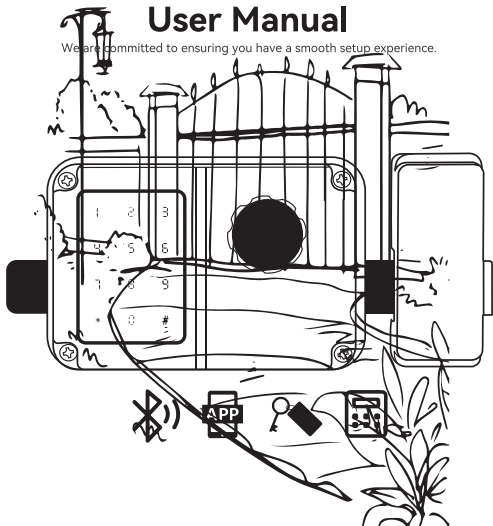


OUTDOOR GATE SMART BOLT

User Manual

We are committed to ensuring you have a smooth setup experience.



Scannen Sie den QR-Code, um das Benutzerhandbuch in Ihrer Sprache anzuzeigen.



Scannez le code QR pour consulter le guide de l'utilisateur dans votre langue.



Escanee el código QR para ver la guía del usuario en su idioma.



Scansionare il codice QR per visualizzare la Guida dell'utente nella propria lingua.



4V-6V



30 ADMINITRATORS
+ 300 REGULAR USERS



IP65



Installation Guide

Tools Needed



1 Measure Door Width

If the door is thinner than 55mm or thicker than 35mm, then the bolt will not fit properly on the door.



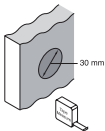
2 Take out the Hole Drilling Position Drawing included in the package for Backset

Use a pencil to mark the size of the holes by referring to the drawing, and get ready for drilling.



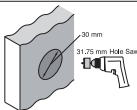
3 Measure Hole Sizes

If hole sizes are larger than those shown, then the lock will not fit properly on the door.
If hole sizes are smaller than those shown, see steps 4 and 5.



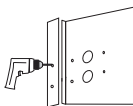
4 If Needed, Enlarge Hole in Door

If hole in door is smaller than 30 mm, then use 31.75 mm hole saw to enlarge hole.



5 Drill Holes

If the hole in the door is smaller than 30 mm, use a 31.75 mm hole saw to complete the drilling.



6 Only 10 Minutes –

You Can Obtain A Convenient & Durable Smart Door Bolt.

Please scan the QR code to access the installation video.



WHAT'S IN THE BOX



Smart Bolt Set



Cards



Emergency Keys



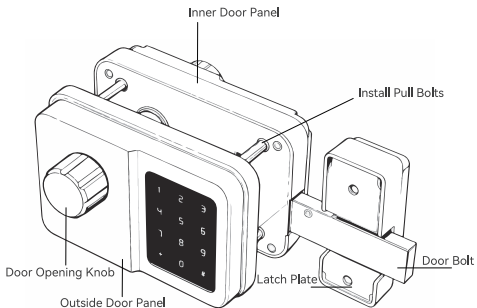
Self-tapping screws



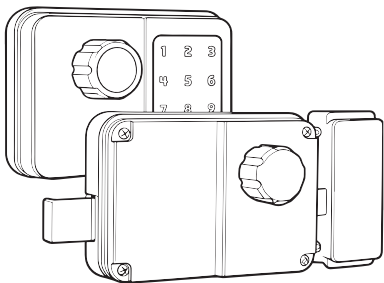
Mobile Stickers



Hole Drilling Position Drawing

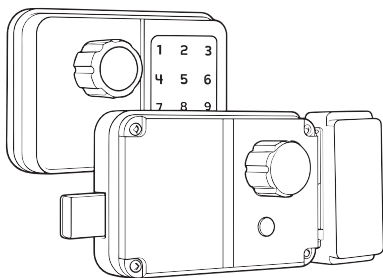


DS-500 Single Unit Model (Manual, Inner Door Rotation Open)



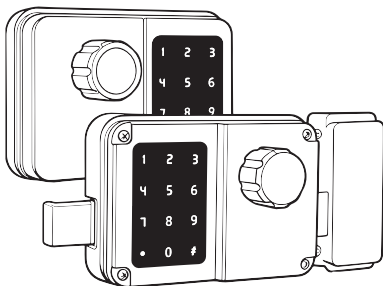
- Screen-free compact structure, flexible installation & no screen failure risk
- Mechanical inner door rotation open, power-independent (works without electricity)

DS-510 Single Screen Model (Semi-Automatic, Inner Door Button Open)



- Single-screen streamlined design, intuitive operation
- Semi-automatic inner door button open, one-touch convenience

DS-520 Dual Screen Model (Full Automatic, Inner Door Multi-function Same as Outer Door)



- Dual-screen interactive design, independent control for inner/outer doors
- Consistent full-automatic multi-access for both doors

INSTALLING BATTERIES



- Unscrew the battery compartment screw and pull out the battery compartment as shown.
- Install CR123A*2 batteries, attach the battery compartment, and tighten the battery compartment screw.



POWER SUPPLY & OPERATING ENVIRONMENT

Battery Specification	CR123A*2 *Lithium Manganese Batteries, CR123A marked on the package
Battery Endurance	Up to 24 Months *Unlock 10 times a Day
Working Temperature	-4°F to 131°F (-20°C to 55°C).
Note: CR123A batteries hold charge better and last longer even in colder environments.	

TECHNICAL PARAMETERS

Product Name	Smart Bolt DS-500	Smart Bolt DS-510	Smart Bolt DS-520
Passcode	Single-sided	Single-sided	Double-sided
Card & Key	Yes		
Bluetooth	Yes		
User Capacity	10 Administrators, 240 Regular Users		
Material	Aluminum Alloy & Steel		
Protection Class	IP 65		
Optional	Silver & Space Grey		

INSTRUCTIONS

1. Permission Settings

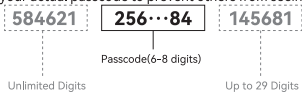
- Please select the corresponding smart bolt on the app and connect it. Follow the prompts to manage members and passcodes.
- You are able to manage the corresponding passcodes, permissions of members after selecting them:
 - a) Add first admin: Wake up lock panel, press * then #. Enter 6-8 digit admin password and press # to enter admin menu;
 - b) Access admin menu: Wake up panel, press * + #. Verify via existing admin password or card to enter;
 - c) Add admin password: In menu, press 1→1. Enter new 6-8 digit password (no overlap with existing), press #. Re-enter and press # to confirm;
 - d) Add admin card: Menu → press 1→1 → place card on reader → wait for success prompt;
 - e) Add user password: Admin menu → press 1→2 → enter new unique password → press # → re-enter → # to confirm (wait for success prompt & user ID);
 - f) Add user card: Admin menu → press 1→2 → place card on reader → wait for success prompt & user ID;
 - g) Verify & Delete User: Admin menu → 1→1 → Enter target password/place card → confirm user ID → delete. (Excludes the admin used for menu access.);
 - h) Delete User by ID: Admin menu → 1→2 → Enter target user ID → delete. (Excludes the admin used for menu access.)

2. App Management

- For Bluetooth access, keep your smartphone within 5 meters of the smart bolt and ensure Bluetooth and smart bolt are connected.
- Walls and other barriers affect the Bluetooth range by barriers such as walls, especially metal ones. At the same time, Bluetooth connectivity may be impacted by interference from other wireless devices or electromagnetic sources in the vicinity, These effects can be reduced by being closer to smart bolt.

3. Anti-Peep Keypad

- A security feature that allows you to enter random numbers before or after your actual passcode to prevent others from seeing your passcode.



4. Low Battery Alarm

- It starts alarming when the voltage is 4.2V. Unlocking is disabled once the voltage drops to 3.3V, with approximately 100 low-battery alerts in total.

5. Volume Adjustment

- Enter the Administrator Menu, select "3 - System Settings", then select "2 - Function Settings".
- Press the number key "2" to switch the lock volume (factory default: High Volume). Note: The doorbell sound remains active in Mute Mode, and the voice prompt for entering the Administrator Menu will be low volume.

6. Restoring Factory Settings

Method 1:

- Enter the Administrator Menu, select "3 - System Settings", then select "3 - Restore Factory Settings".
- Press "#" to confirm the restoration.

Method 2:

- Long-press the yellow reset button inside the outdoor panel for 5 seconds. Wait for the voice prompt, then press "#" to complete the factory reset.

RECORD YOUR CODES



SECURITY

Remember to change your codes periodically for extra security!

PROGRAMMING CODE					

User Codes



• Up to 19 User Codes can be stored in the lock at one time.

[illegible]

APP INSTRUCTIONS

App Download

Search and Download “Tuya” on:



Apple and the Apple logo are trademarks of Apple



Google Play and the Google Play logo are trademarks of Google Inc.



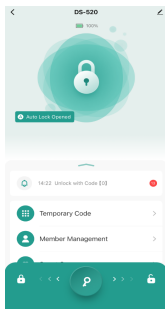
Tuya



Or scan this QR passcode to download the app.

APP Bluetooth Unlocking

After the mobile APP is connected to the lock via Bluetooth, a slidable unlock icon will appear at the bottom of the APP control page. Slide the key icon to unlock the door via Bluetooth.



Temporary Password

After the device is bound to the APP, the admin account does not need to connect to the lock via Bluetooth. On the APP control page, select "Temporary Password" (no device connection required to obtain the temporary password). The temporary password can be used to open the door normally within the limited time; it will become invalid after the time limit.



Adding a Password via APP

Connect the APP to the lock via Bluetooth.

Select "Member Management", choose the member for whom you want to add a password.

Tap the "+" icon below the "Password List", enter an 8-digit password, and tap "Save" in the upper right corner.

Wait for the synchronization to complete; the password can then be used to unlock the door.

Adding a Card via APP

Connect the APP to the lock via Bluetooth.

Select "Member Management", choose the member for whom you want to add a card.

Tap the "+" icon below the "Card List", tap "Start Adding", and wait for the lock to sound a prompt.

Place the card to be added on the lock's card-reading area to complete the addition.

Adjusting the Re-locking Time

Wake up the lock, press "888#". Note: If an admin has been added, enter the admin password and press "#" to confirm after pressing "888#".

Enter a value between 4002 and 4300 to set the waiting time after unlocking.

FAQ of the App

How to become an owner?

1. Open the app and select "Me-Home Management-Select the family to be operated-Transfer Home Ownership" in the lower right corner.
2. Only the current home owner can perform this operation.
3. If you do not find the option to "Transfer Home Ownership", please contact the person who created the family.

Can I access my account from a different device?

1. Use the phone number associated with your account.
2. Use the email associated with your account.

Troubleshooting Connection Issues to the smart bolt?

1. Please check whether the Bluetooth of your phone is turned on.
2. Ensure Bluetooth access is enabled for the app.
3. Please shorten the distance to improve the Bluetooth signal or ensure no obstruction between your phone and the lock bolt.

What do I do if the App crashes?

If the app becomes unresponsive, force close the application and restart it completely, reopening, and reconnecting to the lock bolt.

How to manage family with the App?

1. Select "Me" in the lower right corner.
2. Select "Home Management" to create a new family/join a new family/delete the original family.

NOTE: If you are the family owner after you remove the family, the family disappears, and added devices are reset.

How to move the added device to the specified room?

1. Open the app and Select the Options menu (indicated by three dots) in the upper right corner and select "Room Management".
2. Select the room, and enter the room setting, where you can add devices that are not in this room.
3. After selecting, select the "Save" button.

Why did a device disappear from the App?

1. The device owner removed you, contact the owner to re-add you.
2. The device has been reset, you will need to complete the setup flow in the app again.

What to do if the upgrade firmware fails using the App?

1. It is recommended to change to a more stable network environment or use WiFi to try to upgrade again.
2. When upgrading the firmware, the app needs to be running all the time.
3. During the firmware upgrade process, keep the distance between the phone and the device within 5 meters.

What to do if I don't receive the App reminders?

1. Open the app and select "Me" in the lower right corner.
2. Navigate to Settings button via the icon.
3. Select the app Notification to set reception.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Radiation Exposure statement

The device has been evaluatec to meel general RF exposure requirement. The device can be used in portable exposure condition without restriction.