

Product Overview

T08 smart lock is a super cost-effective mechanical fully automatic smart lock, providing 4 unlocking methods: fingerprint, password, card, key unlocking; It is equipped with high-strength die-cast aluminum alloy. It allows you to have a safer, smarter and more comfortable home experience.



Black

Ordering information

Product Name	Model	Product Description	Order ID No.
T08 Smart Lock black	MSL-AD-T08-X07801-BEN	non-networking; large handle; IML+aluminum alloy; powder coating process; power supply: 4200mAh lithium battery; size: 428*83*66mm; support fingerprint/password/card/key unlocking; left/right door opening method; standard anti-card mechanical lock body	38044

Key Highlights

- Super C-level anti-theft lock core, the security level exceeds the national standard;
- Support virtual password unlocking, up to 20 digits can be entered;
- Multiple unlocking methods, more convenient: fingerprint, password, card, key, unlocking 4 unlocking methods;
- Alarm function: anti-pry alarm, anti-test opening alarm, low battery alarm, etc.;
- IML panel process;
- Adopt semiconductor fingerprint liveness recognition solution to improve the rejection rate and reduce the false recognition rate;
- Luxury large handle appearance, one touch to open the door;
- Fingerprint algorithm supports adaptive self-learning function, user experience is smoother;
- Ergonomic anti-pinch design;

Product Features



Password Unlock



Fingerprint



Encrypted Card



Mechanical Key



Double verification



Class C lock cylinder



Low Battery Warning



Anti-test Opening Alarm



Anti-pry Warning



Anti-little Black Box



Dummy Password



Stay and Capture



Independent Deadbolt Lock



Emergency Power Supply

Product Specifications

1. Specifications

Project	Description
Product Size (length × width × thickness)	428×83×64.5(Front panel) (mm) 413×79×72.3(Rear panel) (mm)
Color	Black
Shell Material	Aluminum Alloy + IML Panel
Surface Technology	Surface powder spraying
Adapt to Lock Body	6068 standard lock body/overlord lock body
Door Lock Cylinder	C-level fully automatic lock cylinder
Input Power	4200 mAh lithium battery (7.4V)
Emergency Power Outlet	Type-C (5V)
Average Operating Power Consumption	<100mA
Standby Power Consumption	<100μA
Operating Temperature	-25°C ~ +70°C
Storage Temperature	-40°C ~ +70°C
Working Humidity	0~95%RH, no condensation
Flammability Rating	GA 374-2019 standard
Protection Level	IP52
Applicable Door Thickness	55mm~100mm
Applicable Door Types	Wooden door, iron door, security door, copper door, steel door
Door Opening Direction	Supports left inner/outer door opening, right inner/outer door opening
Product Net Weight (g)	2960g
Product Gross Weight (g)	5200g

2. Hardware and interface

Project	Description
Fingerprint reader	Semiconductor
Number Key	3×4 numeric keypad
Doorbell Key	#Key reuse
Mute Key	Supported
Reset Button	Supported (rear panel)
Audio output	Rear speaker
Body Breathing Light	Supported(white, green, red)
Fingerprint Breathing Light	Supported(blue, green, red)
Button Indicator Light	Supported

3. Fingerprint Parameters

Project	Description
Capacity	Management fingerprint: 1; ordinary fingerprint : 99;
Fingerprint False Recognition Rate (FAR)	≤0.001%
Fingerprint rejection rate (FRR)	≤5%
Fingerprint recognition speed	≤ 1 seconds/piece
Contrast Method	1:N
Fingerprint recognition angle	360°
Number of Press	20 0000 times

4. Functional Parameters

Project	Description
Unlocking method	Face, palm vein, fingerprint, password, card, mechanical key, double verification, temporary password unlocking
Card Type	Standard M1 encryption card, sensing distance 5mm
Dummy Password	Supported, up to 20 characters
Number of Password Digits	6 digits
Password Capacity	Management password: 1; ordinary password: 99;
Card capacity	100 sheets
Voice prompts	Supported
Hibernate	Supported, automatically enters sleep after 10s timeout without operation.
Encrypted Card	Supported (anti-copy)
Anti-Tesla	Supported (anti-black box destruction and unlocking)
Anti-pry alarm	Supported, you can choose to turn on/off the anti-pry function
Trial and Error Alarm	Supported, a total of 5 trial and error attempts for fingerprint, password, and card (5~9 times can be set, 5 times by default), the system will ring an alarm and lock for 90s
Low Voltage Alarm	Supported. When the battery level is 5%, it indicates low battery. After alarming, it can be turned on normally 100 times.

