Technical Specifications*

S51 Series Smart Door Lock Specifications	
Cylinder Grade	C-level cylinder
Technical Standards	GA 374-2019《Burglary-resistant electronic locks》
	GA 701-2007《General specifications of burglary-resistant fingerprint locks》
	GB 21556-2008
	GA / T73-2015《The cylinder》
Corrosion Resistant	Withstood 96 hours in the salt spray test
Lifespan	The bolt assembly and its driving unit, the handle and key that operate the bolt as well as their assemblies can be cycled 150 thousand times
	Each keypad button can be pressed 300 thousand times
	The FPC Fingerprint sensor can be used 200 thousand times
Access Modes	Fingerprint
	Passcode
	Mechanical key《2 Keys》
	RFID Card
	High security mode: Double authentication through fingerprint and passcode
Backup Power	USB
Passcode Capacity	11 groups《1 administrator passcode + 10 user passcodes》
	Passcode length: 6-12 digits
	Virtual passcode protection《32 digits maximum》
Fingerprint Capacity	100 fingerprints
Handle lock design	Prevents break-ins from the peephole and unlocking by children or pets
Indoor Lock	An indoor lock further enhances security by unlocking the door from the inside
Battery Life	Four 1.5V AA batteries are sufficient for 3000 times usage of the lock
Security/Alarm	• 3 incorrect passcode inputs allowed before the alarm goes off with 3 "beep" sounds • 5 incorrect passcode inputs allowed before the system gets automatically blocked with voice alarm • Automatic unlocking after 90 seconds
Bolt Strength	Horizontally, the main bolt can withstand ≥6000N
	Vertically, the main bolt can withstand ≥9800N
Door Thickness	38 - 120mm

* All data is derived from laboratory testing, therefore, may slightly vary according to specific testing software versions and environment. The final data is subject to actual test conditions.
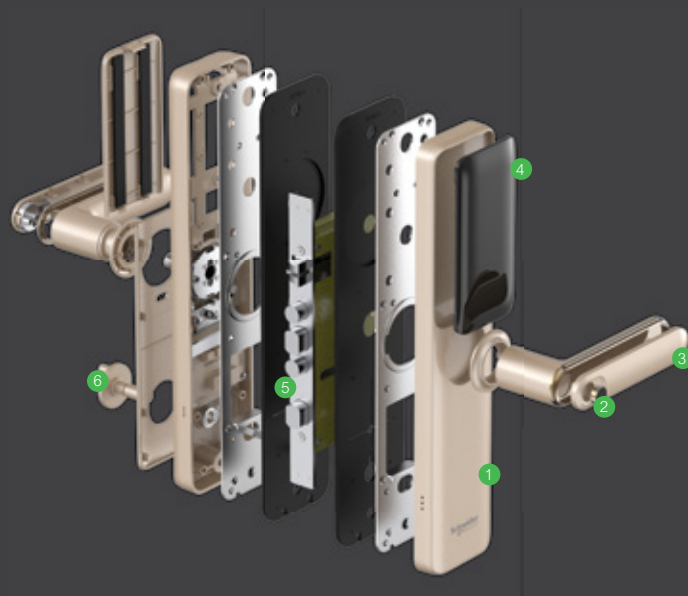
Dimensions
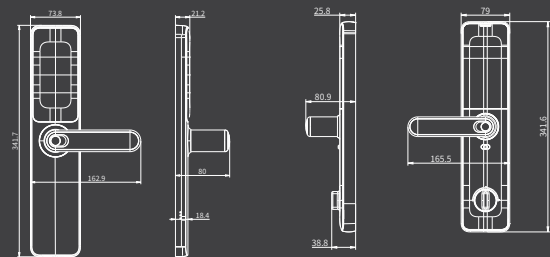
Front assembly
Measurement
341.7 x 73.8 x 21.2mm(H x W x D)

Back assembly
Measurement
341.6 x 79 x 25.8mm(H x W x D)

Safeguarded with our expertise

1. Aluminum alloy lock body exterior
2. FPC fingerprint sensor
3. Zinc alloy handle
4. Keypad / Voice guide / Emergency alarm system / Virtual passcode
5. Standard semi-automatic lock body
6. Indoor lock

Top Quality

IML	Zinc Alloy	96H^
Technique	Handle	Corrosion resistance test

C-Level Cylinder

30 minutes	3 Latch-bolts	304 Stainless
anti-drill	prevent card break-ins	steel bolts

Highly Compatible
Compatible with 6068 and its variants^, and supports reverse lock bodies. Also compatible with most doors in the market and is easy to install.

Professional Standards
GA 374-2019, GA 701-2007, GB 21556-2008, GA/T73-2015《The cylinder》

^96H is a result of laboratory testing with the standard 6068 lock body. Zinc alloy is used for the handle, and aluminum alloy is used for the lock body's exterior

Champagne Gold

Glossy Black

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S51 Series Smart Door Lock

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S51

The Schneider Electric S51 Series Smart Door Lock is minimalist and stylish. A Swedish FPC fingerprint sensor on the zinc alloy handle increases the speed and reliability of unlocking. Fingerprint authentication and door opening can be done simultaneously. The aesthetically designed lock is the perfect choice for a secure and quality family life.

4-in-1 Access Mode

Unlock your door with FPC fingerprint, passcode, mechanical key, or RFID card

| FPC fingerprint | Passcode | Mechanical key | RFID card |

High-Tech and Secure

Swedish FPC Fingerprint Sensor

Next-generation sensing technology

Accurate detection of fingerprint ridges and valleys increase the speed and reliability of unlocking

≤0.5s*	360°*	≤0.01%*
Sensing speed	Live finger detection	False rejection rate

* Data is derived from laboratory testing.
The 3000 activations were using 4 batteries

ST Chip (STMicroelectronics)

High performance with low power consumption increases risk assistance and greater stability

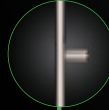| 200,000*	3,000*	100*
fingerprint scans	4-battery activations	fingerprints storage

Safe from Tesla coil boosters*

* To conduct a Tesla coil booster test, the smart door lock is placed in an anechoic chamber with a field strength of 10V/m, modulated frequency of 1KHz and modulation percentage of 80%, and tested by interfering frequency sweeps from 80MHz to 1GHz. The lock should operate without error under such conditions.

Free handle design

The door is automatically locked after closing. By lifting the handle, the internal lock body becomes detached to prevent forced unlocking

Smart touchscreen + voice guide

Easy setting and equipped with voice guide, mute mode is available for a quiet home environment

Extra-long battery life for peace of mind

Only 4 batteries are required | Low Battery notification | Emergency charging with a power bank

Intelligent and Convenient

Stylish and Smooth Operation

Quick access with FPC Fingerprint Sensor

Touch the handle to unlock and open at one go

Minimalist style

Minimalist design using scratch-resistant material to maintain the brand new look

All-in-one operation

Slightly protruding fingerprint sensor for precise unlocking and ergonomic design for comfortable handling

Reassuring multi-layered security

High security mode
Double authentication through fingerprint and passcode

Peeping prevention
The virtual passcode function reduces the risk of passcode exposure and peeping eyes by entering random numbers before and after the authentic one

Temporary passcode
Generate one-time access to visitors even when you are away from home

Handle lock design
Prevents break-ins from the peephole and unlocking by children or pets

Enhanced safety
An indoor lock further enhances security by unlocking the door from the inside

Anomaly detection alarm
To safeguard your home