

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.



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 Class C 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 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) | ≤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

