

ACSTTB20F

ELEKTRONIC CABINET LOCK

This smart cabinet lock combines a robust aluminum alloy construction with advanced access control features.

It consists of an external panel with a touch keypad and fingerprint reader and an internal panel with a deadlatch security mechanism (resistant to picking). The lock is designed for easy integration into smart homes and offices thanks to support for Tuya and TTLock applications, which allow remote access management and real-time history monitoring.

It is used in administrative buildings, offices, fitness centers, schools, hospitals, but also in modern homes. It is designed for drawers, cabinets, lockers and other furniture elements with a material thickness of 9–22 mm (wooden), 0–9 mm (metal).

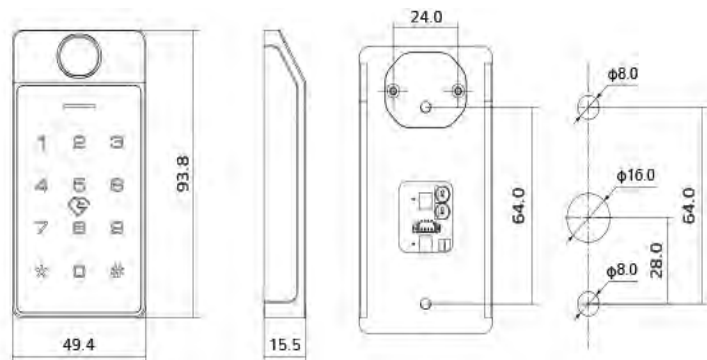


FEATURES

- : High security - the lock is equipped with a "Pickproof" mechanism, which is resistant to picking and unauthorized manipulation.
- : Warning alarm system - an integrated alarm will warn of an attempt to forcefully enter the cabinet and also of a low battery level (when the voltage drops below 3.8 V).
- : Long battery life - on 3 pieces of AA alkaline batteries, the lock will operate for approximately one year under normal use.
- : Emergency power supply - if the batteries are completely discharged, the lock can be powered externally via the USB-C port, which will prevent access from being blocked.
- : Universal installation - it is suitable for a wide range of furniture from drawers to single- and double-leaf cabinets, with both wooden (9-22 mm) / metal (0-9 mm) doors.
- : Multiple unlocking methods: mobile app (TTLock / Tuya), PIN password, RFID card (M1), fingerprint.
- : Easy management - possibility to set timer for automatic unlocking (optional) and access management via smartphone - possibility to distribute digital keys and track history (who unlocked and when) via Tuya or TTLock apps.

TECHNICAL SPECIFICATIONS

Material: Aluminum alloy
Color: Black/Silver
Dimensions (Front Panel): 93.8×49.40×15.5mm
Dimensions (Rear Panel): 122.8×65×22.8mm
Door Thickness (Wooden): 9-22mm
Door Thickness (Metal): 0-9mm
Lock Body: ST01
Password Capacity: 250 Groups (TTLock)/ 50 Groups (Tuya)
Card Capacity: 1000 Cards (TTLock)/ 50 Cards (Tuya)
Capacity (No App Version):
Passwords: 51 (1 Admin + 50 User), Cards: 103 Fingerprint
Capacity: 100 Fingerprints
Card Type: M1 Card
Card Reading Distance: 0-20mm
Power Supply: 3× AA Alkaline Batteries
Backup Power supply: USB-C emergency port
Low battery warning: 3.8V ± 0.2V
Static current: < 35µA
Dynamic current: < 120mA
Working temperature: -20°C to 55°C
Working humidity: 10% - 85% RH



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Update: 6/2026 | ACS Solution s.r.o. Specifications are subject to change without notice. Note: The colors of the images in this brochure may differ from the actual colors.