

Product Overview

The T03 Pro is a fully automatic 3D facial video calling smart lock designed for the high-end residential market in the engineering sector, offering exceptional value for money. Crafted through high-temperature die-casting of aluminum alloy and meticulously polished with multiple processes such as electrophoresis and electroplating, this lock is robust, durable, and exudes a luxurious, eye-catching metallic texture. The T03 Pro features 3D structural light facial recognition for unlocking, along with multiple detection and alarm functions, ensuring a more intelligent, comfortable, and secure home experience.



Ordering information

Product Name	Model	Product Description	Order ID No.
T03 Pro Smart Lock Black	MSL-AD-T03-W05808-BEN	Black,WiFi; Large handle type; aluminum alloy; Power supply: 5000mAh lithium battery; Size :413×79×70mm; Features: 3D structured light face recognition, video intercom, infrared night vision, resident detection; Unlocking method: face/fingerprint/password/swipe card/key ; Left/right door opening mode; 6068 standard/Overlord gear lock body	34325
T03 Pro Smart Lock Bronze	MSL-AD-T03-W06808-BEN	Bronze,WiFi; Large handle type; aluminum alloy; Power supply: 5000mAh lithium battery; Size :413×79×70mm; Features: 3D structured light face recognition, video intercom, infrared night vision, resident detection; Unlocking method: face/fingerprint/password/swipe card/key ; Left/right door opening mode; 6068 standard/Overlord gear lock body	34327

Key Highlights

- Third generation 3D structured light, BCTC enhanced authentication, real face unlock recognition technology;
- The semiconductor fingerprint sensor combined with fingerprint design of the handle makes it easy to open with one grip and easy to use;
- Detachable handle guard plate, solve the door clamping hand pain points;
- The digital area has a white backlight display and the keys are clear at a glance;
- Standard 5000mAh large battery to ensure the life of the door lock;
- Supports face recognition ,fingerprint, password, encrypted card, key, and button ,six-in-one unlocking methods;
- Supports a 20-bit virtual password, which is effective against prying eyes and leaks.
- Alarm function: Resident alarm, anti-skid alarm, anti-test alarm, low power alarm and other functions;
- 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;
- Supports human body motion detection, detection switch and time are adjustable, detection distance is 1 meter;

Product Features



Password Unlock



Fingerprint



Encrypted Card



Mechanical Key



3D Face



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)	413×79×70mm (Front panel) 413×79×73mm (Rear panel)
Color	Black, Bronze
Shell Material	Aluminum alloy
Surface Technology	Electrophoretic Black, Electroplated Bronze
Adapt to Lock Body	6068 standard lock body/overlord lock body
Door Lock Cylinder	Class C automatic lock core
Input Power	5000mAh lithium battery 7.4V
Emergency Power Outlet	Type-C (5V)
Average Operating Power Consumption	<200mA
Standby Power Consumption	<500μA
Operating Temperature	-25℃ ~ +70℃
Storage Temperature	-40℃ ~ +70℃
Working Humidity	0~93%±3%RH, no condensation
Flammability Rating	GA 374-2019 standard
Protection Level	IP52
Applicable Door Thickness	45mm~130mm
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)	
Product Gross Weight (g)	

2.Hardware and interface

Project	Description
Screen	Not Supported
Fingerprint reader	Semiconductor
Number Key	3×4 numeric keypad
Doorbell Button	Individual doorbell Key
Front panel lock Key	Touch Key,Short press 0.2 seconds to lock
Rear panel unlock Key	Physical Key,Short press to unlock
Rear panel lock Key	Physical Key,Short press to lock
Mute Key	Supported, press and hold the 0 key for 2 seconds to enter silent mode, sleep or enter the management background to exit automatic silent mode
Reset Key	Supported (rear panel)
Camera	Supported (front panel)
Resolution	1M pixels(720P)
Viewing Angle	Vertical angle 130°, horizontal angle 71°
Audio output	Front speaker, rear speaker
Body Breathing Light	Supported
Fingerprint Breathing Light	Not Supported
Battery Indicator	Not Supported
Button Indicator Light	Supported

3.Communication Parameters

Project	Description
Door Lock Form	Network type
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	100,000 times

5.Functional Parameters

Project	Description
Unlocking method	3D Face,Fingerprint, password, encrypted card, key, rear panel unlocking
3D face Capacity	Management face: 1; ordinary face: 99;
Face in vivo passage rate (TPR)	>99.9%
Face Misrecognition rate (FPR)	<0.1%
Face viewing Angle	66° vertical, 52° horizontal
Face viewing distance	0.4m away from the lock, 1.29m-1.76m people can see 0.6m away from the lock, 1.23m-2.00m people can see
Dummy Password	Supported, up to 20 characters
Number of Password Digits	6 digits
Password Capacity	Management password: 1; ordinary password: 49;
Card Type	M1 card (compatible with CPU card)
Card capacity	100 sheets
Encrypted Card	Supported (anti-copy)
Voice prompts	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 first prompt "The battery is low, Please charge the lithium battery", the door can still be opened about 100 times.