



ArdanShield

SMART ACCESS / USER MANUAL

RoomVault™

Installation & user guide



ArdanShield
SECURE YOUR SMARTER AND SAFER NETWORK

Simple access. Clear control.

Installation • Setup • Everyday use



Your guide

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Choose your controls



Use the instructions that match the controls on your RoomVault handle.

Version	Where to start
Keypad + fingerprint + card	Use the keypad setup, user management and network sections. The handle has numbered touch keys and a card-reading area.
Fingerprint-only	Use the fingerprint-only setup and mode sections. This version uses the setting button and indicator colours.

Keep the two procedures separate

The versions use different reset timings and stay-open controls. Follow only the procedure for your handle.



Fit the handle set

- 1 Check the front and rear handles, latch, strike plate, keys, spindle, connecting posts and screws. Match the latch and door preparation before fitting.
- 2 Set the handles for the door's opening direction; rotate 180° where required. Fit the latch and strike with their supplied screws.
- 3 Fit the grub screws and connecting posts to the front handle. Feed the cable through the hollow spindle, then seat the spindle in the handle.
- 4 Fit the front assembly through the door and latch. Keep the cable clear of moving parts.
- 5 Remove the rear battery cover. Feed the cable through the rear handle, engage the spindle and secure the front and rear handles with the two long connecting screws.

Before tightening

Check that both handles return freely and the latch retracts without rubbing. Do not tighten the assembly against trapped wiring.



Power & final fitting checks

- 1 Connect the front-handle cable to the rear connector, matching its orientation. Do not force the connector.
- 2 Fit the battery type marked in your handle's compartment, observing + and - polarity. Use fresh alkaline batteries.
- 3 Tuck excess wire into the cover space without pinching it, then refit and secure the battery cover.
- 4 With the door open, test the handles, latch and mechanical key. Complete administrator setup for your version.
- 5 Close the door, test the registered access and check that the latch engages the strike properly.

Fingerprint-only battery set

The fingerprint-only handle installation uses four AAA alkaline batteries. Follow the compartment markings for the keypad handle.

Keep the mechanical override key outside the locked room. The emergency power port is an access aid when normal batteries are depleted; it is not a charger for alkaline cells.



Keypad: first setup

- 1 Wake the keypad and press * followed by #.
- 2 When asked for administrator information in the initial state, enter 123456 and press #.
- 3 Choose 1 Administrator settings, then 1 Add administrator. Register your own fingerprint, PIN or card following the voice prompts.
- 4 Exit and test the new credential with the door open.

Main menu	Function
1	Administrator settings: add, delete or network setup.
2	User settings: add or delete an ordinary user.
3	System settings: voice, unlock mode, language and time.
4	Restore factory settings.

Use your own credentials

Replace the initial setup with your administrator access before everyday use. Later menu access requires administrator verification.



Keypad: people & settings

Add or delete access

Press * then # and verify as administrator. Choose **1 Administrator settings** or **2 User settings**, then **1 Add** or **2 Delete**. Follow the voice prompts for the relevant credential or user identity.

System setting	Route after administrator verification
Voice	3 System / 1 Voice / 1 On or 2 Off.
Unlock mode	3 System / 2 Unlock mode / 1 Single or 2 Combination.
English	3 System / 3 Language / 2 English.
Date and time	3 System / 4 Time. Enter year, month, day, hour and minutes as prompted.

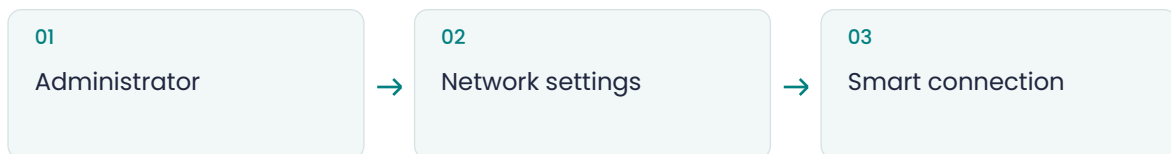
Combination mode

Complete the required credential checks before the handle will unlock. Test the chosen mode with the door open before leaving the room.



Keypad: connect the app

ON THE LOCK / CONNECT



- 1 Install Tuya Smart or Smart Life and create or sign in to your account.
- 2 At the handle, press * then #, verify as administrator and choose 1 Administrator settings / 3 Network settings.
- 3 Choose 2 Smart connection. In the app, add the matching door-lock connection type for your handle.
- 4 For the Wi-Fi version, select Door Lock (Wi-Fi), enter the 2.4GHz network password and confirm pairing mode. For the Bluetooth version, select Door Lock (Bluetooth) and keep the phone nearby.
- 5 Complete addition and test the functions displayed for the connected handle.

Use the matching connection type

Wi-Fi and Bluetooth are different versions. Select the type supplied with your RoomVault; available app functions depend on that version.



Keypad: daily modes & reset

Keep the door unlocked

After unlocking, enter **5 then # within 4 seconds** to select the stay-open function. Present a correct unlocking credential to cancel it, then check that the handle has returned to normal locking.

Inside anti-lock switch

If your handle has an anti-lock switch, move it upwards to engage privacy locking. Ordinary users cannot unlock in this state; an administrator can still unlock.

Restore factory settings

Keypad version only

A reset clears the configured access. Keep the door open and have the mechanical key available.

Press and hold the reset button for **6 seconds** until the reset prompt. Alternatively, open the administrator menu and choose **4 Restore factory settings**, following the confirmation prompts. Enrol your administrator again immediately.



Fingerprint-only: setup

The first three enrolled fingerprints are administrators. Later fingerprints are ordinary users. Keep the setting button accessible from the inside of the room.

Register the first fingerprint

- 1 Press and hold the setting button for 3 seconds until the blue light flashes.
- 2 Place and lift the same finger five times.
- 3 A steady green light confirms successful registration.

Register another fingerprint

- 1 Press the setting button until the blue light flashes.
- 2 Verify an administrator fingerprint once. The blue light becomes steady.
- 3 Scan the new finger five times, until the green light confirms success.

Build a reliable first setup

Use clean, dry fingers and test each enrolment. Choose the first three administrator fingerprints deliberately.



Fingerprint-only: daily use

Unlock

Place a registered finger on the sensor. Green indicates success; red indicates a failed attempt. The handle relocks after approximately **3 seconds**.

Stay-open mode

- 1 Press the stay-open button on the handle cover for 1 second.
- 2 When the pink light flashes, release the button. Green confirms that stay-open mode is active.
- 3 To leave stay-open mode, use a registered fingerprint or hold the button again for 1 second. Check that normal locking has resumed.

Delete all fingerprints

Fingerprint-only reset

This removes all administrator and user fingerprints. Keep the door open while resetting.

Press and hold the recessed setting button on the rear. The blue light flashes for about **9 seconds**, then changes to flashing red. Release the button; green indicates the reset has completed. Enrol administrators again.



Keypad model reference

Item	Details
Handle dimensions	145mm overall length × 65mm rose height.
Body material	Aluminium alloy.
Fingerprint sensor	Semiconductor.
Fingerprint capacity	Up to 100.
PIN capacity	Up to 100.
Operating voltage	4.5-6V.
Operating temperature	-25°C to 70°C.
Relative humidity	20%-90%.

These values apply to the keypad model. Use the controls and battery markings on your own handle when setting up the fingerprint-only version.

Emergency access

Keep the mechanical key somewhere accessible. If the handle has no power, use the key or its emergency power connection to regain access, then replace the normal batteries.



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 your emergency key in a secure, accessible place outside the locked area. 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, battery change or access-setting change, test operation with the door or compartment open. Then close it and check that it is secure.