

ACS TTA820

ELEKTRONIC CABINET LOCK

Our new standalone cabinet lock ACS TTA820 from the product portfolio of electronic cabinet locks represents an **elegant and secure** solution for controlling access to storage spaces. It supports opening via mobile application (TTLOCK/TUYA), PIN password, RFID card, NFC.

This smart lock will impress you with its **modern design, high reliability** and **durable** aluminum alloy construction. It is an ideal choice for those looking for a combination of **security** and user **comfort** without the need to carry classic sets of keys.

It is used in **administrative buildings, offices, fitness centers, schools, hospitals**, but also in **modern homes**. It is designed for drawers, cabinets, wardrobes (lockers) and other furniture elements with material thickness: 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 last 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) and metal (0-9 mm) doors.

:Multiple unlocking methods: mobile app (TTLock / Tuya), numeric password, RFID card (M1), NFC (smartphone, Apple Watch).

:Two operating modes - private mode (for regular users) and public mode (for one-time use, after unlocking the code/card is reset for the next user).

:Increased security: tamper-resistant mechanism and built-in alarms (in case of forced entry or low battery).

:Easy management - the ability to set a timer for automatic unlocking (optional) and manage access via smartphone.



TECHNICAL SPECIFICATIONS

Material: Aluminum alloy

Color: Black/Silver

Dimensions (Front Panel): 93.8×50×21.5mm

Dimensions (Rear Panel): 122.8×65×22.8mm

Door Thickness (Wooden): 9–22mm

Door Thickness (Metal): 0–9mm

Lock Body: ST01

Password Capacity (TTLock): 250 Groups

Password Capacity (Tuya): 50 Groups

Card Capacity (TTLock): 1000 Cards

Card Capacity (Tuya): 50 Cards

Capacity (No App Version):

Passwords: 51 (1 Admin + 50 User), **Cards:** 103 Card

Type: M1 Card

Card Reading Distance: 0–20mm

Power Supply: 3× AA Alkaline Batteries

Backup Power: USB-C Emergency port

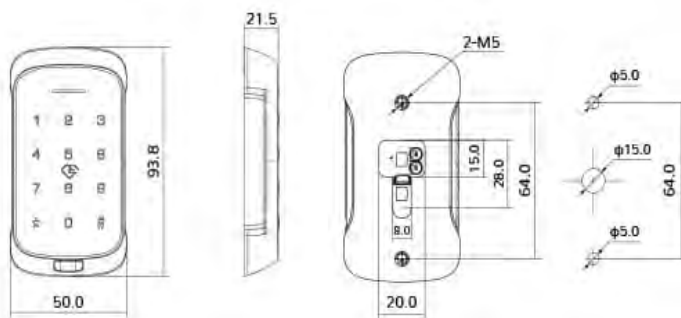
Low battery warning: 3.8V ± 0.2V

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.