

Smart locks for glass doors · Tuya

LS-C83A Smart Lock

Smart lock for glass and framed doors: fingerprint, PIN code, RFID card, app and mechanical key.

Model: **LS-C83A**



Available finishes: Black.

Overview

For frameless glass doors as well as single, double, left- and right-hand doors. Unlocking with fingerprint, PIN code, RFID card (13.56 MHz), mechanical key or mobile app.

Very simple installation: no drilling is needed, so the lock can be fitted on frameless glass doors. Emergency power via USB-C opens the door if the batteries run flat or the power fails.

Key functions

Five ways in

Fingerprint, PIN code, RFID card (13.56 MHz), mechanical key or mobile app.

No drilling

Fits frameless glass doors as well as single, double, left- and right-hand doors.

Doorbell and voice alarm

Built-in doorbell: just press #. Real-time voice alarm.

Smart lockout

After five wrong passwords in a row the lock raises an alarm and locks for three minutes.

Emergency power

A USB-C connector lets you open the door if the batteries run flat or the power fails.

Fast recognition

Fingerprint read in ≤ 0.3 s; false acceptance rate $\leq 0.001\%$.

Specifications

Model	LS-C83A
Unlocking	Fingerprint, PIN code, RFID card, mechanical key, mobile app
Fingerprint read speed	≤ 0.3 s
FAR	≤ 0.001%
FRR	≤ 1%
Static power consumption	≤ 120 µA
Fingerprint sensor	FPC 160 × 160
Card type	MIFARE 1K
Storage capacity	100 fingerprints, 150 PIN codes, 200 cards
Power supply	4 × AAA batteries (6 V)
Emergency power	USB-C
Operating temperature	-25...+65 °C
Weight	Approx. 1.25 kg
Door opening	Push or pull
Suitable doors	Glass doors, aluminium framed doors, wooden doors
Material	Aluminium alloy with plastic housing
Door specification	Frameless glass doors 8–12 mm thick (for 8 mm glass, fit thicker packing plates); framed doors 40–70 mm thick (door gap 3–10 mm)
Colours	Black



Dimensions in mm.

How it works

Unlocking from the mobile app as well as on the lock itself: fingerprint, PIN code, RFID card or mechanical key.

Ordering

- Available in the SPACE online shop: portal.spacebms.com.
- For larger projects we prepare an individual quote.
- Installation and commissioning by SPACE or an authorised installer.

Contact and orders

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