



ArdanShield

SMART ACCESS / USER MANUAL

AccessPoint™

Installation & user guide



Simple access. Clear control.

Installation • Setup • Everyday use



Your guide

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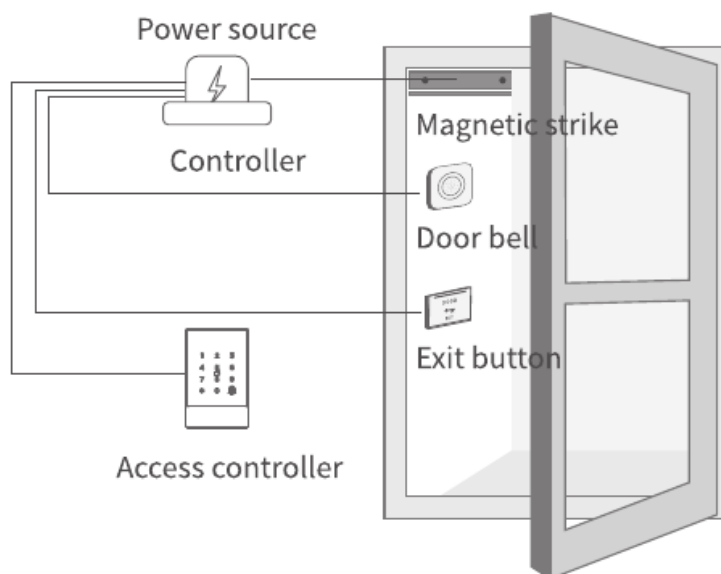
Meet AccessPoint



AccessPoint controls an electrically operated door lock. Use TTLock, a registered card or a PIN. Fingerprint and QR-code functions apply only to versions fitted with the corresponding reader.

Item	Details
Size	80mm wide × 126mm high × 19mm deep.
Supply	DC 12–24V controller supply; the wiring example uses 12V.
Network	2.4GHz Wi-Fi; 5GHz networks are not supported.
Capacity	Up to 20,000 cards and 500 PINs; up to 100 fingerprints on the fingerprint version.
Operating temperature	–20°C to 70°C.

Plan & mount the controller



- 1 Have the controller, electric lock, power supply and exit equipment fitted by a competent access-control installer. Isolate power before wiring.
- 2 Choose a position and make the cable opening. Check for concealed services before drilling.
- 3 Remove the mounting plate from the controller and secure it with four suitable fixings.
- 4 Route and connect the leads. Hook the controller onto the plate and secure its bottom retaining screw.

Check the complete door system

Match the lock and supply ratings, and test the exit button and the required means of leaving the building. Controller installation alone does not establish suitability for a particular door.



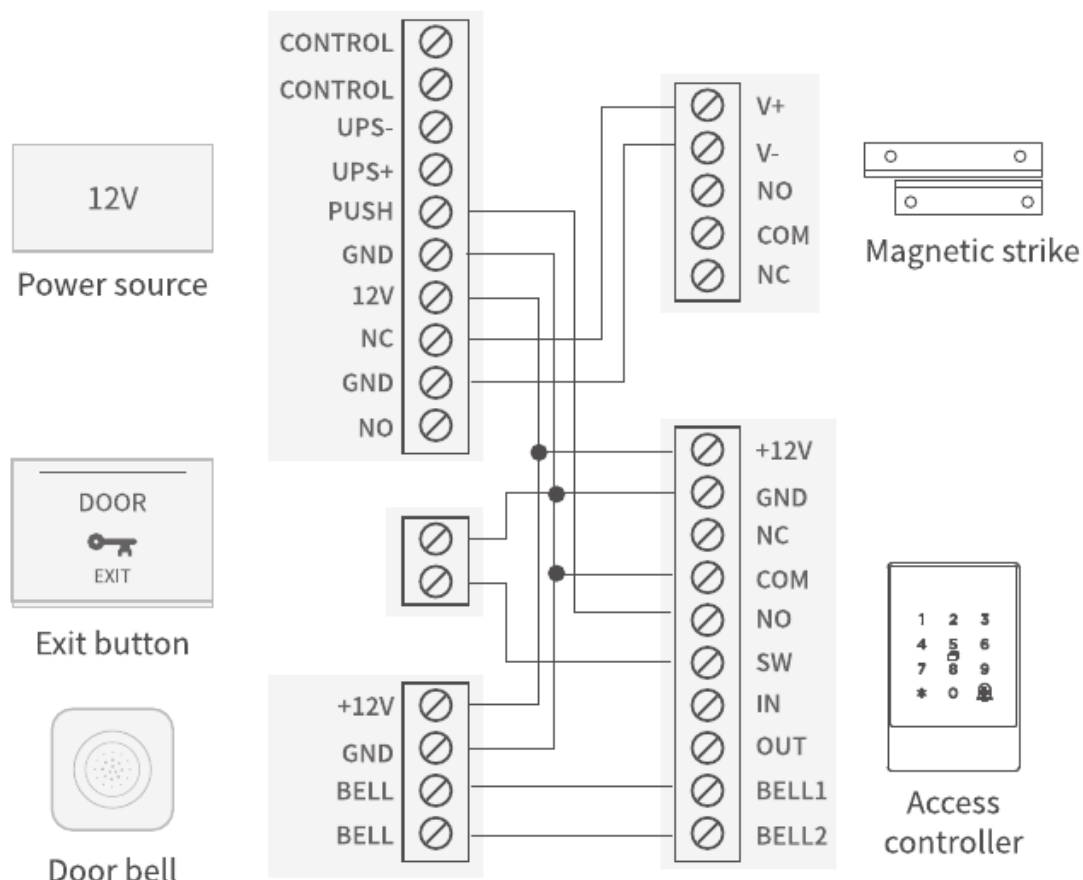
Wire identification

Colour	Label	Connection
Red	12V+	Positive supply in the 12V example.
Black	GND	Supply ground.
Orange	NC	Normally closed relay contact.
Yellow	COM	Relay common.
Green	NO	Normally open relay contact.
Blue	SW	Switch / control connection.
Purple	IN	Input connection.
White	OUT	Output connection.
Grey	BELL1	Doorbell connection.
Brown	BELL2	Doorbell connection.

Installer connection check

Use the lead labels as well as colour. Match the relay arrangement to the electric lock and power supply. Insulate unused conductors separately. Do not connect mains voltage directly to the controller.

12V wiring example



Controller, access-control power supply, magnetic lock, exit button and doorbell.

This example uses a 12V access-control supply with PUSH and relay terminals. Your installer must match the actual supply and lock connections before applying power.

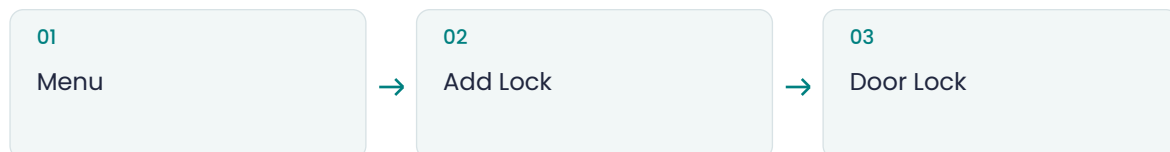
Test before handover

Check that a valid credential operates the lock, an invalid credential is rejected, the doorbell works and the exit button releases the door. Confirm the required behaviour if power is lost.



Connect to TTLock

IN TTLOCK / ADD THE CONTROLLER



- 1 Install TTLock on your phone and create or sign in to your account. Enable Bluetooth and the permissions requested for nearby-device discovery.
- 2 Stand beside AccessPoint and tap its keypad to wake it. In TTLock, open the menu, choose Add Lock, then Door Lock.
- 3 Select the controller shown nearby and complete addition. Give it a clear name.
- 4 When Configure Network appears, select your 2.4GHz Wi-Fi network, enter its password and save.

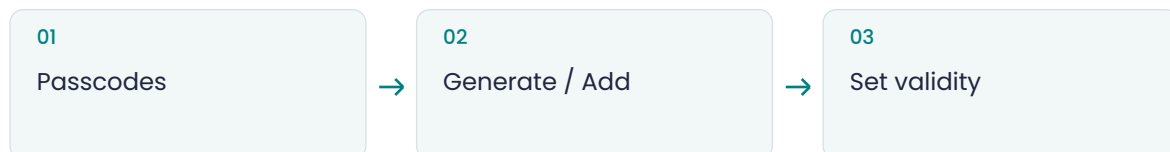
If discovery fails

Close and reopen TTLock and switch Bluetooth off and on. Wake the controller and try again nearby. For a controller already owned by another account, arrange the owner's authorised removal before pairing.



Give people access

IN TTLOCK / CREATE A PIN



Open AccessPoint in TTLock. Choose the credential type and give each person or visit a recognisable name. Set the available validity period before sharing.

Access type	What to do
PIN	Create the appropriate permanent, timed or one-time passcode. Follow the activation and expiry times displayed in TTLock.
IC card	Choose IC Cards / Add, set its name and validity, and present the card when prompted. Stay at the reader during enrolment.
Fingerprint version	Choose Fingerprints / Add and follow the scans shown in the app.
QR-reader version	Use the QR-code controls displayed for your reader and follow the app's validity settings.
App key	Use Send eKey to invite the intended TTLock account, with the appropriate validity period.



Daily use & management

Open the door

Present the registered card, or enter a valid PIN and press #. On equipped versions, use your registered fingerprint or valid QR code. For nearby app opening, select AccessPoint in TTLock and tap the unlock control.

Change or revoke access

Open the relevant passcode, card, fingerprint or eKey record in TTLock. Edit its name or validity, or delete it. Wait for a successful update and check the result at the controller.

Activity records

Open the controller's records in TTLock to review access activity. If information is out of date, reconnect near the controller and check its network connection.

Keypad backlight

Mode	Enter on the keypad
Always on	*49# administrator PIN #1#
Always off	*49# administrator PIN #0#

Before granting administrator rights

Only give administration access to someone who needs to manage the controller and its users. Share individual credentials rather than your account password.



Reset & reconnect

Installer-only reset

Resetting returns the controller to its default state. Arrange an authorised installer, keep another means of entry available and plan to restore access credentials afterwards.

The following low-voltage reset is performed with the controller powered. It uses **blue SW**, **purple IN** and **black GND** only.

- 1 Connect the blue SW lead to the purple IN lead.
- 2 Connect the joined SW and IN leads to black GND for 3 seconds.
- 3 Disconnect black GND when the beep sounds.
- 4 Repeat steps 2 and 3 twice more, until two short beeps confirm the reset.
- 5 Restore the normal wiring, insulate the connections and pair the controller again.

Use the exact leads

Do not substitute the white OUT lead for purple IN. Keep the supply positive lead clear of the reset connections.



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.