SPARK WL-50 · SMART DOOR LOCK

Four ways in.
Made for wooden doors.

A smart lever lock for wooden doors. Open with a fingerprint, a password, a card or the Tuya app, and keep a key as a backup.

INSIDE OUTSIDE

- Tuya Wi-Fi
- Fingerprint
- Password
- IC card
- Mobile app
- Type-C emergency power
- Key backup
- For wooden doors
- 4 × AA batteries

MADE FOR WOODEN DOORS

Smart handle. Wooden door.

The WL-50 is made for wooden doors. A slim 268 mm aluminium-alloy panel with the lever you already know, and a mortise lock body that fits the door you already have.

WOODEN DOORS
Made to fit them

ALUMINIUM ALLOY
Slim 268 × 61 mm panels

TUYA WI-FI
Your door in your app

DOOR PHOTO · LOCK SHOWN TO SCALE

FOUR WAYS IN · PLUS A KEY

However you like to open.

Every family member, guest and cleaner can use the way that suits them.

OUTSIDE PANEL · 268 × 61 MM

Fingerprint
One touch on the sensor in the handle.

Password
Type your code on the touch keypad.

IC card
Give a card to the cleaner or the kids.

Mobile app
Unlock from the Tuya app, from anywhere.

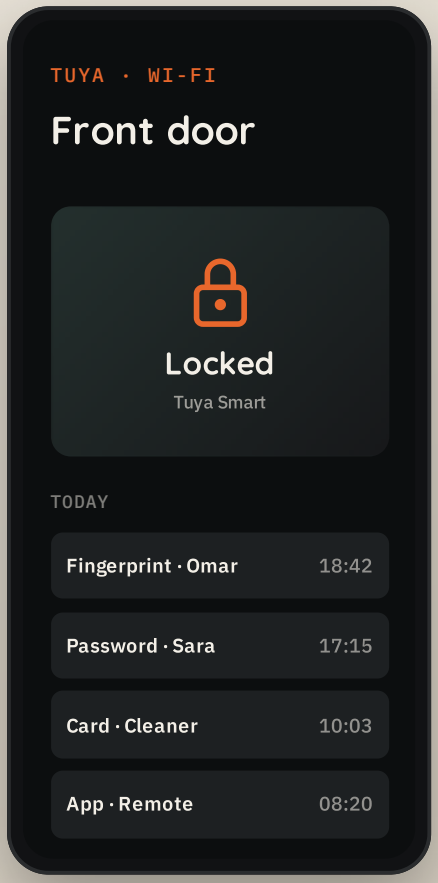
Key backup
A mechanical key, for when you need it.

Type-C emergency power
Battery flat? Plug a power bank into the Type-C port and open the door.

MOBILE APP · TUYA WI-FI

Your door, in your pocket.

The WL-50 joins your home Wi-Fi and the Tuya Smart app. Unlock from your phone, and see who came in and how.



Tuya Smart app

OVER YOUR HOME WI-FI

IN THE TUYA APP

Everything your door does, on one screen.

Remote unlock
Open the door for a guest from anywhere.

Manage users
Add fingerprints, codes and cards for the family.

Unlock records
See who came in, and when.

Battery alerts
Know in time when the AA batteries run low.

Tuya Wi-Fi
No hub needed. Part of your Tuya smart home.

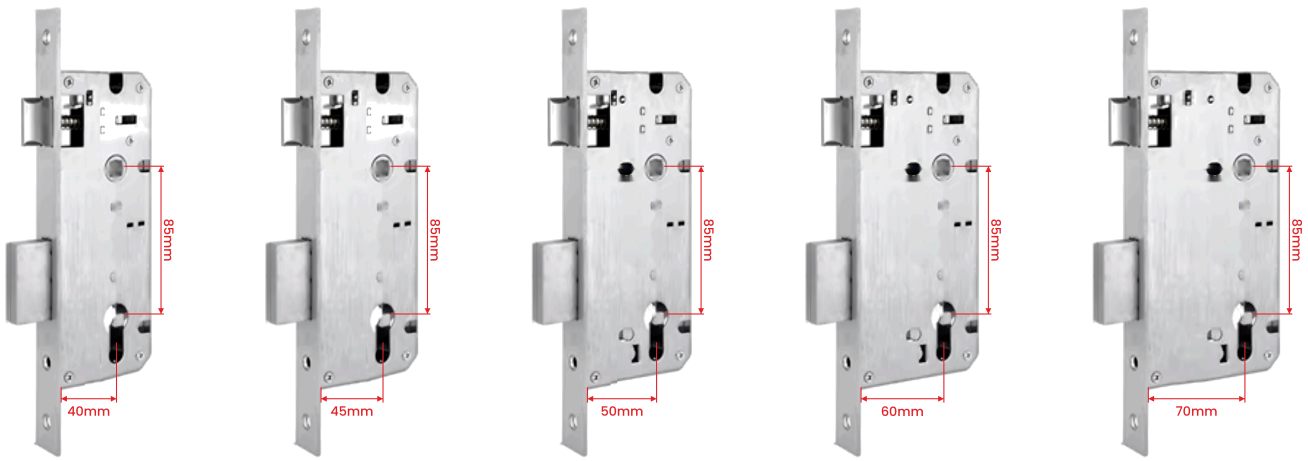
Unlock from your phone
The fourth way in, next to finger, code and card.

Key backup
A mechanical key still opens the door.

FITS THE DOOR YOU ALREADY HAVE

One lock.
Five lock body sizes.

The WL-50 comes with a mortise lock body for wooden doors, in five backsets: 40, 45, 50, 60 or 70 mm. All share the 85 mm centre distance and a 22 × 240 mm faceplate.



4085 (22×240mm) 4585 (22×240mm) 5085 (22×240mm) 6085 (22×240mm) 7085 (22×240mm)

4085 · 4585 · 5085 · 6085 · 7085 LOCK BODIES · DIMENSIONS IN MM

BACKSET

40 – 70 mm

40, 45, 50, 60 or 70 mm to the cylinder centre.

CENTRE DISTANCE

85 mm

Handle spindle to the cylinder.

FACEPLATE

22 × 240

Width and length in mm.

Check your door first

Measure the backset of your door, from the edge to the centre of the cylinder hole, and tell us: 40, 45, 50, 60 or 70 mm.

SPARK WL-50 AT A GLANCE

Your door, quietly intelligent.

Tuya Wi-Fi
In the Tuya app.

Fingerprint
In the handle.

Password
Touch keypad.

IC card
Tap to open.

Key backup
Mechanical key.

Wooden doors
Made for them.

SPECIFICATIONS

Model	**Spark WL-50**
Network	**Tuya Wi-Fi**
Unlocking	**App · fingerprint · password · IC card · key**
Handle	**Lever**
Battery	**4 × AA dry batteries**
Material	**Aluminium alloy**
Front panel	**268 × 61 mm**
Rear panel	**268 × 61 mm**
Lock body	**4085 to 7085 · 22 × 240 mm**
Backup	**Mechanical key**
Emergency power	**Type-C port for a power bank**
Door	**Wooden doors**

61 MM WIDE · FRONT AND REAR

PART OF THE SPARK HOME

A smart handle for your wooden door, in the Tuya app.

Runs on four AA batteries. Joins your home Wi-Fi and your Spark and Tuya smart home, with a mechanical key as a backup.

SPARK-HOME.COM