

Product Overview

T02 V fully automatic video smart lock is a cost-effective smart lock product targeting the mid-to-high-end residential market. The lock is made of high-temperature casting of aluminum alloy material and has a high-strength tempered glass panel, which is strong and durable. T02 V has a variety of unlocking methods, including fingerprint, password, card swipe, and key, allowing you to have a safer, more comfortable, and smarter home experience.



Black

Ordering information

Product Name	Model	Product Description	Order ID No.
T02V Smart Lock black	MSL-AD-T02-W07802-BEN	Horizontal handle type; aluminum alloy + tempered glass material; powder spraying process; power supply: supporting 8AA dry cell battery; Size: 364.5×82×73.1mm; Features: Video pairing Speaking, loitering detection; unlocking method:fingerprint/password/swipe card/key/APP/temporary password/Extension; left/right door opening method; optional AWS6068 standard/overlord lock body	34317

Key Highlights

- The semiconductor fingerprint sensor combined with fingerprint design of the handle makes it easy to open with one grip and easy to use;
- Integrated tempered glass panel, simple and stylish;
- The digital area has a white backlight display and the keys are clear at a glance;
- Key press sound feedback, every key press can be accurately known;
- Supports fingerprint, password, encrypted card, key, and rear panel, five-in-one unlocking methods;
- C class pure copper lock cylinder and B class all-steel lock body illustrate the strength of safety;
- Hidden keyhole, charging hole, waterproof and dustproof;
- Alarm function: anti-pry alarm, anti-test opening alarm, low battery alarm, etc.;

Product Features



Password Unlock



Fingerprint



Encrypted Card



Mechanical Key



Intelligent Terminal



Stay and Capture



Independent Deadbolt Lock



Anti-test Opening Alarm



Anti-pry Warning



Anti-little Black Box



Dummy Password



Emergency Power Supply



Low Battery Warning

Product Specifications

1.Specifications

Project	Description
Product Size (length × width × thickness)	413×79×70(Front panel) (mm) 413×79×73(Rear panel) (mm)
Color	Black
Shell Material	Aluminum alloy + tempered glass
Surface Technology	Surface powder spraying
Adapt to Lock Body	6068 standard lock body/overlord lock body
Door Lock Cylinder	Direct plug-in Class C lock cylinder (true mortise)
Input Power	4200 mAh lithium battery
Emergency Power Outlet	Type-C (5V)
Average Operating Power Consumption	<250mA
Standby Power Consumption	<100μA
Operating Temperature	-25°C ~ +70°C
Storage Temperature	-40°C ~ +70°C
Working Humidity	0~93%±3%RH, no condensation
Flammability Rating	GA 374-2019 standard
Protection Level	IP52
Applicable Door Thickness	55mm~100mm
Applicable Door Types	Wooden doors, security doors
Door Opening Direction	Supports left inner/outer door opening, right inner/outer door opening
Product Net Weight (g)	2.6kg
Product Gross Weight (g)	

2. Hardware and interface

Project	Description
Camera	Supported (front panel)
Resolution	VGA 640×480, 300,000 pixels
Viewing Angle	Vertical angle 87.6°, horizontal angle 108.7°, diagonal angle 128.5°
Fingerprint reader	Semiconductor
Number Key	3×4 numeric keypad
Doorbell Key	Independent doorbell Key
Mute Key	Supported
Reset Button	Supported (rear panel)
Audio output	Front speaker, rear speaker
Body Breathing Light	Not Supported
Fingerprint Breathing Light	Supported
Battery Indicator	Supported
Button Indicator Light	Supported

3. Communication Parameters

Project	Description
Door Lock Type	Network -connected
WiFi	Supported
Bluetooth	Not Supported
Zigbee	Not Supported
NB-IoT	Not Supported

4. Fingerprint Parameters

Project	Description
Capacity	Management fingerprint: 1; ordinary fingerprint : 99;
Fingerprint False Recognition Rate (FAR)	≤0.001%
Fingerprint rejection rate (FRR)	≤1%
Fingerprint recognition speed	1 seconds/piece
Contrast Method	1:N
Fingerprint recognition angle	360°
Number of Press	10 0000 times

5.Functional Parameters

Project	Description
Unlocking method	Fingerprint, password, encrypted card, key, rear panelunlocking
Card Type	M1 card (compatible with CPU card)
Dummy Password	Supported, up to 20 characters
Number of Password Digits	6 digits
Password Capacity	Management password: 1; ordinary password: 49;
Card capacity	100 sheets
Voice prompts	Supported
Hibernate	Supported, automatically enters sleep after 10s timeout without operation.
Encrypted Card	Supported (anti-copy)
Dwell alarm	Supported
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.