SPARK TL-240 · SMART DOOR LOCK

Six ways in. Only for your people.

A fully automatic smart lock for 85-series doors with three locking points. Open with your face, your palm, a fingerprint, a password, a card or the Tuya app, and see who is at the door on the built-in camera. Rated IP65 waterproof.

- Tuya Wi-Fi
- Face recognition
- Palm print
- Fingerprint
- Password
- Card
- Mobile app
- Key backup
- Type-C emergency power
- Camera · video call
- Self-opening
- 85 series · 3 locking points
- IP65 waterproof
- 5000 mAh

6
WAYS TO UNLOCK

IP65
WATERPROOF

5000
MAH LITHIUM BATTERY

85
SERIES

MADE FOR SECURITY DOORS

Your front door, upgraded.

The TL-240 is made for 85-series doors: three locks, top, middle and bottom, that work together, on a 6085 lock body.

85 SERIES
Fits 6085 lock bodies

3 LOCKING POINTS
Top, middle, bottom

TUYA WI-FI
Your door in your app

ILLUSTRATION · LOCK SHOWN TO SCALE

WATERPROOF · IP65

Rain on the door? No problem.

The TL-240 is waterproof, rated IP65. Rain and splashing water on your front door will not stop it.

IP65 rated

Dust-tight and protected against water.

Rain and splashes

Made for front doors that face the weather.

Front door ready

Waterproof, automatic and on your Tuya app.

OUTSIDE PANEL · 423 × 70 × 67 MM

SIX WAYS IN · PLUS A KEY

However you like to open.

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

Face recognition
Look at the camera and the door opens. Hands free, even with shopping bags.

Palm print
Hold up your palm. No touching needed.

Fingerprint
One touch on the fingerprint sensor.

Password
Type your code on the touch keypad.

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.

CAMERA · VIDEO CALL · VIDEO SURVEILLANCE

See who is there.
From inside, or anywhere.

A camera is built into the outside panel. Answer a video call on your phone, and check the door live whenever you want.

INSIDE PANEL

TUYA APP · LIVE VIEW

Camera

Built into the outside panel.

Video call

Talk to visitors from inside or from your phone.

Video surveillance

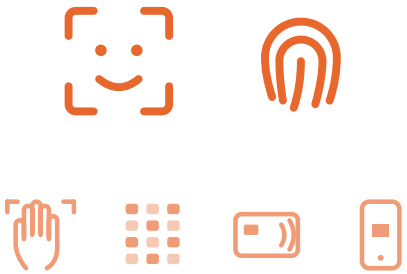
Check the door live, any time.

FULLY AUTOMATIC · SELF-OPENING

Verify once.
The lock does the rest.

The TL-240 is fully automatic. When it recognises you, the lock opens by itself. No key and no handle to turn.

01 · Verify



Face, palm, finger, code, card or app

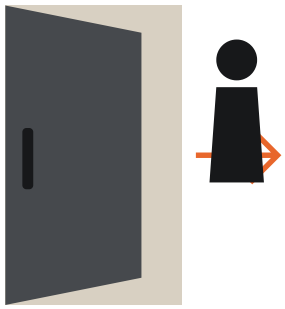
Any of the six ways tells the lock it is you.

02 · Self-opening

The bolts draw back

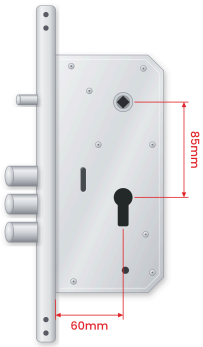
The lock opens by itself.

03 · Walk in



Push the door

And you are home.



6085 (28×300mm)

AUTOMATIC · 6085 LOCK BODY

The motor moves the bolts for you.

Fully automatic: verify and the lock opens itself. On 85-series doors, top, middle and bottom lock together. Powered by the built-in 5000 mAh lithium battery.

60 MM BACKSET · 85 MM CENTRE DISTANCE

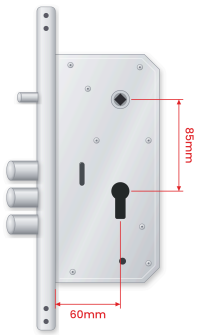
85 SERIES · FOR SPECIAL DOORS

Three locking points. One smart lock.

The TL-240 is part of the Spark 85 series, made for doors with three locks that work together: top, middle and bottom. It fits the 6085 lock body: 60 mm from the faceplate to the cylinder, 85 mm between the handle spindle and the cylinder.

THREE LOCKS WORK TOGETHER

THE LOCK BODY



6085 (28×300mm)

6085 SIZING

60 mm backset
85 mm centre distance

Main lock body in the middle, with locking points at the top and bottom of the door.

85-SERIES LOCK BODY · REAL HARDWARE · 6085 SIZING DIAGRAM IN MM

BACKSET
60 mm

CENTRE DISTANCE
85 mm

SERIES
85

EIGHT THINGS IN ONE LOCK

Your door, quietly intelligent.

Tuya Wi-Fi
In the Tuya app.

Automatic
Motor-driven bolts.

6 ways in
Face, palm, finger, code, card, app.

Camera
Built in.

Video call
Inside and on your phone.

Surveillance
Live view, any time.

Self-opening
Verify and it opens.

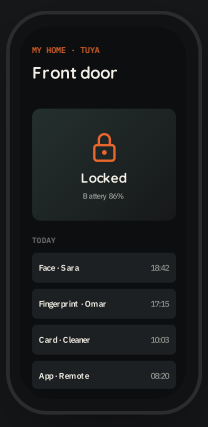
IP65
Waterproof.

SPECIFICATIONS

Model	**Spark TL-240**
Network	**Tuya Wi-Fi**
Unlocking	**Face · palm · fingerprint · password · card · app**
Camera	**Built in**
Video	**Video call · video surveillance**
Operation	**Fully automatic · self-opening**
Battery	**5000 mAh lithium**
Front panel	**423 × 70 × 67 mm**
Rear panel	**423 × 75 × 67 mm**
Waterproof	**IP65**
Series	**85 series · 3 locking points**
Lock body	**6085 · 60 × 85 mm**
Backup	**Mechanical key**
Emergency power	**Type-C port for a power bank**
Door	**85-series doors**

INSIDE · 57 mm

OUTSIDE · 45 mm



TUYA SMART APP

Who came home, and when. Right on your phone.

Unlock remotely, answer the door and check the live camera from the Tuya app, over your home Wi-Fi. Pair it with Spark switches and panels for a home that answers to one app.

SPARK-HOME.COM