



ArdanShield

SMART ACCESS / USER MANUAL

AccessCore™

Installation & user guide



Simple access. Clear control.

Installation • Setup • Everyday use



Your guide

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Meet AccessCore



AccessCore secures a cabinet or locker using a PIN, fingerprint, registered card or TTLock app access.

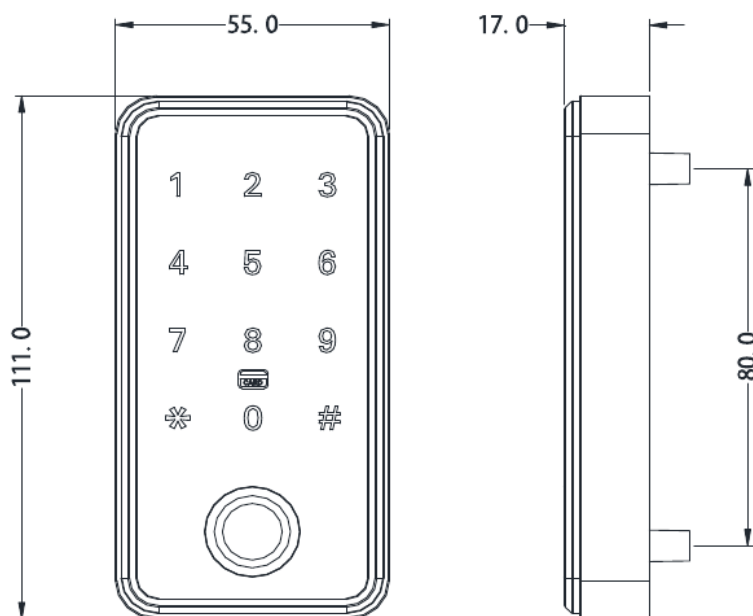
Read the confirmation key correctly

In this guide, # means the **key-shaped button at the lower right** of the keypad. The star key is written as *.

Control	Use
Keypad	Enter a PIN or local command, then confirm with #.
Card area	Present the registered card to the marked reader.
Fingerprint reader	Place an enrolled finger on the circular sensor.



Prepare the cabinet



Dimension	Value
Outside panel	55mm wide × 111mm high × 17mm deep.
Fixing centres	80mm apart.
Centre opening	20mm diameter.
Upper and lower openings	10mm diameter, each 40mm from the centre.
Edge offset shown	58mm in the illustrated right-opening arrangement.

Use the actual lock, strike and cabinet construction to check alignment before drilling. This page is a dimension reference, not a full-size drilling template.



Fit the reader & lock case

- 1 Keep the cabinet open. Make the centre cable opening and two fixing openings in the checked positions.
- 2 Feed the reader cable through the centre opening and pass its fixing posts through the smaller holes.
- 3 Connect the reader cable to the lock-case circuit board. Position the case inside, with its locking bolt towards the cabinet edge.
- 4 Secure the reader and case with the two supplied 4 × 25mm screws. Do not trap the cable.
- 5 Fit four alkaline batteries of the size marked in the compartment, observing polarity. Refit the cover with its FA3 × 8 screw.
- 6 Align the spring-loaded strike / ejector on the cabinet wall and secure it with the three 4 × 16mm screws.

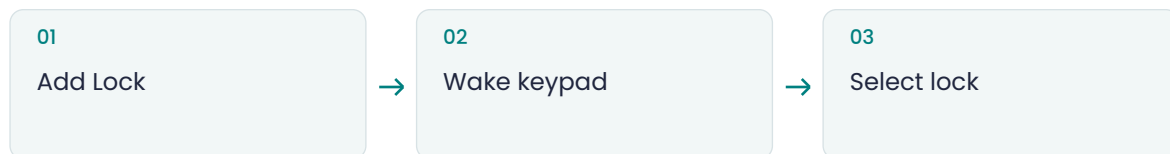
Test alignment first

Operate the lock with the cabinet open, then close gently and test release. The bolt and strike must align without pressure or binding.



Connect to TTLock

IN TTLOCK / PAIR ACCESSCORE



- 1 Install TTLock, create an account and enable Bluetooth and nearby-device permissions.
- 2 With no administrator set, wake the keypad. At the prompt to add a Bluetooth administrator, add the nearby lock in TTLock.
- 3 Name it for the cabinet or locker and complete addition. The pairing account becomes the primary mobile administrator.
- 4 Test app unlocking and enrol your own access before closing the cabinet.

Pairing after a local administrator is set

Enter ***83# administrator PIN #** at the lock to reopen mobile-administrator addition. Complete pairing in the intended TTLock account.

Changing the primary account

Adding the lock to a new primary account removes it from the previous primary account. Only one primary mobile administrator can own this lock.



Administrator PIN

App-managed setup

When you manage AccessCore through TTLock, separate keypad administrator setup is not required. In the app, use **Settings / Basic Information / Administrator Unlock Password** to view or change the administrator PIN while beside the lock.

Set an administrator without the app

When no administrator PIN and no mobile administrator exist, enter:

First local administrator

*12# 123456 # new administrator PIN # same new PIN #

Change the administrator at the keypad

Change local administrator PIN

*12# current administrator PIN # new administrator PIN # same new PIN #

Keep the administrator PIN private. It authorises local programming and bulk deletion commands.



Create & share PINs

Create a PIN in TTLock

Open AccessCore, choose Passcodes / Get Password and select the type. For a custom PIN, choose Custom, set the validity period, select Set Password and enter the PIN while beside the lock.

PIN type	Use
Permanent	Ongoing access, subject to the app's activation instructions.
Timed	Access within the selected period.
One-time	One use within the displayed validity window.
Recurring	Access during a repeating schedule.
Clear	Deletes effective passcodes; this is an administrative action.

Add a PIN at the keypad

Enter ***80# administrator PIN # new PIN # same new PIN #**. After success, continue adding or press * / wait for timeout to exit.

Credentials added locally can be uploaded through the app's data-management function. Keep a private record of who uses each PIN.



Change & delete PINs

Task	Action
Edit a PIN in TTLock	Open Passcodes, select the record, edit its password and save beside the lock.
Rename a PIN	Open its record / Name, enter the new name and save.
Change its validity	Open its record / Validity Period, set the dates and save beside the lock.
Delete one PIN	Open its record and choose Delete beside the lock.

Change a normal PIN at the keypad

Enter ***10# original PIN # new PIN # same new PIN #**. For an administrator PIN, use ***12#** instead.

Delete every ordinary unlock PIN

Bulk deletion

Enter ***71# administrator PIN #**. This deletes ordinary unlock PINs while retaining the administrator PIN. Use individual deletion when only one person's access should end.



Cards & fingerprints

Task	In TTLock, beside the lock
Add a card	IC Cards / Add IC Card. Enter a name and validity, confirm, then present the card.
Add a fingerprint	Fingerprints / Add Fingerprint. Enter a name and validity, choose Next / Start Adding, then scan as prompted.
Rename	Open the credential record and edit its name.
Change validity	Open the credential record, change the validity or expiry and save.
Delete	Open the credential record and select Delete.

Local enrolment

Enter ***80# administrator PIN #**, then present the card or scan the finger as prompted. Continue enrolling after success, or press ***** / wait for timeout to exit. Upload locally added credentials through the app's data-management function.

Bulk deletion

- *69# administrator PIN #** deletes all cards.
- *70# administrator PIN #** deletes all fingerprints.



App keys & optional remote

Share app access

In TTLock, choose **Send eKey** and enter the recipient's account. Select the required validity. Use authorised-administrator rights only when the recipient needs to manage access.

Add an optional remote control

- 1 Open Remote Control in TTLock and choose Add.
- 2 Enter a name and select permanent, timed or recurring validity. Confirm.
- 3 Hold the remote's lock button for about 5 seconds to register it.

To rename, change validity or delete a remote, open its record in Remote Control. Make validity changes beside the lock.

Optional accessory

Remote-control instructions apply only when your AccessCore supports and is supplied with the compatible remote. They do not refer to remote internet opening.



Open & close the cabinet

Method	Action
PIN	Enter the valid PIN and press the key-shaped # button.
Card / fingerprint	Present the enrolled card or finger.
TTLock	Tap the lock icon while connected beside the cabinet.
Touch to unlock	Enable the option in TTPass, open the app and touch the lock.
Optional remote	Press its unlock button.

Close and lock

The default automatic-lock delay is **5 seconds**. Close the cabinet fully and check that it is locked. In stay-open mode, or when the automatic delay exceeds 10 seconds, hold *** for about 3 seconds** to lock. You can also hold the app lock icon while connected, or use the optional remote's lock button.

Temporary stay-open mode

After unlocking and before relocking, enter **123#** to keep the lock open temporarily. When finished, use the manual locking action and check that the cabinet is secure.



Settings & activity

Task	Action
Automatic locking on	*21# administrator PIN # delay in seconds #. Choose 1–900 seconds.
Automatic locking off	*20# administrator PIN #.
English voice	*39# administrator PIN #2#. Before an administrator is set, use 123456 in its place.
Sound off / on	*30# administrator PIN #0# for off; replace 0 with 1 for on.
Clock	In TTLock, open Lock Time / Calibration Time, or unlock once through the app to synchronise.
Firmware	Settings / Lock Upgrade. Stay beside the lock during the update.

View records

Open Operation Record in TTLock, or open an individual credential's record. Without a gateway, unlock through the app to upload locally stored card and PIN activity before reviewing it.



PIN privacy & low battery

Masked PIN entry

Extra digits may be placed before or after the correct PIN. Keep the complete entry within **16 digits**, with the correct PIN included as one continuous sequence.

Incorrect attempts

Five consecutive failed PIN, card or fingerprint attempts, counted together, cause a **2-minute keypad lockout**. Wait for it to end. An app unlock can release the keypad lockout.

Low-battery warning

Below **4.8V**, the lock announces low battery and the backlight flashes briefly. Replace the full set of batteries promptly, matching the compartment markings and polarity.

Star key controls

During PIN entry, * removes the last digit. After clearing the entry, * can leave add mode. After all digits have been cleared, pressing * three more times turns the screen off.



Reset & remove the owner

All access becomes invalid

A factory reset clears stored access and administrator setup. Keep the cabinet open and plan to enrol the new owner and credentials immediately.

Reset at the lock

- 1 Press and hold the reset button until the lock requests the initialisation password.
- 2 Enter 000 and press the key-shaped # button.
- 3 Wait for completion, then set up the administrator again.

Remove the mobile administrator

In TTLock, open AccessCore / Settings / Delete and enter the account password when prompted. Removing the administrator through the app restores factory settings and invalidates previously added fingerprints, PINs and cards.

Test the new setup before placing valuables inside or closing the cabinet.



Technical reference

Item	Value
Connection	Bluetooth 5.0.
Custom and permanent PINs	Up to 250.
Cards	Up to 1,000 MIFARE M1 cards.
Fingerprints	Up to 100.
Typical opening time	Approximately 1.5 seconds.
Operating temperature	-20°C to 60°C.
Low-battery threshold	4.8V.
Automatic lock delay	1-900 seconds; 5 seconds by default.

Generated dynamic PINs do not use the same storage limit as custom and permanent PINs. Follow TTLock's displayed validity and activation rules.

Power care

Use four fresh alkaline batteries matching the compartment markings. Keep the cable, contacts and electronics dry; remove batteries during prolonged storage.



Care & support

Keep it working well

Clean the exterior with a soft, dry cloth. Keep liquid, cleaning sprays and abrasive products away from the keypad, sensor and electrical connections.

Keep administrator access private. Replace compromised credentials promptly and remove access that is no longer needed.

If you need help

Contact ArdanShield through the website with your product name, order number and a description of the issue. A photograph of the installation or the message shown can help. Never send your administrator PIN, account password or verification codes.

Visit [ArdanShield support](#)

Before closing up

After any installation or access-setting change, test operation with the door or compartment open. Then close it and check that it is secure.