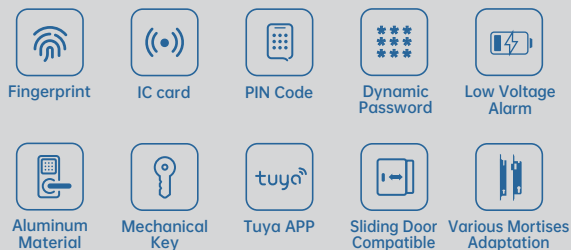- **Sliding Door Compatible**
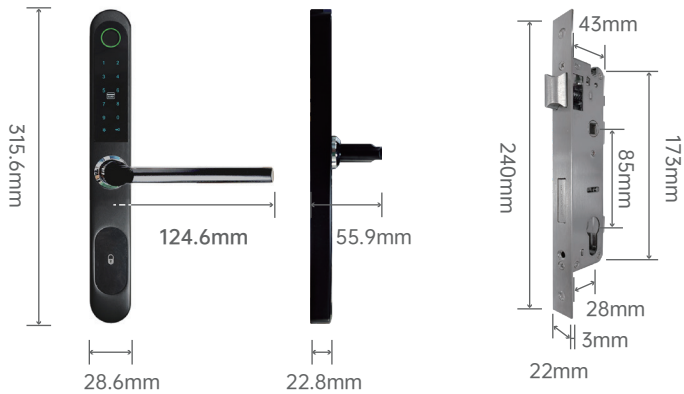- **Various Mortises Adaptation**

Product Features

- Multiple Unlock Methods: Supports Fingerprint, PIN Code, Dynamic Password, Tuya APP, IC Card, and Mechanical Key for versatile access control.
- Sliding Door Support: Compatible with sliding doors, adaptation to various mortises, offering flexibility in installation.
- High-Security Fingerprint Sensor: Utilizes a semiconductor fingerprint sensor with a False Recognition Rate of < 0.001% and False Rejection Rate of < 1.0%.
- Large Capacity: Can store up to 100 fingerprints,100 passwords, and 50 IC Cards, supporting MIFARE M1 card type.
- APP Integration: Remote control via the Tuya App using Bluetooth 4.2 BLE connection.
- Comprehensive Alarm System: Equipped with various door lock alarms and supports background push notifications for added security.
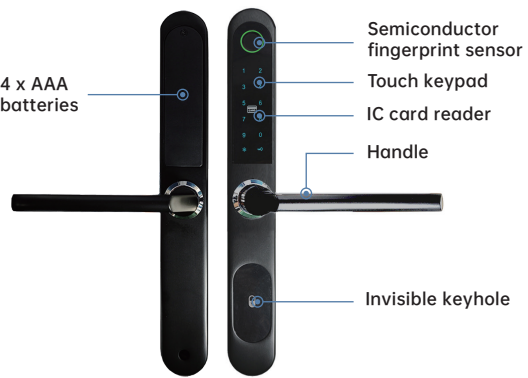
Product Specifications

Unlock Method	Fingerprint, PIN Code, Dynamic Password, Tuya APP, IC Card, Mechanical Key
Sliding Door	Support
Material	Aluminum
Lock Dimension	28.6x315.6x22.8mm
Supported Mortise	2585/2885/3085/3585/4085/4585/5085/6085, 2885/3585 multi-point, 2085/2885/3585 double-hook
Fingerprint Sensor Type	Semiconductor fingerprint sensor
Fingerprint Capacity	100
Password Capacity	100
IC Card Capacity	50
Supported IC Card Type	MIFARE M1 card
False Recognition Rate	< 0.001%
False Rejection Rate	< 1.0%
Supported Phone Systems	Android 5.0 or IOS7.0 and above
Tuya APP Connection	Bluetooth

Bluetooth Standard	Bluetooth 4.2 BLE
Connection Mode	Long connection (keep Bluetooth online)
Bluetooth Gateway	Support
Door Opening Record	Support
Alarm	All kinds of door lock alarm, support background push
Battery	4pcs 1.5V AA alkaline dry batteries
Low Alarm Voltage	4.6V
Voltage Range	4.5V ~ 9V
Standby Current	50μA
Working Current	≦ 200mA
Unlocking Time	≦ 1.5s
Operating Temperature Range	-20 ~ 60℃
Relative Humidity	40% ~ 90% (no gel cream)
Storage Environment	-40 ~ 85℃
ESD(Contact Discharge)	8KV (with lock case)
ESD(Air Discharge)	15KV (with lock case)
Motor Drive	The output voltage is the supply voltage, and the current is ≦ 0.6A
Keypad Type	Capacitive touch keypad

Product Size

315.6mm

124.6mm

28.6mm

55.9mm

22.8mm

43mm

240mm

85mm

173mm

28mm

3mm

22mm

Product Components

Semiconductor fingerprint sensor

Touch keypad

IC card reader

Handle

Invisible keyhole

4 x AAA batteries

Packing List

Smart lock

Batteries & Key & IC card

Lock body & Door buckle

x1 x1 x1 x2

Square column & Screws & Casing

x1 x1 x2 x1 x1 x5 x1 x1

User manual

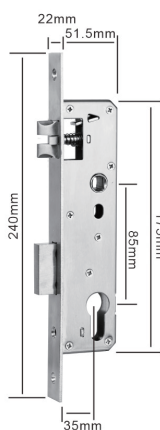# Supported Lock Mortise
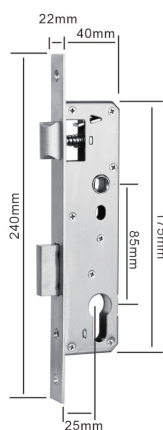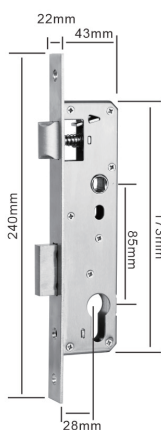
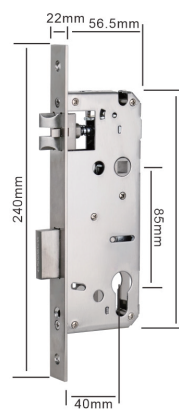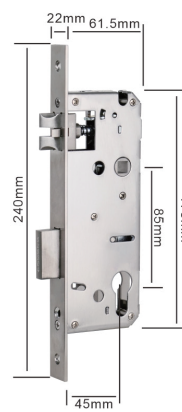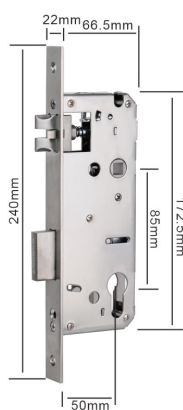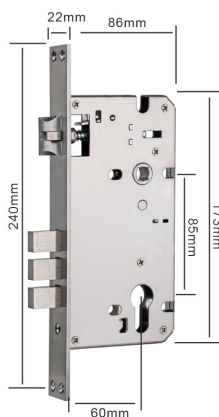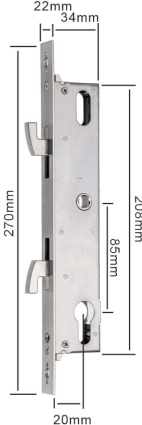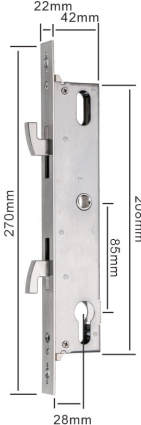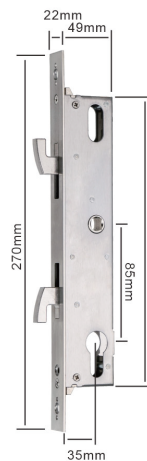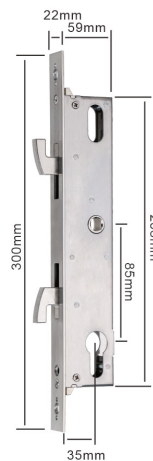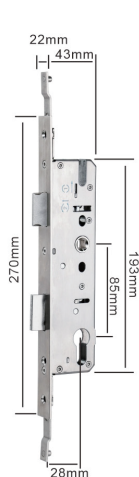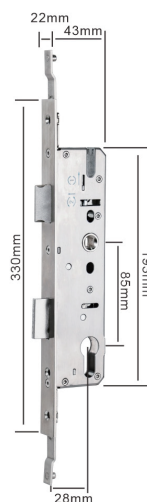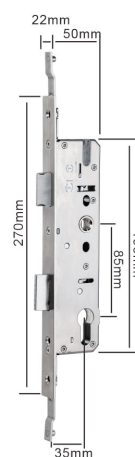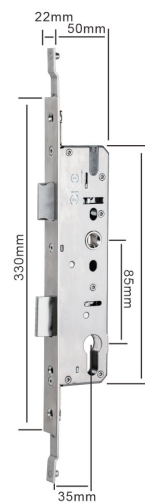|					
2585 single-latch	2885 single-latch	3085 single-latch	3585 trident-latch	4085 trident-latch	4585 trident-latch
5085 trident-latch	6085 trident-latch	2085 double-hook	2885 double-hook	3585 double-hook	3585 double-hook
2885 multi-point	2885 multi-point	3585 multi-point	3585 multi-point		
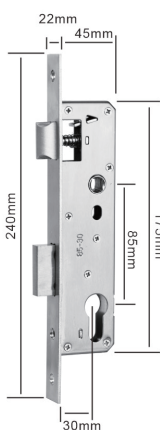
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