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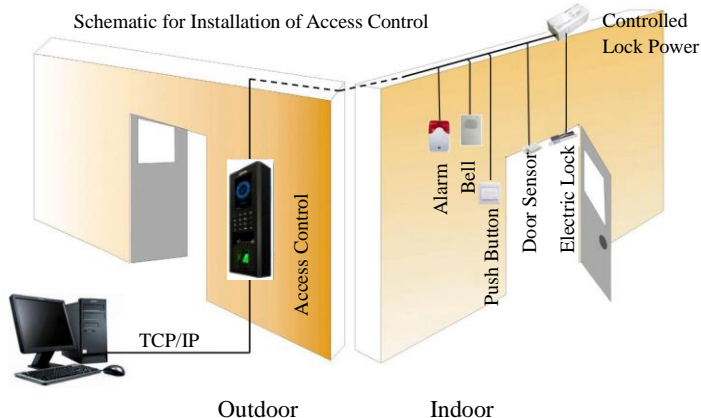
## Chapter One Product Overview

### 1.1 System Overview

The access control can operate in off-line mode, without being connected with the management software. For an access control used without the management software, functions of user validation period and real-time monitoring are not available.

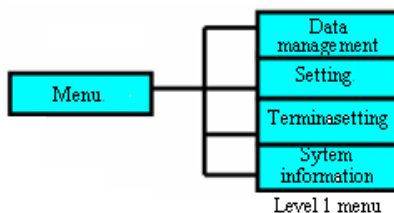
There are mainly two communication modes between the access control terminal and access control management system, namely, TCP/IP.

The system configuration is shown in the following diagram:



### 2.1 Menu

For the access control, you can use function keys and numerical keys to perform flexible menu selection, keyboard input and various settings. The



The level-1 menu includes three categories: record management, setting and system information. Each menu consists of different subordinate level-2 and level-3 menus to perform corresponding operations.

### 2.2.1 Menu structure

The constitutions of the level 1 menu are:

- 1) Data management: To register and delete the fingerprints, passwords and data on inductive card for users or administrators, and all records, and to set safe value of algorithm.
- 2) Setting: To set system parameters for the terminal.
- 3) Access control setting: To set parameters for the terminal.
- 4) System information: To examine the information recorded in the terminal.

The structure of level 1 menu is shown in the figure above. Only a super administrator is entitled to have access to “Setting” and “Terminal Setting” options in the level 1 menu. An ordinary administrator is granted access to only a part of level 2 menu under “Data management” (level 1 menu) and “System information” of level 1 menu.

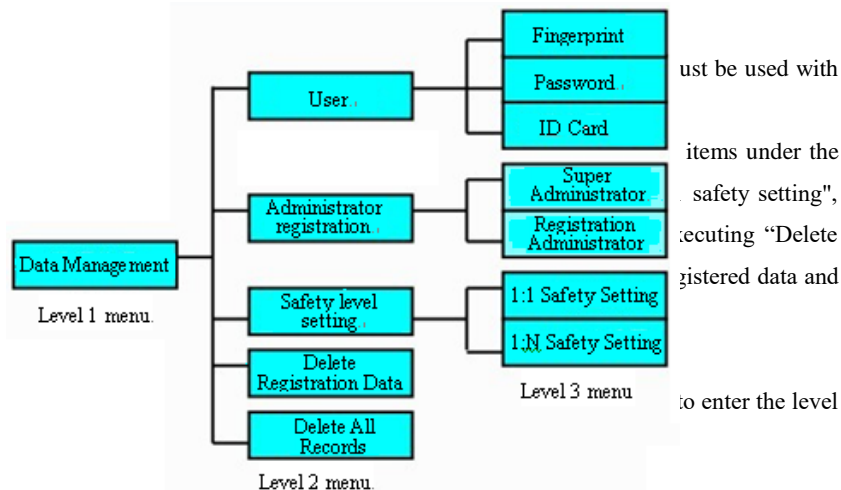
The structure of level 1, 2 and 3 menus are described as follows:

#### 2.2.12. Setting Menu

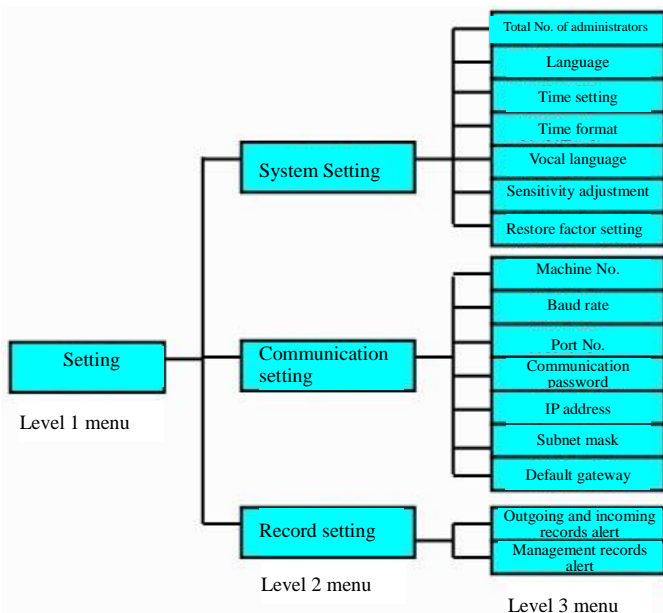
Select “Data Management” using ▲/▼ in level 1 menu. Then press “OK” to access the level-2 menu, which has totally 5 items. Move the cursor using ▲/▼ to select desired option among menus of the same level. Press OK to access the sub-menus of the selected menu. Press ESC to return to the higher-level menu.

Level-4 menu is contained in the “Super Administrator” and “Registered Administrator”, which are level 3 menus. The content of the menu is identical with the level-3 menu under “User Registration”.

The structure is shown below:



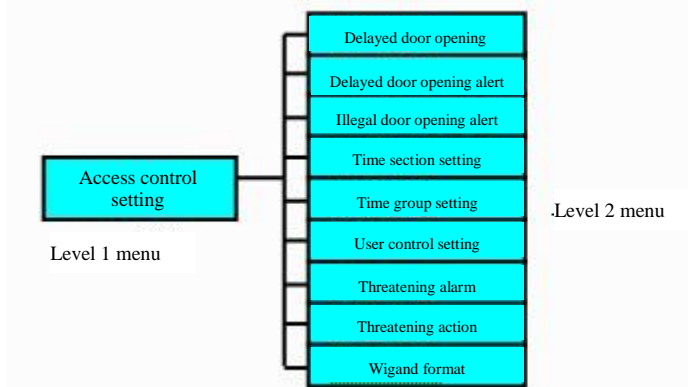
2 menu. This menu has three setting items, and there are corresponding sub-items (level 3 menus) under the level 2 menu. The structure is shown in the following figure.



Note: Only the super administrator is entitled to enter the following items under the level 2 menus: “system setting”, “communication setting” and “record setting”.

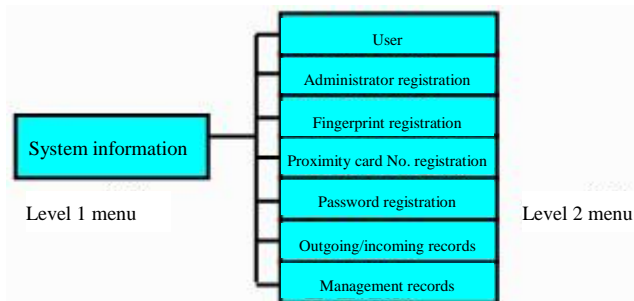
### 2.2.13. Access Control Setting Menus

In the level 1 menu, when the cursor is at “Access Control Management”, click “OK” to enter the level 2 menu. This menu has 9 setting items. The structure is shown in the following figure.



Note: Only the super administrator is authorized to enter the level 2 menu under “Access Control Management”.

#### 2.2.14. System Information Menu

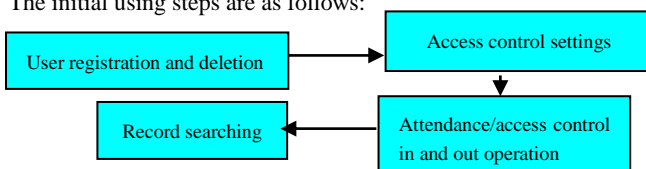


In the level 1 menu, when the cursor is at “System Information”, click “OK” to enter the level 2 menu. This menu has 7 items. The menu structure is shown in the above figure.

## Chapter Three Operation Flow

### 3.1 Initial Use

The initial using steps are as follows:



Detail operation steps are as follows:

### 3.1.1 Hardware Installation

For the detail installation steps and methods, please refer to Section 1.3.

### 3.1.2 User Registration

The fingerprint access control has three registration identification methods: fingerprint, password and inductive card. Before using, users must be registered. When registering, each user must use an exclusive ID number. ID number is the



Fig. 1

number of the user information in the management software corresponding to the data in the access control. Each ID number can be registered with 3 fingerprints, 1 group of password and one inductive card at most. ID number ranges 1- 65535. The standby interface of the access control is shown in [Fig. 1](#):

Fingerprint registration: Each user can register 3 fingerprints at most.

In standby mode, press “MENU” key, enter Menu Data Management User Registration Fingerprint Registration New Registration Input ID Number Press Finger three times Save, registration succeeds. The detail operation steps are as follows:



Fig. 2

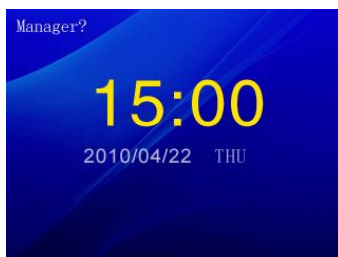


Fig.3

After pressing “MENU” key, the interface will be displayed (as shown in [Fig. 2](#)). If a administrator has been registered, the interface is shown in [Fig. 3](#). Before entering the menu, administrator verification must be done. For operating method, please see Section 4.1.

Under the interface shown in [Fig. 2](#), select “Data Management”, press “OK” key, the display is shown in [Fig. 4](#).



Fig. 4



Fig.5

Select “User Registration”, Press “OK” key to enter the registration type select interface (as shown in Fig. 5):

After selecting “Fingerprint Registration”, press “OK” key to enter the new registration interface (as shown in Fig. 6): Press “OK” key, the display is shown in Fig. 7. If it is used for the first time, the default ID number is 00001, which can be changed manually. Input corresponding ID number, then press “OK” key (as shown in Fig. 8):

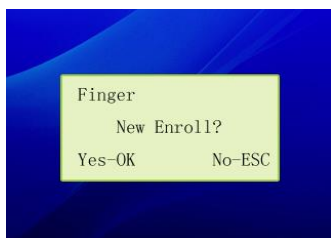


Fig. 6



Fig. 7

Press with the same finger for three times according to the instruction on the interface, the registration will be successful (as shown in Fig. 9):



Fig. 8

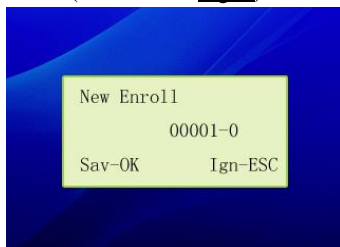


Fig. 9

*Note: The last digit “0” in 00001-0 represents the first fingerprint, and so on. The third fingerprint will be taken as the threatened alarm fingerprint by default.*

Press “OK” key to save the registration, After it is saved successfully, enter the

interface for continuing registration (as shown in [Fig. 10](#)). If you press “ESC” key, you will enter the back-up fingerprint registration interface (as shown in [Fig. 11](#)). For backup, input the registered ID number, use another finger to press for three times, and save it. If three fingerprints are not identical, failure will be prompted and re-registration will be required. When registering, if the system finds similar fingerprints, the registration will be rejected and “The fingerprint is repeated” will be displayed.

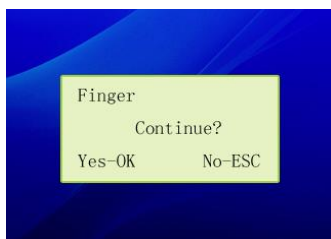


Fig.10



Fig. 11

Password registration: Each user can register one group of password besides 3 fingerprints.

Under the interface shown in [Fig. 5](#), select “Password Registration”, press “OK” key, the display is shown in [Fig. 12](#).

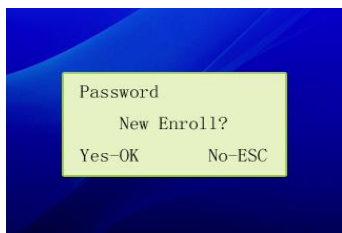


Fig.12



Fig.13

Under the interface shown in [Fig. 12](#), press “OK” key to enter the input state for registering numbers. After inputting numbers (for example: 00001), press “OK” key, the display is shown in [Fig. 13](#). Input an identical password (1-4 digits) twice, press “OK” key again to save it. Under the interface shown in [Fig. 12](#), press “ESC” key and input the registered ID number, a group of password can be registered for back-up or a registered password can be changed.

Inductive card registration: Each employee can register 1 inductive card.

Under the interface shown in [Fig. 5](#), select “Inductive Card Registration”, press



“OK” key, the display is shown in Fig. 14:

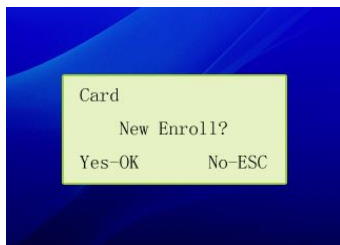


Fig.14



Fig.15

Press “OK” key to enter the input state for registering numbers. After inputting numbers (for example: 00001), press “OK” key, the display is shown in Fig. 15. After slotting the card, the card number will be filled in automatically. Press “OK” key again to save it. Under the interface shown in Fig. 14, press “ESC” key, input the registered ID number, a back-up inductive card can be registered or a new registration can be done.

Tips:

1> If no administrator is registered, anybody can change settings of the access control. After administrators are registered, the management menu for changing settings of the access control cannot be entered without administrators’ verification. Therefore, it is recommended to register one administrator at least for managing data and settings of the access control. Enter [Administrator Registration] menu, and then register according to the instructions. The operating steps of administrator registration is the same as that of user registration.

2> After administrators are registered, non-administrator users (ordinary users) have the rights to do attendance or open the door only.

3> Administrators include two types: “Super Administrator” and “Registration Administrator”. The “Super Administrator” has the highest privilege and can conduct any operation on the access control. The “Registration Administrator” has less right than the “Super Administrator”, and can only conduct operations such as “User Registration”, “Delete Registration Data of Ordinary Users” and check “System Information”. If you lost your management privilege, you can cancel the administrator privilege through the management software of the access control.

4> When conducting administrator verification, “Illegal Operation” will be prompted if registered information of ordinary users is input, the main menu cannot be entered

to conduct setting operation.

5> When inputting an ID number or a password, you can omit the front zeros of the numbers and directly input the rear numbers. For example: If your ID is 00050, just input “50”.

6> When the registration is completed, verify your fingerprints to test the effectiveness of your fingerprint registration. The testing method: In standby mode, press your registered fingerprints. If the identification is successful, it means that your fingerprints are clear and the registration quality is good. If the identification is difficult to pass, it means that the quality of your registered fingerprint is not good enough or your registered fingerprint is not clear, new registration or registration with another finger are needed.

### 3.1.1. Delete Registered Data

When an employee is resigned or the registration is error, the existing registration number should be deleted.

Enter “Menu” – “Data Management” – “Delete Registered Data”, enter the data delete state (as shown in [Fig. 16](#)), input the registered number to be deleted (for example: 00001), press “OK” to confirm (as shown in [Fig. 17](#)), press “OK” key again to enter the interface for deleting, press “OK” key directly to confirm and deletion will be done.



Fig.16



Fig.17

*Note: The last “0” of 0001-0 represents the first fingerprint, similarly, “1” and “2” represents the second and third fingerprint respectively. If it is “P”, it means that the password data will be deleted. If it is “C”, it means that the data of the inductive card will be deleted. Press up and down keys to select.*

### 3.1.2. Settings Relating to Access Control

After the user registration is successful, the user type should be selected through

the [User Control Setting] menu. If “Attendance” is selected, the user can do the attendance only, is not controlled by the privilege of the access control and does not have the right to open the door, and only the single identification mode can be used. If “Access Control” is selected, the user is controlled by the privilege of the access control, and have the right to open and close the door.

When using the access control function of the access control for the first time, settings such as “Time Section”, “Time Group” and “User Control Setting” must be set so that users can open and close the door normally. In standby mode, press “MENU” key, select “Access Control Setting”, enter the access control setting interface, there are 9 setting items (as shown in Fig. 18 and Fig. 19).



Fig.18



Fig.19

### 3.1.4.1 Time Section Setting

Fifty in and out time sections of the access control can be set at most. In and out time from Monday to Sunday can be set for each time section. Under the interface shown in Fig. 18, select “Time Section Setting”, press “OK” to enter the setting interface (as shown in Fig. 20). Press Up and Down keys to move the cursor to select the time section to be set, press “OK” key to confirm. Use Up and Down keys to select the date to be set, press “OK” key to move the cursor to the number, directly input numbers or press UP and Down keys to input the setting value, press “OK” key to confirm, finally press “ESC” key to exit and save it.



Fig.20



Fig.21

### 3.1.4.2 Time Group Setting

Set the time group of the access control. Users can be divided into different time

groups. Thirty time groups can be set at most. Under the interface shown in [Fig. 18](#), select “Time Group Setting”, press “OK” to enter the setting interface (as shown in [Fig. 21](#)). Press Up and Down keys to select the time group to be set, press “OK” key to confirm, and press “OK” key, move the cursor to the setting item “Multi-user”, “Time Group” or “Identification Mode”, and set each item. After setting is successful, press “OK” key to confirm, and press “ESC” key to exit and save.

Description:

1> Multi-user: The setting range is 0 – 5. Each time group can be set with 5 users at most. “0” means that the multi-user function is not enabled. If “1-5” is set, it means that the multi-user function is enabled, and the door will be opened only when users in the same time group sign in/out within 30 seconds, otherwise the door will not be opened. For example: If the value is set as “3”, the door will be opened only when 3 users in the same time group sign in/out within 30 sections.

2> Time section: Three different time sections can be set at the same time at most. If a user is not in the range of the set time section, the user cannot open the door.

3> Identification mode: Users of this group have 5 identification modes: Fingerprint – Password – Card, Fingerprint + Password, Card + Fingerprint, Card + Password, Card + Fingerprint + Password.

Note: If the multi-user function is started, the multi identification mode is invalid for multi-user, multi-user can only use single identification mode. The input order for time section in 01-01-01 can be random.

### 3.1.4.3 User Control Setting

Each user of the access control has an user control setting parameter. In the interface shown in [Fig. 18](#), select “User Control Setting”, press “OK” key, input the ID number to be set, press “OK” key to enter the interface shown in [Fig. 22](#), press Up and Down keys to select the parameter type to be

set and press “OK” key to confirm, press Up and Down keys to select parameters and press “OK” key to confirm, and press “ESC” key to exit and save.

Setting item description:

1> Type: Include two parameters: “Attendance” and “Access Control”. Users of attendance type are not controlled by the privilege of the access control and do not



User setting	
Type:	DoorKey
Group ID	1
User Time	No
Time	
Users Identify	No
Identify	Fp-Pw-Card
Users Date	No
确认 OK	返回 ESC

Fig.22

have the right to open the door, only the single identification mode can be used and attendance records will be produced. Users of access control type are controlled by the privilege of the access control and have the right to open and close the door.

2> Time group: Each access control user must be distributed to a time group and is controlled by the settings of the time group. There are 30 time groups can be selected.

3> Enable user time section: It is a switch setting. It controls whether the user uses his own time section or uses the time section of the time group. If “Yes” is selected, the user uses his own time section and is not controlled by the time section of the time group.

4> Time section: The user's own time section is the same as the time section of the time group. If “Yes” is selected in the “Enable User Time Section”, this time section will be effective, otherwise the time section of the time group will be effective. Note: After it is enabled, the user still is controlled by the “Multi-user” function of the user's time group. If the user time section is enabled, it is recommended that the time group of multi-user is not enabled.

5> Enable user identification mode: It is a switch setting. It controls whether the user's own identification mode is enabled or the identification mode of the time group is used.

6> Identification mode: It is the user's own identification mode. If “Yes” is selected in the “Enable User Identification Mode”, this identification mode is effective, otherwise this mode is not enabled.

7> Enable user valid period: User valid period must be set by the supporting software. If It is set as “No”, this function is disabled. If it is set as “Yes”, this function is enabled.

### 3.1.5 Attendance/Access Control Operation

After user registration and access control settings are completed, the access control can be put into use.

1. Access control identification operation: According to parameter settings of identification mode of the access control, 7 identification modes can be used: Fingerprint, Password, Card, Card + Fingerprint, Card + Password, Fingerprint + Password and Card + Fingerprint + Password.

1) Fingerprint identification: Fingerprint identification can be done by two ways:

1: N identification: Press your fingerprint on the fingerprint sensor. If the identification succeeds, voice prompt (“Thank You”) will be given out (as shown in [Fig. 23](#)).



Fig.23

1: 1 identification: Input your ID number on the keyboard, press your fingerprint when the screen is displaying “1: 1 Fingerprint Confirmation”. If the identification succeeds, voice prompt (“Thank You”) will be given out. If the identification fails, voice prompt (“Please Re-press Your Finger”) will be given out, meanwhile, the screen will display “Please Re-press Your Finger”.

2) Password identification:

In standby mode, input your ID number, press “OK” key – input password (1-4 digits) – press “OK” to confirm. If the identification succeeds, voice prompt (“Thank You”) will be given out. If the identification fails, the access control will sound “Click”, then the screen will display “Please input again”, you should conduct the identification again.

3) Inductive Card identification: In standby mode, put your inductive card close to the card slotting area of the access control. When your card is close enough to the card slotting area, the access control will conduct identification and give voice prompt (“Thank You”). If the identification fails or your card has not been registered, the access control will sound “Click”, and then the screen will display “Please input again”.

4) Card + Fingerprint: In standby mode, slot your card and press your fingerprint (The registered number of your fingerprint must be the same as that of your card), If the identification succeeds, voice prompt (“Thank You”) will be given out.

5) Card + Password: In standby mode, slot your card and input your password (The registered number of your password must be the same as that of your card), If the identification succeeds, voice prompt (“Thank You”) will be given out.

6) Fingerprint + password: In standby mode, press your fingerprint and then input the corresponding password. If the identification succeeds, voice prompt (“Thank You”) will be given out.

7) Card + Fingerprint + Password: In standby mode, slot your card, press your

fingerprint, and input your password. If the identification succeeds, voice prompt ("Thank You") will be given out.

2. The identification on the external reader is conducted as follows:

You can do attendance/access control identification on the access control. In addition, you can do the identification on the MF-10 and external inductive card reader which are connected with the access control.

A. MF-10 identification operation: The MF-10 only supports 3 single identification ways such as Fingerprint, Password and Inductive Card. Even the access control is set with multi identification mode, the multi identification mode will automatically change to the single identification mode when identification is conducted on the MF-10. For detail identification operating steps, please refer to Section 5.3.

B. Identification on the external inductive card reader is operated as follows: The inductive card reader only supports the single inductive card identification way. Even the access control is set with multi identification mode, the multi identification mode will automatically change to the single identification mode when identification is conducted on the inductive card reader. Its operating method is the same as the card slotting method of the access control and the MF-10. Please refer to Section 5.3.

### 3.1.6 Record Searching

After you do attendance or go in/out, records will be saved on the access control. You can download and view the records through the supporting management software. For detail operating steps, please see the instruction of the supporting software.

## 3.2 Daily Use

When you go in/out daily, you press your registered finger on the fingerprint sensor of the outdoor host machine. If the identification succeeds, the door will be opened and you can go in the door. When you go out the door, press the open button installed indoor (usually it is installed beside the door) to open the door.

## Chapter Four Management Operation

### 4.1 Enter Management Menu

Under standby state, press MENU key to enter management menu (as shown in

Fig. 2). If an administrator has been registered, it cannot be entered without administrators' verification. Press MENU key, wait until the interface displays "Administrator Identification", then perform identification. The identification method is the same as that for user identification. If the administrator identification failed (incorrect fingerprint, password or inductive card), "Illegal Operation !" will be displayed and audible indication will be given out. The administrator identification must be re-conducted. If the identification succeeds, the management menu interface can be entered.

## 4.2 Data Management

The "Data Management" menu includes user registration, administrator registration, delete all data, delete all records and safety level setting.

User registration: please refer to Section 3.1.2.

Administrator registration: Under the data management interface (as shown in Fig. 4), select Administrator registration, press OK key to enter the selection interface of administrator right (as shown in Fig. 24). The registration method is the same as that of user registration.



Fig.24

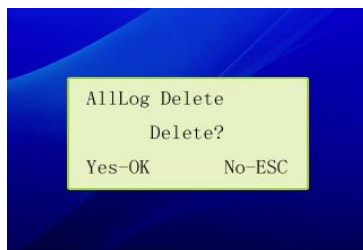


Fig.25

Delete all data: Please refer to Section 3.13.

Delete all records: Enter Menu → Data management → Delete all records, press OK key, all records will be deleted (as shown in Fig. 25).

Note: All records deleted from the above menu cannot be recovered, please be careful.

Safety level setting: The detail functions are as follows:

Setting items	Setting value	Description
1:1 Safety setting	1~50	For some users who are difficult to pass identification, this value can



		be lowered so as to improve identification pass rate.
1:N Safety setting	1~4	Based on all users' safety level value, generally it is set as 1.
Factory default setting	1:1 default as 27, 1: N default as 1	

### 4.3 Setting

It is used to set system parameters. Press [MENU] → [SETTING] to enter the menu, including 3 items: system setting, communication setting and record setting (As shown in Fig. 26).



Fig.26



Fig.27

System setting: Under the interface as shown in Fig. 26, select System setting, press OK to enter it, its interface is shown in Fig. 27. The detail description is as follows:

Setting items	Setting value	Description
Total number of administrators	1~10	Set the total number of administrators of access control The factory default is 5.
Language	-----	Including Simplified Chinese, Traditional Chinese and English. The interface displays in Simplified Chinese, Traditional Chinese and English. The factory default is Simplified Chinese.

Time setting	-----	Use the up and down arrows to select correct date numbers to set the date of the access control.
Time format	Year/Month/Day or Month/Day/Year	Press up and down arrows to select the display order of the date of the access control. The factory default is “Year/Month/Date”.
Voice prompt	Yes or No	If you select “Yes”, you will hear voice prompt when conducting identification. If you select “No”, you will not hear voice prompt when conducting identification. If the identification succeeds, the buzzer will sound “Click, Click, Click” three times. If the identification fails, the buzzer will sound “Click” one time only. The factory default is “Yes”.
Sensitivity adjusting	-----	If this item is selected, the access control will adjust the inductor to the best state.
Restore to factory setting	-----	After this item is selected, all data on the equipment will be cleared and all settings will be restored to factory default value. Please be careful when using this function.

Communication setting: communication settings includes 7 items such as machine number, baud ratio, port number, communication password, IP address, subnet mask

and default gateway. The detail description is as follows:

### 1> Machine number

Setting value	Description
1~255	Set the number of the access control
Factory setting	1

Note: Machine number is the unique ID for the machine. If access controls with the same machine number are used in the same network, not only can they not work properly, but also the access control management software will be confused when acquiring the time attendance record, therefore, one access control can be set with a unique number only when connecting to the network.

### 2> Baud Ratio

Setting items	Setting value	Description
Baud ratio	-----	The lower the setting value is, the more stable the communication will be, the further the transmission distance will be, but the transmission speed will be slower. Setting value includes 9600bps, 19200bps, 38400bps and 115200bps.
Factory setting	19200bps	

Note: If RS485 communication mode is selected, this value will be effective, furthermore, the value must be set consistently to the communication ports, otherwise, no communication can be made. It is recommended to use baud ratio 19200 bps.

### 3> Port Number

Setting items	Description
1—9999	Set the software port of the TCP/IP communication of the terminal

Factory setting	5005
-----------------	------

Note: The port must be consistent to the port number of the software in the PC administration machine.

#### 4> Communication Password

Setting items	Description
0—999999	Set the access password when using TCP/IP communication
Factory setting	No

#### 5> IP Address

Setting items	Description
192.168.10.224	Set the IP address to access the machine when using TCP/IP communication
Factory setting	192.168.10.224

Note: The IP address in the LAN is unique.

#### 6> Subnet Mask

Setting items	Description
255.255.255.000	Set the subnet mask of the LAN when using TCP/IP communication
Factory setting	255.255.255.000

Note: The subnet mask must be consistent to that of the LAN.

#### 7> Default Gateway

Setting items	Description
192.168.010.001	Set the default gateway of the LAN when using TCP/IP communication
Factory setting	192.168.010.001

Note: The default gateway must be consistent to that of the LAN.

Record setting: Record setting includes 2 items. The detail description is as follows:

#### 1> Management record warning

Setting value	Description
---------------	-------------

No	The terminal will not warn when the records are overflowed. If the management records are overflowed, the terminal will be overwritten with previous management records.
1—255	The terminal will inform the overflow of management records based on the set value. If the value is 100, warning will be given out from the 901 <sup>st</sup> record. If the management records are overflowed, the terminal will be overwritten with previous management records.
Factory setting	100

Note: If the memory space of user management records is nearly full, display or warning tone will be given out, please handle the records in time.

#### 2> In and out record warning

Setting value	Description
No	The terminal will not warn when in and out records are overflowed. If identification records are full, read identification records in the terminal will be overwritten.
1-1500	When the remaining record space in the terminal is at the set value, warning will be given out. If identification records are full, read attendance records in the terminal will be overwritten.
Factory setting	1000

## 4.4 Access Control Setting

It is used to set user rights, Press [MENU] → [Access control setting] to enter its menu. The menu include 9 settings: opening delay, opening overtime alarm, illegal opening alarm, time section setting, time group setting, user control setting, threatened

alarm, threatened action and Wigand mode. The interface display is shown in Fig. 18 and Fig. 19.

For “Time Section Setting”, “Time Group Setting and “User Control Setting”, please refer to Section 3.1.4. For opening delay, opening overtime alarm, illegal opening alarm, threatened alarm, threatened action and Wigand mode, the detail descriptions are as follows:

#### 1> Opening delay

Setting items	Description
No ~ 255	setting the length for opening door, the unit is “second”
Factory setting	5

Note: If it is set as “0”, the door will be opened for a long period and will not close automatically after it is opened.

#### 2> Opening overtime alarm

Setting items	Description
No~3600	Set the overtime period for giving an alarm after the door is opened. The unit is “second”. When it is set as “No”, the alarm function will not be started.
Factory setting	No

#### 3> Illegal opening alarm

Setting items	Description
No~255	After the value is set, if the door sensor detects that the door is opened illegally, the machine will start alarming. The unit is “second”. When this value is set as “No”, the alarm function will not be started.
Factory setting	No

Note: There are three ways to disable the illegal alarm relay: 1. Shut down the illegal opening alarm from the controller. 2. Send “shutdown ” order to the controller from the host computer. 3. After the door is closed, give a normal opening lock signal.

#### 4> Threatened alarm

Setting items	Description
Yes	Start the threatened alarm function
No	Close the threatened alarm function
Factory setting	No

#### 5> Threatened action

Setting items	Set value	Description
Open the door	Yes	When identification is done by the third back-up fingerprint, the door will be opened only.
	No	When identification is done by the third back-up fingerprint, the door will not be opened.
Alarm	Yes	When identification is done by the third back-up fingerprint, the alarm will give out silent alarm, but the door will not be opened.
	No	When identification is done by the third back-up fingerprint, the alarm will not give out silent alarm and the door will not be opened.
Open the door + alarm	Yes	When identification is done by the third back-up fingerprint, the door will be opened and the alarm will give out silent alarm.
	No	When identification is done by the third

		back-up fingerprint, the door will be opened only or alarm will be given out only.
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Note: Threatened alarm action is effective only when the threatened alarm function is started and only one of above three items can be set as “Yes”. Three fingerprints must be registered. The third fingerprint is used as the threatened fingerprint by default. When a normal opening signal is given, alarm can be removed.

#### 6> Wigand mode

Set value	Description
26	The Wigand output mode is WG26 mode
34	The Wigand output mode is WG34 mode
Factory setting	26

Note: If the Wigand output mode is 26, its external card reader must be WG26 mode. If the Wigand output mode is 34, only the external card reader with WG34 mode can be compatible.

## 4.5 System Information

It is used check the storage state of the access control, press [MENU] → [System Information] to enter its menu, which includes 7 items. The detail descriptions are as follows:

Setting items	Description
User registration	Check the total number of user registration
Administrator registration	Check the total number of administrator registration
Fingerprint registration	Check the total number of fingerprint registration
Inductive card number registration	Check the total number of inductive card number registration
Password	Check the total number of password



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registration	registration
In and out record	Check the total number of in and out records
Management record	Check the total number of management records