SL60 Smart Lock（WiFi）

Datasheet

Product Introduction

This smart lock prioritizes top-tier security and privacy, offering robust protection for users. CE fire resistance certified for emergency reliability, it also features advanced financial-grade 3D facial recognition and palm vein scanning, with up to 10 access methods. Fully developed in-house — hardware, software, and cloud platform — it ensures GDPR compliance, securing user data and privacy.

Features

- CE fire resistance certification
- Durable zinc alloy construction with premium electroplating
- 24GHz precision radar for 24/7 monitoring
- Long-lasting dual lithium batteries with 9000mAh total capacity
- Accurate door state detection for open/close status
- Integrated doorbell function
- Financial-grade biometric security: 3D facial and palm vein recognition
- 10 access methods
- 4MP HD camera with 4 infrared lights, supporting low-light full-color and 5m night vision
- 5-inch high-definition touch screen
- Work with Akuvox door phones, BelaHome app, and HyPanel devices
- One-touch integration with smart home systems
- Quick reply feature
- Child lock function
- GDPR-compliant privacy standards



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Specifications

- **Model:** SL60
- **Material:** Zinc alloy + 2.5D tempered glass
- **Dimensions:** 460*70*58mm（Front body）
  460*71.5*80mm（Back body）
- **Door Thickness:** 40-100mm
- **Mortise Lock Case:** 6068 Lock case with door status detection
- **Mechanism:** Fully automated
- **Connectivity:** WiFi@2.4GHz, Bluetooth 3.0
- **Operating Voltage:** 7.4-8.4VDC
- **Battery Capacity:** Main 6000mAh + Auxiliary 3000mAh
- **Standby Time:** 10 months (Based on 10 lock/unlock cycles per day)
- **Emergency Power Supply:** 5V/1A, USB Type-C
- **Camera:** 4M pixels, 111° ultra-wide angle
- **Display Screen:** 5-inch, 720P
- **Speaker:** Dual speakers for both front and back bodies
- **Microphone:** Dual microphones for both front and back bodies
- **Radar:** 24GHz millimeter-wave
- **Keypad:** 1-9, <, √
- **Indicators:**
  - Orange: Recognition in progress
  - Green: Recognition success
  - Red: Recognition failure
- **Access Solution：** Face (50)/Palm vein (50)/Fingerprint (50)/PIN (50)/IC card (50)/ NFC/App/Temporary PIN/HyPanel devices/Mechanical key/Fake PIN code/Dual verification
- **Alarm Feature:** Loitering alert/Multiple failed attempts alarm/Tamper alarm/Low battery alert/ /Door ajar alarm
- **Operating Temperature:** -25℃ ~ 70℃
- **Operating Humidity:** 0~93%RH
- **IP Rating:**IP65 (Front body)/IP52 (Back body)
- **Certification:** CE fire resistance certification

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