

# Aluminum Fingerprint Lock

## Instruction manual



EPORDO CHINA BIOMETRIC SOLUTION

# Bluetooth Versions operation manual

## lock operation

| function                             | operate                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|--------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. Reset                             | Long press the reset button on the lock, hear "please enter the initialization password", enter 000 #, the lock to restore the factory Settings, empty all passwords, cards and mobile phone administrators.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 2. Set administrator password        | <p>When the administrator password is not set, and the mobile phone administrator is not added, enter * 12 # 123456 # → Enter the administrator password # → Enter the same password # again.</p> <p><b>Note: This step does not need to be done when using the mobile App management.</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 3. Add mobile administrator          | <p>When there is no administrator password set and no mobile phone administrator added, touch the panel and hear "Please add Bluetooth administrator". Add the door lock on the app.</p> <p>After setting an administrator password or adding a mobile administrator, you can enter * 83 # administrator password # on the lock to enter the mode where mobile administrators can be added again. Other app accounts can be allowed to add this lock and become a new administrator.</p> <p><b>Note: After adding an administrator to the new app account, the lock under the previous account will be automatically deleted, which means only one first level mobile administrator is allowed to exist.</b></p> |
| 4. Modify the administrator password | <p>Select lock on the app → click on <b>【Settings】</b> → click on <b>【Basic Information】</b> → <b>【Administrator Unlock Password】</b> → enter a new administrator password.</p> <p><b>Note: You must operate on the edge of the lock.</b></p> <p>On the lock keyboard, enter * 12 # original administrator password # new administrator password # same new administrator password # to modify the administrator password.</p>                                                                                                                                                                                                                                                                                   |
| 5. Delete the mobile administrator   | <p>Select the lock that needs to be deleted from the mobile administrator in the app, click <b>【Settings】</b>, click <b>【Delete】</b>, and enter the account password.</p> <p><b>Note: After removing the administrator from the app, the lock will be restored to factory settings, and all fingerprints, passwords, and cards previously added will become invalid.</b></p>                                                                                                                                                                                                                                                                                                                                     |
| 6. APP electronic key                | Click "Send Key" on the app to send electronic keys to other users, which can authorize them to become secondary administrators.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 7. Add password                      | <p>Click on <b>【Password】</b> → <b>【Get Password】</b> → Select Password Type <b>【Custom】</b> → Select Validity Period → Click on <b>【Set Password】</b> → Enter the password you want to add.</p> <p><b>Note: "Custom" passwords must be operated on the lock edge</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                                        |

|                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                         | Click on <b>【Get Password】</b> on the app → select password type: permanent/limited time/single time/cycle/clear → click <b>【Get Password】</b><br><br>Note: These types of passwords do not require operation on the lock edge<br><br>Clear password is used to delete all effective passwords on the lock                                                                                                                                   |
|                                         | Enter * 80 # on the lock, enter the administrator password #, enter the new password # that needs to be added, and then enter the same password again#.<br><br>Note: Passwords added directly to the lock can be uploaded to the App settings for data management.<br><br>After successfully adding a password directly to the lock, you can continue to add other passwords, or press the * key or wait for a timeout to exit the add mode. |
|                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 8. Delete Password                      | Click on <b>【Password】</b> on the app → click on the password that needs to be deleted → click on delete.<br><br>Note:It is necessary to operate on the locking edge.                                                                                                                                                                                                                                                                        |
|                                         | Enter * 71 # administrator password # on the lock and delete all unlock passwords (administrator passwords are not deleted).<br><br>Enter * 72 # administrator password # to delete the specified password on the lock (administrator password cannot be deleted)                                                                                                                                                                            |
| 9. Modify the password                  | Click on <b>【Password】</b> on the app → click on the password to be modified → click on <b>【Password】</b> → enter a new password.<br><br>Note:It is necessary to operate on the locking edge.                                                                                                                                                                                                                                                |
|                                         | Enter * 10 # original password # new password # same password # on the lock to modify the password<br><br>Administrator password modification, please use * 12#                                                                                                                                                                                                                                                                              |
| 10. Renaming password                   | Click on <b>【Password】</b> on the app → click on the password that needs to be renamed → click on <b>【Name】</b> → enter a new name.                                                                                                                                                                                                                                                                                                          |
| 11. Modify the password validity period | Click on <b>【Password】</b> on the app → click on the password that needs to be modified for its validity period → click on <b>【Validity Period】</b> → enter a new validity period → click save.<br><br>Note:It is necessary to operate on the locking edge.                                                                                                                                                                                  |
| 12. Add IC card                         | Click on <b>【IC Card】</b> on the App → Add IC Card → Enter the name and select the validity period → Click <b>【Confirm】</b> , then swipe the card to add.<br><br>Note:It is necessary to operate on the locking edge.                                                                                                                                                                                                                        |
|                                         | Enter * 80 # on the lock, enter the administrator password #, and then swipe your card to add it.<br><br>Note:IC cards directly added to the lock can be uploaded to the App                                                                                                                                                                                                                                                                 |
|                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                              |

|                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                               | <p>settings for data management</p> <p>After successfully adding an IC card directly to the lock, you can continue to add other IC cards, or press the * key or wait for a timeout to exit the add mode.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 13. Delete IC card                            | <p>Click on <b>【IC Card】</b> on the app → click on the card to be deleted → click on <b>【Delete】</b>.</p> <p><b>Note: It is necessary to operate on the locking edge.</b></p> <p>Enter * 69 # administrator password # on the lock to delete all IC cards.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 14. Renaming IC card                          | <p>Click on <b>【IC Card】</b> on the app → click on the IC card that needs to be renamed → click on <b>【Name】</b> → enter a new name.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 15. Modify the validity period of the IC card | <p>Click on <b>【IC Card】</b> on the app → click on the IC card that needs to modify its validity period → click on <b>【Validity Period】</b> → enter a new validity period → click save.</p> <p><b>Note: It is necessary to operate on the locking edge.</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 16. Add fingerprint                           | <p>Click on <b>【Fingerprint】</b> → <b>【Add Fingerprint】</b> → Enter the fingerprint name and expiration date → click on <b>【Next】</b> → click on <b>【Start Adding】</b> → Press your finger multiple times on the fingerprint collector according to the phone screen and voice prompts.</p> <p>Enter * 80 # → Enter administrator password # → Follow the voice prompts and press your finger multiple times on the fingerprint collector.</p> <p><b>Note: Fingerprints directly added to the lock can be uploaded to the app through the upload data function for management.</b></p> <p>After successfully adding fingerprints directly to the lock, you can continue to add other fingerprints, or press the * key or wait for a timeout to exit the add mode.</p> |
| 17. Renaming fingerprints                     | <p>Click on <b>【Fingerprint】</b> on the app → click on the fingerprint that needs to be renamed → click on the name → enter a new name</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 18. Modify fingerprint expiration date        | <p>Click on <b>【Fingerprint】</b> on the app → click on the fingerprint that needs to be modified with an expiration date → click on the expiration date → enter a new expiration date → click on save</p> <p><b>Note: After setting the validity period, fingerprints can only be unlocked within the specified validity period. Must be operated on the locking edge.</b></p>                                                                                                                                                                                                                                                                                                                                                                                        |
| 19. Delete fingerprint                        | <p>Click on <b>【Fingerprint】</b> on the app, then click on the fingerprint that needs to be deleted, and then click on <b>【Delete】</b>.</p> <p><b>Note: It is necessary to operate on the locking edge.</b></p> <p>Enter * 70 # administrator password # on the lock to delete all fingerprints.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

|                                                                |                                                                                                                                                                                                                                                                                                                                                                       |
|----------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 20. Add remote control(Optional)                               | Click on <b>【Remote Control】</b> on the App → Add Remote Control (there are three types of remote controls: permanent, limited time, and cycle) → Enter the name and select the validity period → Click confirm, then long press the remote control lock button for 5 seconds to add a remote control on the App                                                      |
| 21. Renaming remote control(Optional)                          | Click on <b>【Remote Control】</b> on the app → click on the remote control that needs to be renamed → click on the name → enter a new name                                                                                                                                                                                                                             |
| 22. Modify the validity period of the remote control(Optional) | Click on <b>【Remote Control】</b> on the app → click on the remote control that needs to modify the validity period → click on the validity period → enter a new validity period → click on save<br><br><b>Note: After setting the validity period, the remote control can only unlock within the specified validity period. Must be operated on the locking edge.</b> |
| 23. Delete remote control(Optional)                            | Click on <b>【Remote Control】</b> on the app → click on the remote control that needs to be deleted → click on delete                                                                                                                                                                                                                                                  |
| 24. Open lock                                                  | App unlocking: Click on the lock icon on the app to unlock.                                                                                                                                                                                                                                                                                                           |
|                                                                | Touch to unlock: With <b>【Touch to unlock】</b> enabled in the app settings, open the app and touch the door lock to unlock.                                                                                                                                                                                                                                           |
|                                                                | IC card unlocking: Place the added IC card in the card swiping area to unlock.                                                                                                                                                                                                                                                                                        |
|                                                                | Fingerprint unlocking: Press the entered finger on the fingerprint device to unlock it                                                                                                                                                                                                                                                                                |
|                                                                | Remote unlocking(Optional): Press the unlock button to unlock                                                                                                                                                                                                                                                                                                         |
|                                                                | Password unlocking: Enter the unlocking password on the password keyboard and press the # key to unlock.<br><br><b>Note: If no administrator is added, the default unlock password is 123456</b>                                                                                                                                                                      |
| 25. Close lock                                                 | Automatic locking: Set automatic locking. After unlocking, it will automatically lock when it exceeds the time limit (Except for temporary normally open mode).                                                                                                                                                                                                       |
|                                                                | In normally open mode or automatic locking for more than 10 seconds, long press the *button to lock.                                                                                                                                                                                                                                                                  |
|                                                                | Remote control locking(Optional): Press the locking button on the remote control key to lock                                                                                                                                                                                                                                                                          |
|                                                                | APP lock: Long press the lock icon on the app to lock it<br><br><b>Note: The lock must be unlocked on the locking edge</b>                                                                                                                                                                                                                                            |
| 26. Temporary                                                  | After unlocking (before locking), enter 123 #, the lock is normally                                                                                                                                                                                                                                                                                                   |

|                                     |                                                                                                                                                                                                                                                                                                                                                                       |
|-------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| normally open mode                  | open, and when unlocking again, it will return to the locked state after timeout. (Set automatic blocking time)                                                                                                                                                                                                                                                       |
| 27. View unlock records             | Select the door lock on the app, click on <b>【Operation Record】</b> to view it<br>Click on a certain IC card/password/fingerprint on the app, click on <b>【Operation Record】</b> , and view all records of this IC card/password/fingerprint.                                                                                                                         |
| 28. Virtual password                | You can add other numbers before and after entering the correct password on the lock, and the total length of the dotted password is 16 digits.                                                                                                                                                                                                                       |
| 29. Low battery warning             | When the battery voltage is below 4.8V, touch the panel and the voice prompt will be "Low battery, please replace the battery". At the same time, the screen backlight will flash quickly for 1 second.<br>Before unlocking by the IC card/password/fingerprint, a voice prompt "Low battery, please replace the battery" will appear before unlocking.               |
| 30. * Key                           | During the password input process, pressing the * button once can delete the last password digit entered. After deleting all digits, if you are in add mode, you can exit this mode. After deleting all entered digits, press the * button three more times to turn off the screen.                                                                                   |
| 31. Enable automatic locking mode   | Enter * 21 # administrator password # automatic lock seconds (1-900) #, and hear a voice prompt "operation successful". The lock will automatically lock according to the set time after unlocking.<br>Set the blocking time through the app's <b>【Settings】</b> → <b>【Automatic Blocking】</b>                                                                        |
| 32. Turn off automatic locking mode | Enter * 20 # administrator password # to disable automatic blocking time;<br>Turn off automatic locking through the app's Settings → Automatic Locking                                                                                                                                                                                                                |
| 33. System Lock                     | If the unlocking password/card/fingerprint is entered incorrectly 5 times in a row (three unlocking methods can be accumulated), the system will lock the password keyboard. After a timeout of 2 minutes, the locking status will be released. During the lock period, using the app to unlock can unlock the keyboard.                                              |
| 34. UPGRADE                         | Locks can be firmware upgraded through the app by clicking on <b>【Settings】</b> → <b>【Lock Upgrade】</b> to upgrade the new firmware of the lock.<br><b>Note: It is necessary to operate on the locking edge.</b>                                                                                                                                                      |
| 35. demo mode                       | By default, the demonstration mode is turned off. When no administrator is added, enter 24679 # on the lock to enable the demonstration mode. After the demonstration mode is turned on, any card and password 123456 can be unlocked. After setting the administrator password or adding a mobile administrator, the demonstration mode will automatically turn off. |

|                     |                                                                                                                                                                                                                                                                                                                                                                                              |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 36. Voice switching | <p>Chinese voice: Enter “* 39 # Administrator Password # 1 #” on the lock.</p> <p>English voice: Enter “* 39 # administrator password # 2 #” on the lock.</p> <p><b>Note: When no administrator is added, the administrator password is replaced with 123456.</b></p>                                                                                                                        |
| 37. Aging test      | <p>When no administrator is added, entering 35896 # on the lock can enable the motor aging test. Entering 35896 # again or re powering on can exit the motor aging test.</p>                                                                                                                                                                                                                 |
| 38. Lock sound      | <p>You can turn off and on the lock sound in the App's Settings → Lock Upgrade. When the lock sound is turned off, the screen will flash when touching the button to remind the user that the button has been pressed.</p> <p>Enter * 30 # administrator password # 0 # on the lock to turn off the lock sound</p> <p>Enter * 30 # administrator password on the lock # 1 # unlock sound</p> |
| 39. Lock time       | <p>Click on <b>【Lock Time】</b> in the app settings to view the clock</p> <p><b>When the time is not accurate, you can click on <b>【Calibration Time】</b> to calibrate, or use the app to unlock the calibration time once</b></p>                                                                                                                                                            |

## Download the QR code

### ANDROID



### IOS



# Standalone version operation manual

## Four independent unlocking methods

1. **Password:** press the key of \*, the screen will be lighted and powered. Then put in the password and press . When you hear the music, the door will be opened. The password capacity is 100 groups.
2. **Fingerprint:** open the slide cover, and put your finger on the fingerprint reader. When you hear the music, the door will be opened. The fingerprint capacity is 100 pieces.
3. **Card:** keep the opening card close to the card reader, when you hear the music, the door will open. The card capacity is 100 pieces.
4. **Mechanical keys.**

## Operation Instructions:

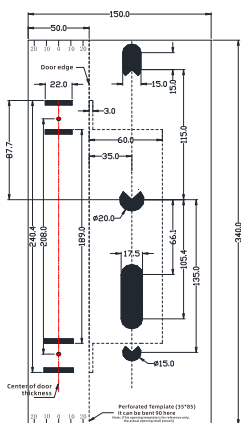
1. **Initialization:** Press the reset button on PCB for 5 times constantly, lock would turn into default status: Master password: 123456;
2. **Changing the administrator password:** the default administrator password is 123456. Press “\* +  + administrator password + ” to enter the programming mode. Next, press 8 +  and put in a new administrator password ending with pressing . Then put in the administrator password second time and end with pressing . The setting will be finished when you hear a long sound. This administrator password can also open the lock.
3. **Adding a guest password:** Press “\* +  + administrator password + ” to enter the programming mode. Next, press 7 +  and put in a 2-digit user defined password number (from 01 to 99, should be registered in the form). Then put in a guest password ending up with pressing the  and repeat this again. The setting will be finished when you hear a long sound.
4. **Adding a guest fingerprint:** Press “\* +  + administrator password + ” to enter the programming mode. Next, press 6 +  and put in a 2-digit user defined number for the guest fingerprint (from 01 to 99, should be registered in the form). Then put your finger on the fingerprint scanner till you hear a long sound. The setting is complete.

5. **Deleting all of the guest fingerprints and passwords:** Press “\* +  + administrator password + ” to enter the programming mode. Next, press 1 +  and repeat it again. When the indicator light off, all of the guest fingerprints and passwords are deleted without changing the administrator password.
6. **Deleting a guest fingerprint:** Press “\* +  + administrator password + ” to enter the programming mode. Next, press 4 +  and put in the 2-digit fingerprint number you want to delete and end up with pressing . Repeat the 2-digit number +  and the fingerprint is deleted.
7. **Deleting a guest password:** Press “\* +  + administrator password + ” to enter the programming mode. Next, press 5 +  and put in the 2-digit password number you want to delete and end up with pressing . Repeat the 2-digit number + LOCK and the password is deleted
8. **Setting keep-open state:** Opening the lock by fingerprint or password, do not press the handle, press 3 + 7 + , you hear the voice prompt of “the door is in the keep-open state”. The setting is finished. Opening the door by fingerprint or password can cancel the keep-open state.
9. **Adding a card:** Press “\* +  + administrator password + ” to enter the programming mode. Next, press 9 +  and hold the card to the card reader. (Adding cards continuously is available)
10. **Deleting a card:** Press “\* +  + administrator password + ” to enter the programming mode. Next, press 3 + , and put in the number of the card + .
11. **Volume adjustment:** Press “\* +  + administrator password + ” to enter the programming mode. Then press 2+  to adjust the volume. 1 is to decrease to volume while 3 to increase.
12. **Chinese & English shifting:** Press “\* +  + administrator password + ” to enter the programming mode. Next, pressing 0 +  can shift language between Chinese and English.

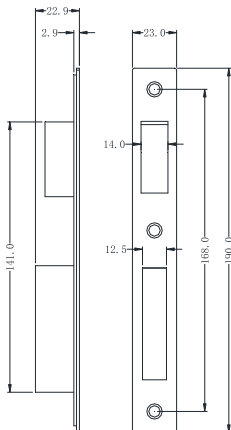
## 1.1 Opening holes on the door

This holes can be used in wooden doors and plastic doors and metal doors with thickness over 30MM.(as shown pictures-02)

Open holes as below. Make sure they keep accordance with the lock and parallel with the door case when locking.(as shown pictures-03)



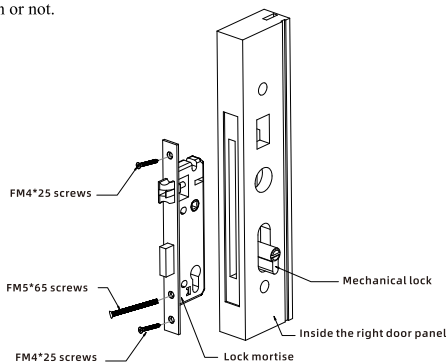
picture-02



picture-03

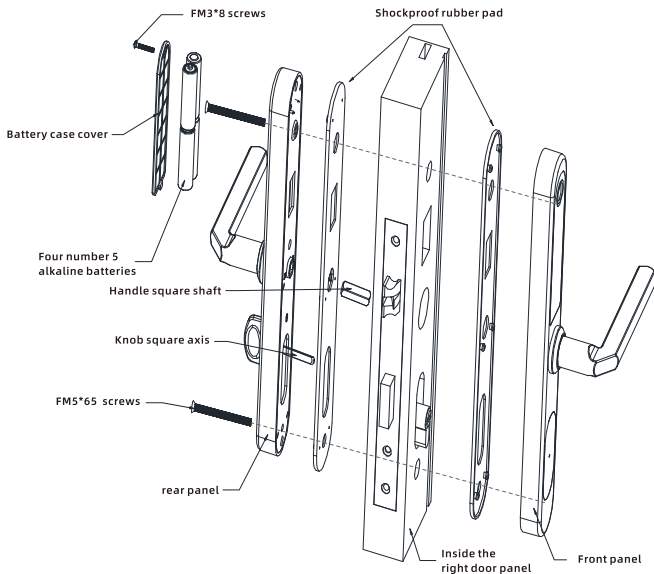
## 1.2 Installing lock mortise

Following the picture below, take the lock cylinder with its connecting line on the upper side to install in the cylinder pore on the door. Please do not make the 4P line in the door. Use 4 flat countersunk head tapping screws to fix the cylinder. Then take the mechanical lock with this key pore outwards to install in the cylinder pore and use FM 5 \* 65 Machine Screws to fix it. Then use the mechanical key to exam whether it can be open or not.



## 1.3 Installing the front and back lock panels

Before installing the lock body, please check if the handle springs fall off, and put the handle square shafts into the lock cylinder. Please notice the directions of opening left and opening right: the downwards arrow is for opening right and upwards for left. As showing below, the 3P line connect the back body and the square shaft of deadbolt should be put in the pore of cylinder. Then fix the body with 4 pieces FM 5 \* 55 Machine Screws. And next load the batteries and fix the back covers.



EPORDO Tech Support:

WhatsApp: 0086 15815501089/ 18665332487