

● SPARK TL-220 · SMART DOOR LOCK

Five ways in. Only for your people.

A fully automatic smart lock for 85-series doors with three locking points. Open with your face, a fingerprint, a password, a card or the Tuya app, and see who is at the door on the built-in camera. Rated IP67 waterproof.

● Tuya Wi-Fi

● Face recognition

● Fingerprint

● Password

● Card

● Mobile app

● Key backup

● Type-C emergency power

● Camera · video call

● Self-opening

● 85 series · 3 locking points

● IP67 waterproof

● 5000 mAh



INSIDE

OUTSIDE

5

WAYS TO UNLOCK

IP67

WATERPROOF

5000

MAH LITHIUM BATTERY

85

SERIES

● MADE FOR SECURITY DOORS

Your front door, upgraded.

The TL-220 is made for 85-series doors: three locks, top, middle and bottom, that work together, on a 3585 lock body.



12

85 SERIES

Fits 3585 lock bodies

3 LOCKING POINTS

Top, middle, bottom

TUYA WI-FI

Your door in your app

● WATERPROOF · IP67

Rain on the door? No problem.

The TL-220 is waterproof, rated IP67. Rain and splashing water on your front door will not stop it.



IP67

Waterproof

IP67 means the lock is dust-tight and protected against temporary immersion in water. Rain and splashes are no problem.

WATER PROTECTION · SECOND DIGIT OF IP67

X0	X1	X2	X3	X4	X5	X6	X7	X8
No protection							TL-220 · IPX7	Submersion



IP67 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.

● FIVE 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.



Fingerprint

One touch on the sensor below the keypad.



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.

OUTSIDE PANEL · 410 × 33 × 57 MM

● 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.



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-220 is fully automatic. When it recognises you, the lock opens by itself. No key and no handle to turn.

01 • Verify



Face, finger, code, card or app

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

02 • Self-opening



The bolts draw back

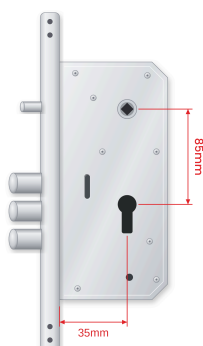
The lock opens by itself.

03 • Walk in



Push the door

And you are home.



3585 lock body

AUTOMATIC • 3585 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.

35 MM BACKSET • 85 MM CENTRE DISTANCE

● 85 SERIES • FOR SPECIAL DOORS

Three locking points. One smart lock.

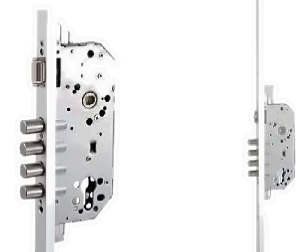
The TL-220 is part of the Spark 85 series, made for doors with three locks that work together: top, middle and bottom. It fits the 3585 lock body: 35 mm from the faceplate to the cylinder, 85 mm between the handle spindle and the cylinder.

THREE LOCKS WORK TOGETHER

TOP



MIDDLE



BOTTOM



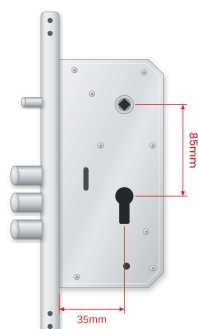
THE LOCK BODY



3585 SIZING

35 mm backset
85 mm centre distance

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



3585 lock body

85-SERIES LOCK BODY • REAL HARDWARE • 3585 SIZING DIAGRAM IN MM

BACKSET

35 mm

CENTRE DISTANCE

85 mm

SERIES

85

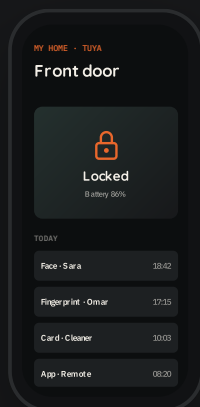
EIGHT THINGS IN ONE LOCK

Your door, quietly intelligent.

-  **Tuya Wi-Fi**
In the Tuya app.
-  **Automatic**
Motor-driven bolts.
-  **5 ways in**
Face, 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.
-  **IP67**
Waterproof.

SPECIFICATIONS

Model	Spark TL-220
Network	Tuya Wi-Fi
Unlocking	Face · fingerprint · password · card · app
Camera	Built in
Video	Video call · video surveillance
Operation	Fully automatic · self-opening
Battery	5000 mAh lithium
Material	Aluminium alloy
Front panel	410 × 33 × 57 mm
Rear panel	398 × 34 × 57 mm
Waterproof	IP67
Series	85 series · 3 locking points
Lock body	3585 · 35 × 85 mm
Backup	Mechanical key
Emergency power	Type-C port for a power bank
Door	85-series doors



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.