VIRDI 450FP User Manual

Version 3.00

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About UNIONCOMMUNITY

With regard to any fingerprint-related issues, UNIONCOMMUNITY is always in readiness to find out well fitted solutions, depending on customers' requirements and needs.

As a leading provider of fingerprint core technology, UNIONCOMMUNITY has set up wide variety of fingerprint product lines from fingerprint OEM modules to several choices of fingerprint finished products including access control, time & attendance, door lock, PC peripherals, safety box, etc, that incorporate UNIONCOMMUNITY's groundbreaking biometrics technology. Based on its proprietary algorithm, its own sensor and in-house one-stop processing capability regarding hardware, software, product design, etc., our services to government sector and various commercial sectors like security, construction and enterprise are in full swing through fast problem-solving approach to meet market trends or demands. As a result, UNIONCOMMUNITY exports its market-proven fingerprint products to over 40 countries including Japan, USA, Europe and China.

As the biggest and the most promising company in the commercial sector of biometrics industry in Korea, UNIONCOMMUNITY was awarded "Korean World-class Product Award" for its excellent performance by Minister of Commerce, Industry and Energy in December 2005.

To be the world-class company in biometrics field, UNIONCOMMUNITY and all the members continue to do all-out efforts for the world-best quality product, creation of new paradigm and customers' satisfaction through accumulated expertise and working experience from various reference sites and versatile hardware & software development.

About This Manual

This is an introduction to operation of VIRDI 450FP supplied by UNIONCOMMUNITY. This manual describes how to do user registration, VIRDI 450FP's various settings, etc. The purpose of this manual is to provide instructions on using VIRDI 450FP and troubleshooting minor problems.

Feel free to contact us at the number below.
We provide information and service kindly and responsively if you leave your contact information, a model name you have and problems you encounter.

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* Design and product specifications are subject to change for product enhancements without notice.

http://www.virditech.com/eng

Instructions
Read the instructions for use before using this product.

About VIRDI 450FP Fingerprint Identification Door Lock

Thank you for purchasing UNIONCOMMUNITY's Fingerprint Identification Door Lock. This product, developed and manufactured by UNIONCOMMUNITY CO., Ltd, has various functions for convenience and safety. For safe and convenient use, please read and understand the Instructions before use.

As VIRDI 450FP adapts UNIONCOMMUNITY's advanced fingerprint authentication technology, users are able to easily open and close a door without key and concern of ID theft.

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1. Before using the product

1.1. Cautions

□ Avoid exposure to direct sunlight.
* It may cause failure to recognize fingerprints.

□ Do not install the device in a place with high humidity and dusts.
* It may cause malfunction of the device.

□ Do not install the device in an area exposed to extreme temperature changes.
* It may cause malfunction of the device.

□ Do not strike or shake.
* It may cause damage and breakdown of the device.

□ Do not place inflammables near the device.
* Meltdown of the device may cause fire.

□ Keep away from sharp objects.
* It may cause malfunction of the device.

□ Do not modify or repair without help, at discretion.
* Contact support when you need repair.

□ Insert batteries as per indicated polarity (+,-).
* Reversed polarity may cause injury from leakage, explosion of batteries, breakage or fire.
Use standard batteries and do not mix new and used batteries.

□ Do not stain the fingerprint recognition sensor.
* The sensor may fail to recognize fingerprints.

□ Don’t touch the device with wet hands and be careful not to drop water or liquid on it.

□ Do not sprinkle water or clean the device with benzene, inorganic solvents, and alcohol.

□ Do not spray inflammable liquids on it.

□ Change your password periodically for safety reasons.

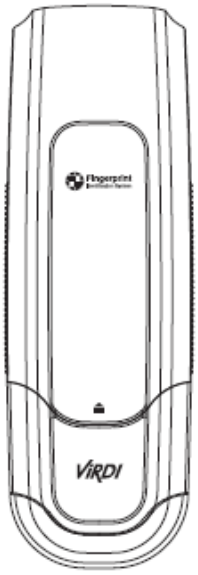
□ Do not leave children to touch or operate the device thoughtlessly.
* There is a risk of safety accident or malfunction.

□ Read all instructions before using the product.

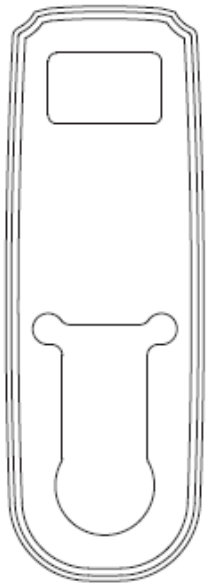
□ Union Community is not responsible for damage and accident, resulting from non-compliance with the instructions.

□ Keep the emergency key in a safe place or carry with you to manually open the door when batteries are depleted or the device malfunctions.

1.2. Package contents

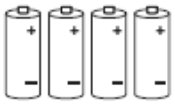


Ⓑ] Front body



Ⓑ] Outside rubber pad

Ⓑ] Emergency key (3pcs)



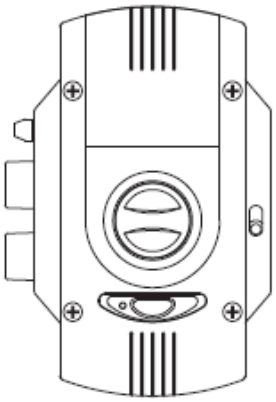
Ⓑ] Battery 4 pcs (“AA”)

Ⓑ[Screw for fixing plate (SDS 4*18mm-4pcs)
¶Installation on wooden door : 4pcs of wood screw *25mm

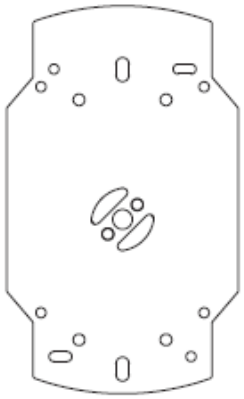
Ⓑ[Screw for fixing strike (SDS 4 *18mm-4pcs)
¶Installation on wooden door : 4pcs of wood screw *40mm

Ⓑ[Screw for fixing front body (M/S5*18mm-4pcs)

Ⓑ[Screw for fixing lock body (M/S5*32mm-4pcs)

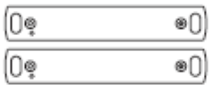


Ⓑ] Lock body



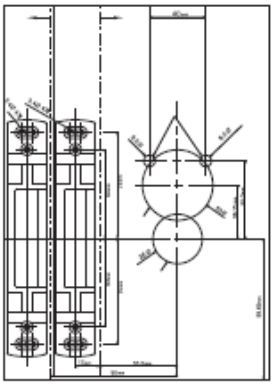
Ⓑ] plate

Ⓑ[Strike

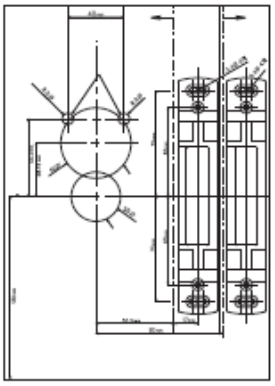


Ⓑ[Sub-Strike
(1mm, 2mm)

Ⓑ^Installation guide paper (Left)



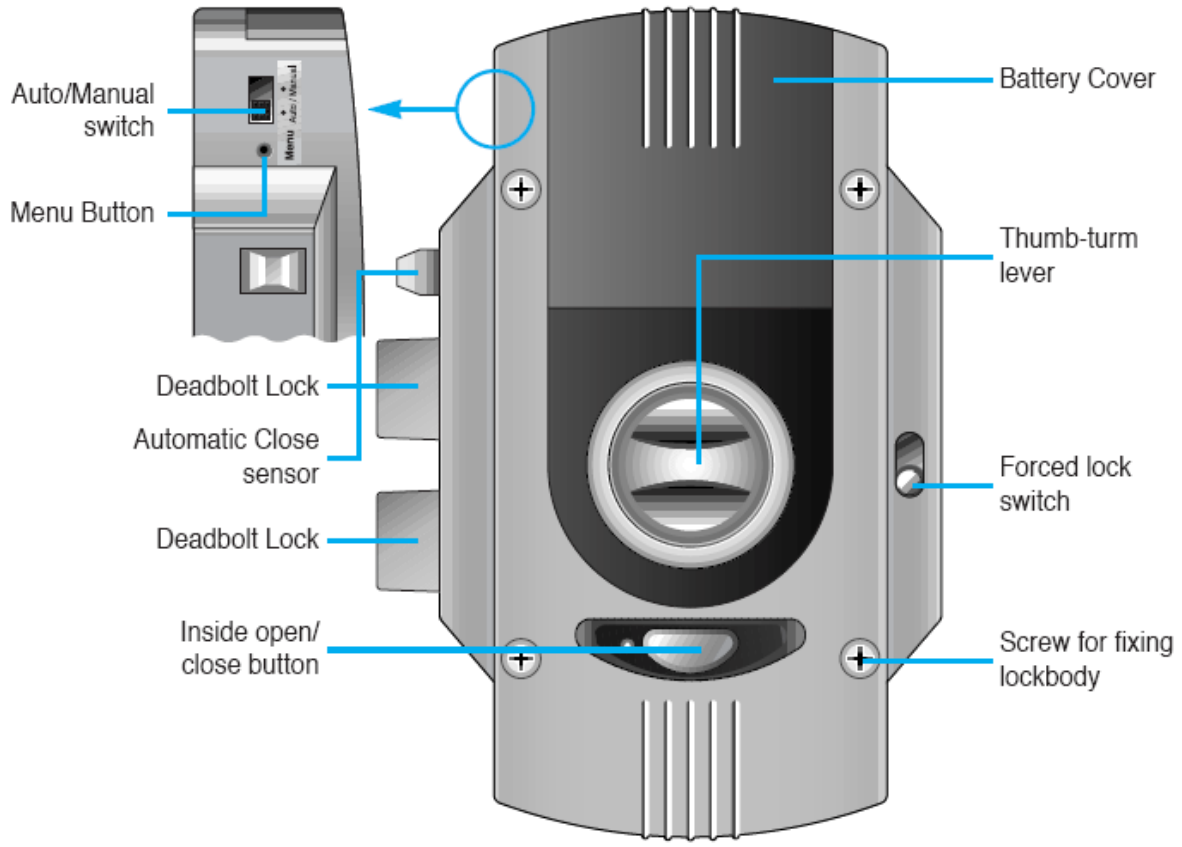
Ⓑ^Installation guide paper (Right)



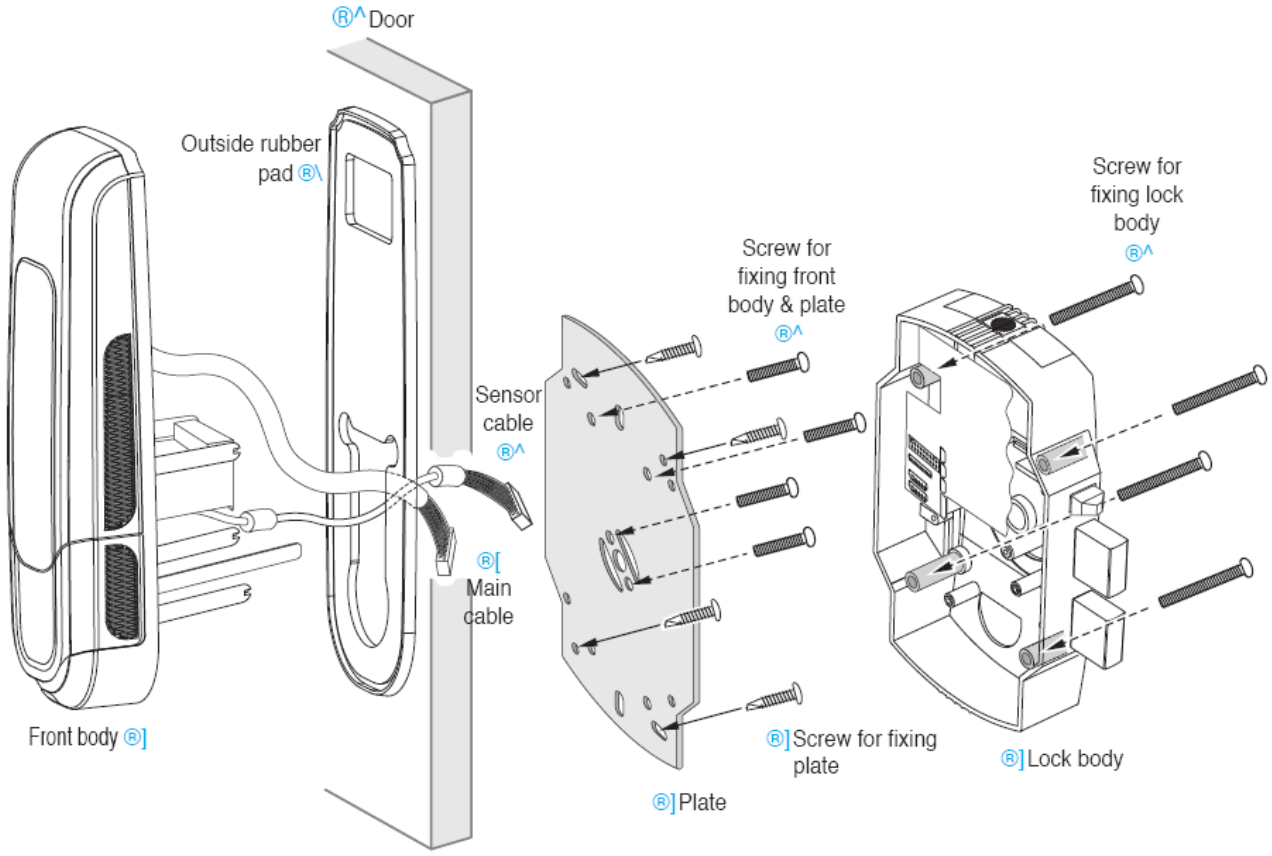
1.3. Product description

1.3.1. External body

1.3.2. Internal body



1.4. Assembly layout

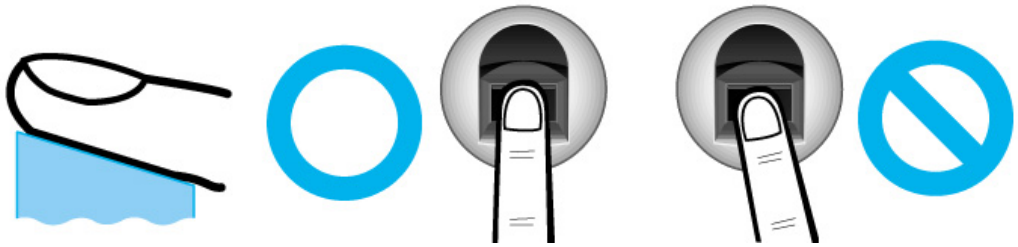


1.5. Instructions

1.5.1. Correct fingerprint registration and input methods

- Correct fingerprint registration methods

  Place your index finger on the window just as you do with a finger stamp.
  Finger tip touching is not an appropriate registration or input method.
  Make sure the center of your finger touches the window.



- Use your index finger.

  The index finger guarantees an accurate and stable fingerprint input.

- Check if your fingerprint is unclear or damaged.
  It is tricky to recognize fingerprints on dry, wet, unclear, or injured fingers. Use another finger in this case.

- Cautions about fingerprint condition

  Depending on the user's fingerprint condition, some fingerprints may not be used or may cause an inconvenience.

  - If the fingerprint is damaged or very unclear, then it cannot be recognized. Please use a password instead in this case.
  - When a finger is dry, breathe on the finger for smooth operation.
  - For kids, it may be tricky or impossible to use the device because their fingerprints are too small or very unclear. It is recommended to register their fingerprints every six months.
  - For the elderly, it may not be possible to register their fingerprints if there are too many fine lines on the fingerprints.
  - If fingerprints are very unclear, register same fingerprint more than 2 times for better authentication rate and easy operation

  .
  - It is recommended that you register more than 2 fingerprints.

1.5.2. Password setting

* The initial password is applied in case of the first purchase, device initialization and password deletion when there is no registered fingerprint.
* The initial password becomes invalid only after the fingerprint or password is registered.
  - Initial password: 00000
* In case that the initialization is done, check about correct initialization whether the 'beebeep' sounds three times when you press the start button (authentication button).

※ Due to security reason, you should change the password when you install the device after purchase.

1.5.3. Registering and deleting password

* Register and change a password with the door open.
* Be careful to handle your password as there is disclosure possibility.

1.5.4. Input waiting time in keypad

* Number input waiting time is 5 seconds and the time for the button like '*' and '#' used in fingerprint registration and password change is 10 seconds. If there is no entry within the assigned time, the device stops on-going process with a 'beebeep' sound.

1.5.5. Avoid of a password disclosure

* UNIONCOMMUNITY is not responsible for damage resulting from password disclosure.

1.5.6. Keep the emergency key in a safe place

Keep the emergency key in a safe place to use when the batteries are depleted or failure occurs in the product.

1.5.7. Fingerprints and the password are authorized with the door locked.

1.5.8. Battery replacement signal

* Replace batteries when the red light on the fingerprint recognition button (start button) flickers, 'beebeebeebee..' sounds and inside the door, LED besides OPEN/CLOSE button flickers.
* The user cannot register or delete fingerprints or passwords when the signal sounds.

1.5.9. Fingerprint test

* You can check whether the condition of your fingerprint is suitable for registration. (Refer to “2.1.3.5. Fingerprint test”)

1.5.10. Backlight

* Number keys using high-brightness LED are easily recognizable in the night time.

1.5.11. Guarded password and user fingerprint

* Saved fingerprints and password are not deleted after battery replacement.

1.5.12. Easy conversion between home mode and office mode

* You can easily convert from home mode to office mode or from office mode to home mode. To convert mode, push menu button with a little bit sharp object beside auto/manual switch and then click the following numbers in order: 0 8 5 2 9 3 7 9 0 #. Same number is applied in bilateral mode conversion.

* Be careful that mode conversion makes all saved information - user fingerprint, password, etc. – to be deleted.

* Conversion to the office mode
    1) There are masters – namely, administrator – and general users, different from home mode. There are only general users in home mode.

    2) After master registration, only master can change the device settings and do management.

    3) There are two different things between office mode and home mode. One thing is master existence in office mode and the other thing is to use two digits ID in office mode. Registering and deleting users by using two digit ID can do user management easy.

    4) When registering fingerprint in office mode, users enter two digit IDs and place fingerprints.

1.5.13. Battery replacement

* Make sure that batteries are inserted (4 alkaline batteries: 1.5V AA-Type) and check polarity (+, -) for the first purchase.

* When the alarm ‘beebeebeebee...” sounds,
    - The red light on the fingerprint recognition button (start button) flickers and

the alarm sounds to indicate that batteries are depleted below the standard level. Open the cover plate and replace batteries.

* When the batteries are completely, open the door with the emergency key and replace batteries.

1.5.14. Cautions for installation

* This product is a door lock installed mainly on the front door with an emergency key.
  1) This door lock cannot be installed on a tempered glass door.
  2) This door lock cannot be installed on the uneven surface, for security reason.
  3) A chassis door with lack of installation space is not suitable for installation.
  4) In case that the inside and outside door are openly exposed, installing this door lock in this environment is not suitable.
  5) This door lock can be installed on wooden door.
     But acknowledge that there is higher possibility of rolling as wooden door has lower durability, compared to metal door.
  6) In case of bi-fold door, install this door lock after one part of bi-fold door should be completely fixed.
  7) Register your password by yourself to prevent your password from being disclosed even in case that installer or other person installs this door lock.

1.5.15. Number of users

* Fingerprint capacity (default)

Home mode	Office mode
30 fingerprint templates	Master : 5 fingerprint templates General user : 25 fingerprint templates

* As mentioned above, default fingerprint capacity is 30 templates. It can be extended up to 100 templates as per buyer's requirement.

* Users over the permitted number can not be allowed to be registered. Such trial ends with stop of registration process and a 'beebeep' sound. In the office use, the number of masters can not exceed 5 persons.

1.5.16. Emergency signal

* When the door is not properly closed or a problem occurs in the door lock, the red and blue lights flicker on the fingerprint button and a signal 'beebo beebo' rings ten times. Close the door again. If the same signal is repeated, please contact the Support Center.

1.5.17. Prohibition setting of using inside OPEN/CLOSE button

* Inside OPEN/CLOSE button is used for users to easily open the door inside. However, if a user worries over somewhat possibility that outsiders can open the door by putting in long steel wire or whatever through chink in the door and pushing the inside OPEN/CLOSE button, they can set up this setting.

1.5.18. Suspension of using the device

* This setting by the forced lock switch is used to drive operation of this device into suspension status to completely restrict access. A user can not do open the door both outside and inside and can not do any other operations including registration process, except for the manual operation to go back to normal status. About any trial for using this device in this mode, a 'beeriririririk' rings for about 2 seconds and the blue and red LED in the authentication button (start button) turn on at the same time.
* Any key entry is not possible after this setting is done.

- Normal operation : blue color
- Suspension : red color

1.5.19. Back to locking status

* If a user does not open the door within 10 seconds after successful authentication outside or pressing the OPEN/CLOSE button inside, the door is locked again. This is not related to the Automatic/Manual switch. To immediately lock the door, press the start button outside or the OPEN/CLOSE button again inside.

1.5.20. Auto lock setting

* This product has an auto lock function. Place the automatic/manual switch to automatic status and close the door. The door is automatically locked. In the manual mode, the door is not locked after being closed.
* To lock the door in the manual mode, press the authentication (start) button.

1.5.21. Constantly door-open setting

* To keep the door constantly open and to allow entry of many unregistered persons, select the Manual mode in the Automatic/Manual Switch and open the door. Everyone can use the door without fingerprint or password authentication. For security reason, the Automatic mode is recommended.

2. How to use

2.1. Menu setting for home use

2.1.1. Registration

2.1.1.1. Initial user registration

◆ [Menu] → [#] → Input fingerprint → Input the same fingerprint ◆

* One same fingerprint has to be registered two times. Place the fingertip again after a 'beeriririk' sound.
* If a same fingerprint is not inputted two times, the registration process stops with a 'beebeep' sound.
* If registration fails, check whether the fingerprint is too dirty, dry or in bad condition. Breathe on the fingertip and try again.
* Before fingerprint and password registration, insert batteries (4 AA batteries).

2.1.1.2. Initial password registration

◆ [Menu] → [*] → Input password + [*] → Input the same password + [*] ◆

* Enter password after the number keys are on.
* Only a password can be assigned for a device.
* The password can be from 4 digits to 20 digits. More than 8 digits are recommended for security reason.
* If registration fails, a 'beebeep' sound is made and the menu setting is ended.
* If a user want to stop the registration process, press '*' and '#' at the same time.

2.1.1.3. Fingerprint registration

◆ [Menu] → [#] → Input a previously registered fingerprint → Input new user's fingerprint → Input the same fingerprint again ◆

* New fingerprint can be registered after a previously registered fingerprint is successfully authenticated. If the authentication fails, a 'beebeep' sound is made and the menu setting is ended. Try again to register.
* One same fingerprint has to be registered two times. Firstly, place the fingertip for about 3 seconds after red light is on and then place the fingertip again after a 'beeriririk' sounds and red light is again on. No placement or different fingerprint input make registration fail. In this case, a 'beebeep' sound is made and the menu setting is ended.
* If registration fails, check whether the fingerprint is too dirty, dry or in bad condition. Breathe on the fingertip and try again.

2.1.1.4. Deleting fingerprints

◆ [Menu] → [#] (until hearing “Be~~~ic”) → Input a fingerprint for deleting ◆

* Press [#] until a ‘Be~~~ic’ sound is made.
* If deletion fails, a ‘beebeep’ sound is made and the menu setting is ended.
  To delete a fingerprint, authentication of an existing user is not necessary.

2.1.1.5. Changing password

◆ [Menu] → [*] → Input a previously registered password + [*]→ Input a new password + [*] → Input a same password again + [*] ◆

2.1.1.6. Deleting password

◆ [Menu] → [*] (until hearing “Be~~~ic) → Input a password for deleting + [*] ◆

* Press [#] until a ‘Be~~~ic’ sound is made.
* If deletion fails, a ‘beebeep’ sound is made and the menu setting is ended.
  To delete a fingerprint, authentication of an existing user is not necessary.
* Be careful that after the deletion of password is done, entry through password is not possible. If a user want to use a password for entry again, they should do initialize the device and then register new password with the initial password.

2.1.2. Access control

2.1.2.1. Access control by fingerprint

◆ [Start] → Input a registered fingerprint ◆

After a ‘beep’ sounds and red light is on in fingerprint input window, place the fingerprint for about 3 seconds. A user can do three time trials until the authentication is successful.

* In case that a fingerprint is authenticated, the lock is released after blue LED flickers and a ‘beeririk’ sounds.
* If the entire three time authentication fails, red LED flickers and a ‘beebeep’ sounds. Try it again by pressing the start button.
* If there is no registered fingerprint, the process stops with a ‘beebeep’ sound.
* If security password setting is set up, the process stops with two ‘beebeep’ sounds.
* In the default stage, the process stops with three ‘beebeep’ sound.

2.1.2.2. Access control by password

◆ [*] → Input registered password + [*] ◆

* In case that a password is authenticated, the lock is released

after blue LED flickers and a ‘beeririk’ sounds.
* If the authentication fails, red LED flickers and a ‘beebeep’ sounds.
* If there is no registered password, the process stops with a ‘beebeep’ sound.
* If there is no entry for 5 seconds after pressing ‘*’, the process stops with a ‘beebeep’ sounds.

2.1.2.3. Access control by emergency key

User can release the lock with emergency key.
Please keep an emergency key in safe place.

2.1.2.4. Access control by security password
◆ [*](until hearing “Be~~~ic”) → Input security password + [*] ◆

To restrict access only through the registered security password in cases of long absence like vacation or long leave or concern about possibility of password disclosure, this setting is mainly used. If security password is set up, access control by previous password and fingerprint is not available and the inside door Open/Close button is disabled. Access control only by a newly registered security password is allowed.

* In case that the security password is authenticated, the lock is released after blue LED flickers and a ‘beeririk’ sounds.
* If the authentication fails, red LED flickers and a ‘beebeep’ sounds.

2.1.2.5. Locking door
When auto/manual switch is in auto position, door is locked automatically.
When auto/manual switch is in manual position, press Open/Close button or rotate Open/Close lever.

* When the OPEN/CLOSE button lock is selected, the blue LED flickers with a “beeririk” sound.
* When it fails, the red LED flickers with a ‘beebeep’ sound.
* When this setting is selected, the use of the OPEN/CLOSE button is restricted.

2.1.2.6. Unlocking door
Press the Open/Close button or turn the manual Open/Close lever. The Open/Close button will not work if security password is in operation.

* In case that the OPEN/CLOSE button is unlocked and a user presses the button, the blue LED flickers with a “beeririk” sound when the door is open.

2.1.2.7. Inside operation

[1] To open the door
* To open the door, press the OPEN/CLOSE button or position the thumb turn lever to “OPEN” – vertical direction.
* The door can not be opened or closed with the OPEN/CLOSE button after the button lock (suspension mode by the forced lock switch) is set up.

[2] To lock the door
* The closed door is automatically locked in auto mode. But check whether the thumb turn lever is turned to CLOSE – horizontal direction.
* In the manual mode, press the OPEN/CLOSE button or turn the thumb turn lever to CLOSE – horizontal direction - after the door is closed.
  For your information, if you lease home and close the door outside in the manual mode, firstly close the door and then press the start button.

2.1.3. Key functions in detail

2.1.3.1. Security password setting

[1] Registration
◆ [Menu]→ [7] (Input a registered fingerprint (Input a security password + [*] (Input the same security password + [*] ◆

* Only fingerprint user can register the security password.
* The security password can be from 4 digits to 20 digits.
  More than 8 digits are recommended for security reason.
* If registration fails, a ‘beebeep’ sound is made and the menu setting is ended.
* If a user want to stop the registration process, press [*] and [#] at the same time.
* If security password is set up, access control by previous password and fingerprint is not available and the inside door Open/Close button is disabled. Access control only by a newly registered security password is allowed.
* After the security password is set up, the entirely menu settings except for deactivation of the security password are not possible.
* The trial of fingerprint authentication in security password setting makes two time ‘beebeep’ sound and authentication process ends.

[2] Deletion
◆ [Menu]→ [8] → Input the security password for deleting + [*] ◆

If there is no registration of security password, a ‘beebeep’ sound is made and the deletion process ends.

2.1.3.2. Open/Close button setting

[1] Disenabling
◆ [*]→ [3][4][#] → Input registered fingerprint ◆

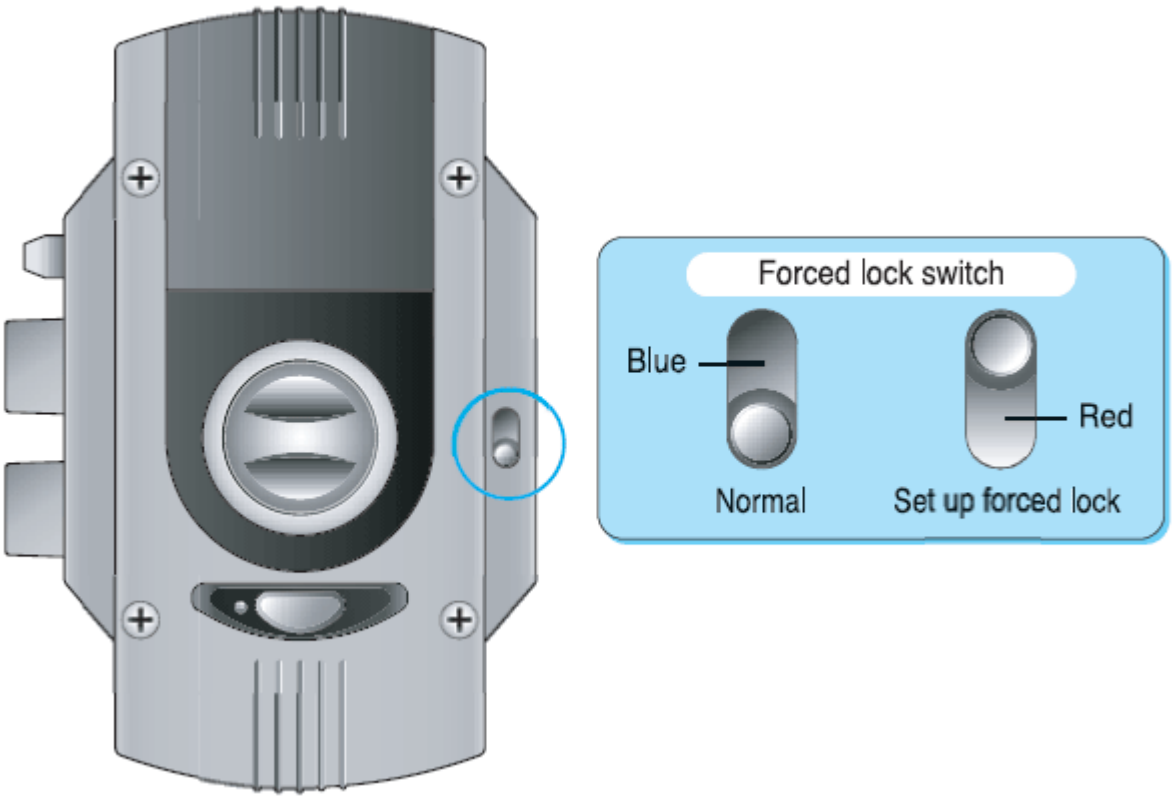
* If this disenabling is already set up, a ‘beebeep’ sound rings when a user press [3][4][#] and the setting process ends.
* Security password setting makes this button automatically disable. If a user tries to set up this setting in security password mode, a ‘beebeep’ sound rings and the setting process ends.
* In case that this setting is successfully done, a ‘beeriric’ sounds. If this setting process is unsuccessful, a ‘ beebeep’ sounds. Try it again.
* If a user want to stop the setting process, press [*] and [#] at the same time.

[2] Enabling
◆ [*]→ [4][3][#] → Input registered fingerprint ◆

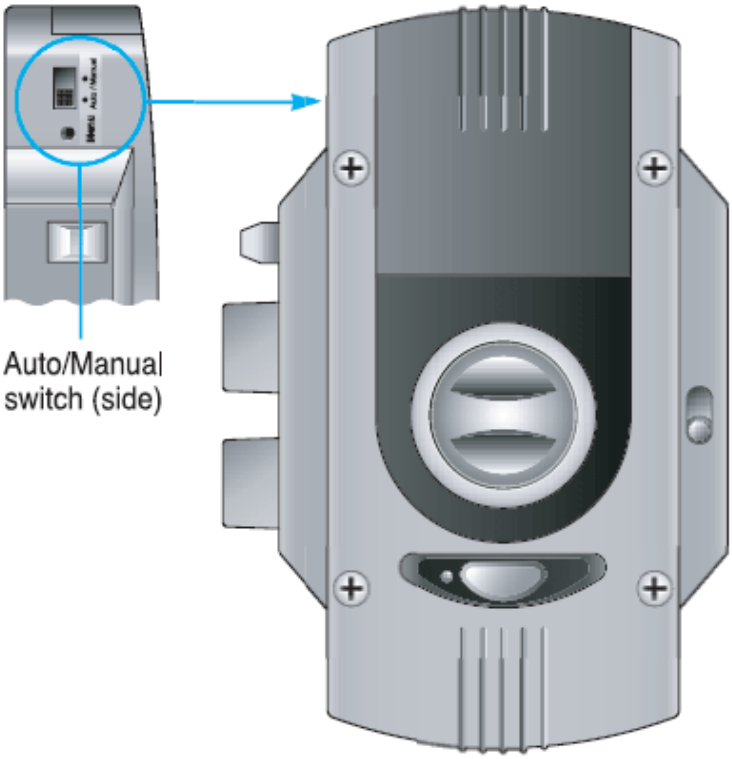
* If this enabling is already set up, a ‘beebeep’ sound rings when a user press [4][3][#] and the setting process ends.
* In security password setting, a user can not enable this button.

2.1.3.3. Forced lock setting

In this setting mode, the entire operations are stopped. About any trial for using this device in this mode, a ‘beeriririririk’ rings for about 2 seconds and the blue and red LED in the authentication button (start button) turn on at the same time.



2.1.3.4. Auto/manual switch setting



[Auto lock setting]
Place the automatic/manual switch to automatic status and close the door.
The door is automatically locked.

[Constantly door-open setting]
To keep the door constantly open and to allow entry of many unregistered persons, select the Manual mode in the Auto/Manual Switch and open the door. Everyone can use the door without fingerprint or password authentication. For security reason, the Auto mode is recommended.

2.1.3.5. Fingerprint test
◆ [Menu]→ [9] → Input a fingerprint → Input the same fingerprint again ◆

* This is for fingerprint registration and authentication test.
  (Use of the index finger is recommended.)
* A fingerprint test requires two entries of the same fingerprint.
  Place the fingertip on the sensor again after a ‘beep’ sound.
  The test fails with a ‘beebeep’ sound if placement is not proper or the same fingerprint is not placed. If the test fails, check whether the fingerprint is in good condition, too dry or stained.
* To test a different fingerprint, press [9].

2.1.3.6. Device Initialization
◆ [Menu]→ [0][4][5][6][0][2][5][8][0][#] ◆

* Press the menu button and enter the following numbers.
  [0][4][5][6][0][2][5][8][0][#]
* Be careful that the device initialization deletes all information saved in the device including fingerprints and password.
* To check whether the initialization work is successfully done, press the start button. If it is successfully finished, three time 'beebeep' sounds.

2.2. Menu setting for office use

* There are masters – namely, administrator – and general users, different from home mode. There are only general users in home mode. After master registration, only master can change the device settings and do management.
* Registering and deleting users by using two digits ID makes user management easy.
* In office mode, place your fingertip for authentication after input 2 digits ID.
* Be careful that the mode conversion between office mode and home mode deletes all information saved in the device including fingerprints and password.
* To convert mode, push menu button with a little bit sharp object beside auto/manual switch and then click the following numbers in order : 0 8 5 2 9 3 7 9 0 #. Same number is applied in bilateral mode conversion.
* Press the menu to get out of the menu mode.
* The mode conversion number (0,8,5,2,9,3,7,9,0) and initialization number (0,4,6,0,2,5,8,0) are the same as those for home use.

2.2.1. Registration

If there are already registered users, authentication of a previously registered user is required. If there are already registered masters, it is necessary to get authentication of a previously registered master.

2.2.1.1. Initial master registration
◆ [Menu]→ [6] → Input new ID (2 digits) → Input a fingerprint
(Input the same fingerprint again ◆

* Except for using two digits ID, other registration process is same as that in home mode.

2.2.1.2. Deleting master's or user's fingerprint
◆ [Menu] → [2] → Input the fingerprint to be deleted ◆

2.2.1.3. Adding further master fingerprint

◆ [Menu] → [6] → Input a previously registered master's fingerprint → Input two digits ID for new master's fingerprint → Input master's fingerprint → Input the same fingerprint again ◆

* Five masters in maximum can be registered
* To add new master, authentication of a previously registered master is mandatory.
* If the inputted ID is same as that of previously registered master or user, a 'beebeep' sounds and the registering process ends.

2.2.1.4. Deleting master's or user's fingerprint by ID

◆ [Menu]→ [3] → Input a registered master's fingerprint → Input the ID to be deleted ◆

* If there is not registered master, place general user's fingertip instead.
* This can be used to delete master's or user's fingerprint without his/her fingerprint input.

2.2.1.5. User registration

◆ [Menu]→ [1] → Input a registered master's fingerprint → Input ID for new user → Input a new user's fingerprint → Input the same fingerprint again ◆

* If there is not registered master, place general user's fingertip instead.
* In case of initialization or if there is no registered master or user, authentication process of registered master is skipped.
* If the inputted ID is same as that of previously registered master or user, a 'beebeep' sounds and the registering process ends.

2.2.1.6. Initial password registration

◆ [Menu]→ [4] → Input password + [*] → Input the same password + [*] ◆

2.2.1.7. Deleting password

◆ [Menu]→ [5] → Input a registered password + [*] ◆

* Be careful that after the deletion of password is done, entry through password is not possible. If a user want to use a password for entry again, they should do initialize the device and then register new password with the initial password. The device initialization deletes all information saved in the device including fingerprints and password. Therefore, give a serious thought on deleting password before doing that.

2.2.1.8. Changing password
◆ [Menu]→ [4] → Input a registered password + [*] → Input a new password + [*] → Input the same password again + [*] ◆

2.2.2. Door access

2.2.2.1. Access control by fingerprint
◆ [Start] → Input ID → Input a relevant fingerprint ◆

A user can do three time trials until the authentication is successful. If security password setting is set up, the process stops with two 'beebeep' sounds.

2.2.2.2. Access control by password
◆ [*] → Input a registered password + [*] ◆

For your information, refer to 2.1.2.2. Access control by password in home mode.

2.2.2.3. Access control by emergency key
For your information, refer to 2.1.2.3. Access control by emergency key in home mode.

2.2.2.4. Access control by security password
◆ [*](until hearing "Be~~~ic") → Input security password + [*] ◆

For your information, refer to 2.1.2.4. Access control by security password in home mode.

2.2.2.5. Locking door
Refer to 2.1.2.5. Locking door.

2.2.2.6. Unlocking door
Refer to 2.1.2.6. Unlocking door.

2.2.3. Key functions in detail

2.2.3.1. Security password setting

[1] Registration
◆ [Menu]→ [7] → Input master's fingerprint → Input a security password + [*] → Input the same security password + [*] ◆

[2] Deletion
◆ [Menu]→ [8] → Input the security password for deleting + [*] ◆

2.2.3.2. Fingerprint test
◆ [Menu]→ [9] → Input a fingerprint → Input the same fingerprint again ◆

2.3. Troubleshooting

Q: A fingerprint is not recognized or its capture speed is late.
A: Check whether the fingerprint or fingerprint sensor is wet or dirty.
Try again after wiping the fingertip and the sensor.

Q: A fingerprint is not authenticated. Fingerprint authentication and the button do not work.
A: Check whether the fingerprint is deleted.

Q: The lock is not released after authentication.
A: The lock may be out of order. Please contact the support center.

Q: A ‘beebeep beebeep beebeep’ sound is made when the authentication (start) button is pressed.
A: The device is initialized. The initial password with ‘00000’ is allowed for access.

Q: A ‘beebeep beebeep’ sound is made when the authentication (start) button is pressed.
A: A security password is set up. Deactivate the security password to get back to normal operation.

Q: A ‘beebeep’ sound is made when the authentication (start) button is pressed.
A: There is no registered fingerprint user in the device.

Q: A ‘bee bee bee bee bee...’ sound is made.
A: It is a battery replacement signal. Replace batteries.

Q: The device turns off while a user registers and places fingerprint.
A: Register the fingerprint again to prevent error.

Q: A ‘beep’ sound continues and red LED and blue LED on the authentication (start) button are on.
A: Check whether the device is in Forced lock setting.

Q: The OPEN/CLOSE button does not work.
A: Check whether the OPEN/CLOSE button is locked.