

## Product Overview

The L13 V is a video smart door lock with a high-strength aluminum alloy housing with a metallic texture. The one-piece tempered glass panel is simple and durable. It provides you with visual intercom, linkage with smart home and other more intelligent and convenient door-opening experience, as well as anti-pry alarm, anti-try-open alarm, and other multiple security guarantees. Suitable for Home, villa, office and other scenes. rity guarantees.



Black

Bronze

## Ordering information

Product Name	Model	Product Description	Order ID No.
L13V Smart Lock black	MSL-AD-L13-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	34314
L13V Smart Lock Bronze	MSL-AD-L13-W02802-BEN	Horizontal handle type; aluminum alloy + tempered glass material; spray painting 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	34315

## Key Highlights

- Doorbell video intercom: supports indoor station for video intercom.
- 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 indoor station five-in-one unlocking methods;
- The handle has a fingerprint design, which opens when you hold it, making it easy to use;
- Personalized home linkage;
- 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;
- 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



Smart Home Linkage



Anti-test Opening Alarm



Anti-pry Warning



Anti-little Black Box



Dummy Password



Emergency Power Supply



Low Battery Warning



Independent Deadbolt Lock

## Product Specifications

### 1.Specifications

Project	Description
Product Size (length × width × thickness)	364.5×82×73.1 (Front panel) (mm) 364.5×82×72.3 (Rear panel) (mm)
Color	Black, Bronze
Shell Material	Aluminum alloy + tempered glass
Surface Technology	Powder spray (black), spray paint (bronze)
Adapt to Lock Body	6068 standard lock body/overlord lock body
Door Lock Cylinder	Direct plug-in C Class lock cylinder (true mortise)
Input Power	8 AA dry batteries
Emergency Power Outlet	Type-C (5V)
Average Operating Power Consumption	35mA
Standby Power Consumption	50μA
Operating Temperature	-25°C ~ +70°C
Storage Temperature	-25°C ~ +80°C
Working Humidity	0~93%±3%RH, no condensation
Flammability Rating	GA 374-2019 standard
Protection Level	IP52
Applicable Door Thickness	Standard 50mm~100mm (if you need 45mm~130mm, please note when ordering)
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
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 Button	*Key reuse
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 Button	Supported (rear panel)
Audio output	Front speaker, rear speaker
Body Breathing Light	Not Supported
Fingerprint Breathing Light	Supported
Battery Indicator	Not 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)	≤5%
Fingerprint recognition speed	0.5 seconds/piece (the speed does not change when the fingerprint library is full)
Contrast Method	1:1&1:N
Comparison Time	1:1<450ms
Number of Press	1 million times

## 5.Functional Parameters

Project	Description
Unlocking method	Fingerprint, password, encrypted card, key, indoor station unlocking
Indoor station Call Limit	1 set
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
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 first prompt "The battery is low, please replace the upper/lower four batteries", the door can still be opened about 200 times.

## Typical Application

