

## 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
- IP65 rating for front body protection
- 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 indoor display
- 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
- Global OTA updates



### 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:
  - Green: Recognition success/in progress
  - Red: Recognition failure
- Access Solution: Face (50)/Palm vein (50)/Fingerprint (100)/PIN (100)/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°C ~ 70°C
- Operating Humidity: 0~93%RH
- IP Rating: IP65 (Front body)/IP52 (Back body)
- Certification: CE fire resistance certification