

Password Swipe Card Cabinet Lock

Operation Manual

—— M-2301-BT ——

一、Performance Parameter

Bluetooth standard	Bluetooth 5.0ble
Supported mobile phone systems	Android 4.3/IOS7.0 or above
power supply mode	DC6V alkaline battery(AA1.5V*4pcs)
Low voltage prompt	4.8V
voltage range	4.5-9V
Standby current	89 microamperes
operational current	Less than 200mA
operating temperature range	-20-70℃
Key type	Capacitive touch key
Number of passwords	Custom and permanent password: 250
	Other dynamic passwords: unlimited
Support card types	MIFARE M1 Card
Number of cards	1000
Unlocking mode	Password Lock: APP+ password+card
	Fingerprint Lock: APP+ password+card+fingerprint
Fingerprint capacity	100 (adjusted according to the actual use model)
FAR	<0.001%
FRR	<1.0%

二、Set administrator

(一) Restore factory settings

- 1、Press and hold the reset button on the back of the lock panel and hear "Please enter the initialization password".
- 2、Enter 000 → OK on the lock and hear "Administrator deleted successfully".
- 3、The lock will be restored to factory settings and all passwords, cards and mobile phone administrators will be cleared.

(二) Set the administrator password

- 1、When the administrator password is not set and the mobile phone administrator is not added.
- 2、Enter C → 12 → OK → 123456 → OK → the administrator password to be set (6-9 digits) → OK → enter the same password again → OK.

Note: This step does not need to be done when using mobile APP management.

(三) Add a mobile phone administrator

- 1、When the administrator password is not set and the mobile phone administrator is not added, touch the bright panel and hear "Please add a Bluetooth administrator" to add a door lock to the APP.
- 2、After setting the administrator password or adding the mobile phone administrator, you can enter the password of C → 83 → OK → administrator → OK on the lock, so that the lock can enter the mode of adding the mobile phone administrator again, and other APP accounts can be allowed to add this lock and become the new administrator.

Note: After the administrator is added to the new APP account, the lock under the previous account will be automatically deleted, that is, only one first-class mobile phone administrator is allowed.

(四) Modify the administrator password

Select the lock on the APP → click Settings → click Basic Information → Administrator Unlock Password → enter a new administrator password.

Note: Must be operated at the lock edge.

(五) Delete mobile phone administrator

Select the lock of the mobile phone administrator to be deleted in the APP, click [Settings], and click [Delete] to enter the account password.

Note: After the APP deletes the administrator, the lock will be restored to the factory settings, and all fingerprints, passwords and cards added before will be invalid.

(六) APP electronic key

Click "Send Key" on the APP to send an electronic key to other users, which can authorize other users and make him a second-level administrator.

三、Set user password

(一) Add password

- 1、On the APP, click [Password] → [Get Password] → Select Password Type [Custom] → Select Expiration Period → Enter the name and password (6-9 digits) to be added → Click [Set Password].

Note: The "custom" password must be operated at the lock edge.

- 2、Click [get password] on the APP → select the password type: permanent/limited time/single time/cycle/empty → click [get password].

Note: ① These types of passwords do not need to be operated at the lock edge

- ② Clear password is used to delete all passwords that have taken effect except the administrator password.

- 3、Enter C → 80 → OK in the lock → Administrator password → OK → Enter the new password (6-9 digits) to be added → OK → Enter the same password again → OK.

(二) Delete password

- 1、Click [password] on the APP → click the password to be deleted → click Delete.

Note: Must be operated at the lock edge.

- 2、Enter C → 71 → OK → administrator password → OK in the lock to delete all unlocking passwords (the administrator password cannot be deleted).
- 3、Enter C → 72 → OK → administrator password → OK in the lock to delete the specified password (the administrator password cannot be deleted).

(三) Modify password

- 1、Click [password] on the APP → click the password to be modified → click [password] → enter a new password.

Note: Must be operated at the lock edge.

- 2、Enter C → 10 → OK in the lock → Original password → OK → New password → OK → Same password → OK.

(四) Rename password

Click [password] on the APP → click the password to be renamed → click [name] → enter a new name.

(五) Modify the password validity period

Click [Password] on the APP → click the password whose expiration date needs to be modified
→ click [Expiration Date] → enter a new expiration date → click Save.

Note: Must be operated at the lock edge.

四、Setup card

(一) Add card

1、Click [Card] on the APP → click [Add card] → enter a name and select the expiration date
→ click [Confirm] → swipe the card.

Note: Must be operated at the lock edge.

2、Enter C → 80 → OK in the lock → enter the administrator password → OK → swipe the card.

Note: ① A card added to the lock, you can upload data in the APP settings, and upload the card to the APP for management.

② After the card is successfully added to the lock, you can continue to add other cards, or press the C key or wait for the timeout to exit the add mode.

(二) Delete card

1、Click [Card] on the APP → click the card to be deleted → click [Delete].

Note: Must be operated at the lock edge.

2、Enter C in the lock → 69 → OK → administrator password → OK → delete all Cards.

(三) Rename card

Click [Card] on the APP → click the Card to be renamed → click [name] → enter a new name.

(四) Modify the validity of the card

Click [Card] on the APP → click the Card whose validity period needs to be modified → click [validity period] → enter a new validity period → click Save.

Note: Must be operated at the lock edge.

五、Set fingerprints

(You need to select the fingerprint model to have the fingerprint function, and the password model has no fingerprint function.).

(一) Add fingerprints

Enter C → 80 → OK → enter the administrator password → OK → press your finger on the fingerprint collector several times according to the voice prompt.

Note:① Lock the fingerprints added directly, You can upload it to the APP through the upload data function in the APP and manage it.

② After adding fingerprints directly to the lock is successful, you can continue to add other fingerprints, or press the C key or wait for the timeout to exit the adding mode.

(二) Rename fingerprints

Click [Fingerprint] on the APP → click the fingerprint to be renamed → click the name → enter a new name.

(三) Modify the fingerprint validity period

Click [Fingerprint] on the APP → click the fingerprint whose expiration date needs to be modified → click the expiration date → enter a new expiration date → click Save.

Note:① Must be operated at the lock edge.

② After the validity period is set, the fingerprint can only be unlocked within the specified validity period.

(四) Delete fingerprints

1、Click [Fingerprint] on the APP → click the fingerprint to be deleted → click Delete.

Note: Must be operated at the lock edge.

2、Enter C in the lock → 70 → OK → management password → OK → delete all fingerprints..

六、Function introduction/setting

(一) Unlocking

1、Touch Unlock: When the APP opens Touch Unlock, open the APP and touch the door lock to unlock it.

2、Fingerprint unlocking: press the added finger on the fingerprint collector to unlock.
(Fingerprint Lock)

3、Card unlocking: put the added card into the swiping area to unlock.

4、Password unlocking: enter the unlocking password on the password keyboard and press the OK key to unlock.

(二) Locking

1、Automatic locking: the locking is set for 5 seconds, and it will automatically lock after 5 seconds of unlocking (except for temporary normal opening).

2、Key locking: In normally open mode or automatic locking for more than 10 seconds, press

and hold the C key for 3 seconds to lock.

3、APP locking: long press the lock icon on the APP to lock.

Note: Must be operated at the lock edge.

(三) Temporary normal opening

After unlocking (before locking), enter 123 → OK, and the lock will prompt "The lock has been normally opened". After unlocking again, the locked state will be restored after timeout. (Set automatic locking time).

(四) Check the unlocking record

Select the door lock on the APP and click [Operation Record] to view it.

Note: When there is no gateway, the unlocking record of Card/password can only be viewed after unlocking through APP.

(五) Virtual password

Enter in the lock, and other numbers can be added before and after the correct password. The total length of the virtual password is 16 digits.

(六) Low battery prompt

- 1、When the battery voltage is lower than 4.8V, touch the panel, and the voice prompts "Battery is insufficient, please replace the battery", and the screen backlight flashes quickly for 1 second.
- 2、Before unlocking the card/password, the voice prompts "Battery is insufficient, please replace the battery", and then unlock it.

(七) C key

- 1、In the process of entering the password, you can delete the last entered password number by pressing the C key once.
- 2、After deleting all, if you are adding to the mode, you can exit this mode. After deleting all the input numbers, press the C key three times, and the screen will go out.

(八) Open automatic locking

- 1、Enter C → 21 → OK → Administrator Password → OK → Auto Locking Seconds (1-900) → OK, and when you hear the voice prompt "Operation Successful", the lock will automatically lock after unlocking.
- 2、Through the APP [Settings] → [Automatic Locking], Set locking time.

(九) Close automatic locking

- 1、Enter C → 20 → OK → administrator password → OK to close the automatic locking.

- 2、Through the APP [Settings]→ [Automatic Locking],Close automatic locking

(十) System locking

- 1、If the unlocking password/card is entered incorrectly for 5 consecutive times (the three unlocking methods can be accumulated), the system will lock the password keyboard and prompt: "Illegal operation, the system has been locked". After a timeout of 2 minutes, the locked state will be released.
- 2、During the locking period, the keyboard can be unlocked by using the APP.

(十一) Firmware upgrade

The lock can be upgraded through the APP. Click [Settings] → [Lock Upgrade] on the APP to upgrade the new firmware of the lock.

Note:Must be operated at the lock edge.

(十二) Demonstration mode

The demo mode is turned off by default. When no administrator is added, enter 2456 OK on the lock to turn on the demo mode. After the demo mode is turned on, any card/password 123456 can be unlocked. After setting the administrator password or adding the mobile phone administrator, the demo mode will be automatically turned off.

(十三) Voice switching

- 1、Chinese voice:enter C →39 →OK→ administrator password →OK→1 →OK on the lock.
 - 2、English voice:enter C →39 →OK→ administrator password OK→2 →OK on the lock.
- Note:When no administrator is added, the administrator password is 123456.

(十四) Lock sound

- 1、[Settings] on the APP→ 【 Lock sound 】 Close and open the lock sound,When the lock sound is turned off and the key is touched, the screen will flash to remind the user that the key has been pressed.
- 2、Enter C →30 →OK on the lock→ Administrator password →OK→0 →OK, turn off the lock sound.
- 3、Enter C →30 →OK on the lock→ Administrator password →OK→1 →OK, turn on the lock sound.

(十五) Lock time

[Settings] on the APP→ Click [Lock Time],Check the clock.

Note:If the time is not allowed, you can click [Calibration Time] to calibrate, or use the APP to unlock the lock to calibrate the time once.

七、Download APP

Download [TTLock] through AppStore or Mobile App Store.

八、Installation opening diagram (mm)

