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# User Manual

Version: 1.1

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Elevator IC Card Control System consists of two parts, i.e. Client Terminal and Administration Terminal. The Client Terminal refers to the Elevator IC Card Controller which is installed inside of COP (Car Operating Panel), the Administration Terminal composes of Elevator IC Card Reader and Management System Software. The IC Card Control operation is applied when the elevator is in auto mode and IC Card control function is enabled. This system is normally used in residential community area, and through the access permission authorization to control the car call registration.

- Elevator Access Permission Control: To configure owners access permission optionally.
- Time Limit and Count Limit of Usage Control: To control the time of usage and number of usage times freely.
- Programmable Accessible Floor for using IC Card Control: To configure any floors access permission with IC Card Controller.
- Report Lost or Disabled Cards: To register any specified IC cards which are lost or disabled.
- Cancel Lost or Disabled Cards: To recover any specified IC cards which have been previously registered as lost or disabled.
- Data Management: To view information and record distributed IC cards to view payment information and payment record.
- Controlled Data Management: To read the information from IC Card Controller such like information on lost or disabled IC cards, to view IC Card usages and to adjust the date/time.

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IC Card Control is operative when the following conditions are fulfilled:

- Elevator is in automatic mode and without errors
- IC Card Control function is set to enable by Car Control Board in the COP

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1. Installation and commissioning of IC Card Control at elevator COP
  2. Enable IC Card Control and set floor accessibility as controlled or uncontrolled
  3. Installation of IC Card Management System
  4. Configuring IC Card Management System
  5. Distribute Property Management Cards and setup IC Card Controller identifier at elevator COP
  6. Distribute Owner Cards and payment management
  7. Data Searching and Management
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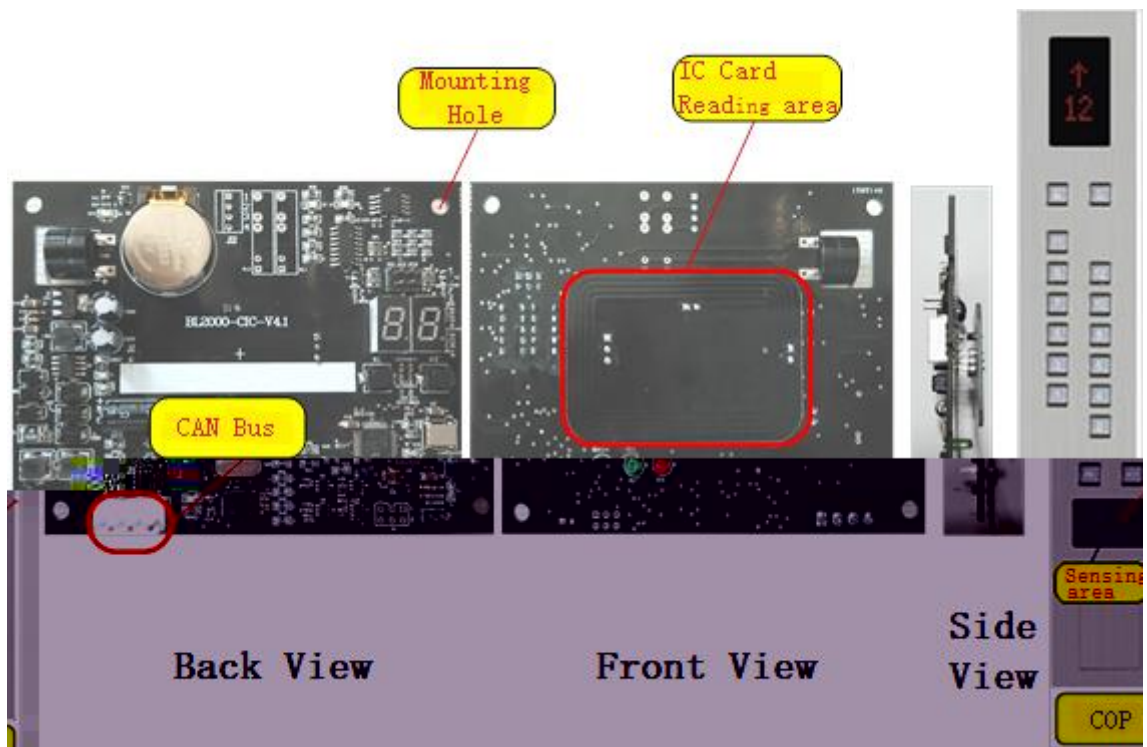
1. Terminal Connection Definition

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Power Terminal Port PW	1	24V	24V Power
	2	GND	System ground
	3	CANH	CAN Communication H
	4	CANL	CAN Communication L

2. Installation Layout Diagram

Device and installation are shown as following. Affix the reading area close to the sensing area.



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### **G3. Dimensions**

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Enable	Open JC3, Open JC1, Short JC2
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Enable	Open JC3, Short JC1, Short JC2
Function	To communicate with IC Card Management System Software
Description	through the IC Card Management System Software it is possible to set control board date and time, to read the date and time, to retrieve usage of IC card history and control information, to initialize the usage information storage and the control information storage and etc. Please refer to section 4 for detail description of operation.

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Enable	Short JC3, Short JC1, Short JC2
Function	To initialize the IC Card Control Board usage information and control information sections
Description	After the control board is power up, the digital display will show function code 01.  scroll through the function codes 01 → 02 → 03 → 01, and to enter the corresponding function code. Displaying 01 is to clear usage information and control information; displaying 02 is to clear control information; display 03 is to clear usage information. In this function code, pressing key to scroll through the operation codes 01 → CA → CO, where CO is to CONFIRM the operation and awaiting for K1 key for confirmation; and is to CANCEL the operation and awaiting for K1 key for confirmation.

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IC Card Control Board using buzzer

to indicate error occurs and digital display SM2 and SM1 to show the card swiping operation and error codes.

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Setting Card	Setup system identification		Buzzer sounds once		
	To report lost or disable specified IC Card of the IC Card Control Board				
	To report lost or disable all IC card of the IC Card Control Board				
	Resume lost or disable IC card				
Public Card	Valid public card				
User Card	Valid user card				

Error Handling Type 0		<b>C</b>				<b>P</b>
	1	Invalid IC Card type				

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
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1. Download IC card management software from link:

[http://iecs.com.cn/soft/iccardmanager\\_en\\_v4.rar](http://iecs.com.cn/soft/iccardmanager_en_v4.rar)

2. Decompress file, find this icon  and open it. The following figure will show up since the program has not been activated.

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3. Send the 8digit Device Serial Code to Bluelight staff from will reply with an 8digit



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Plug the device to the USB port of the Personal Computer.

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some computers do not need to install USB driver to connect this device. Otherwise, find icons, run PL2303 or



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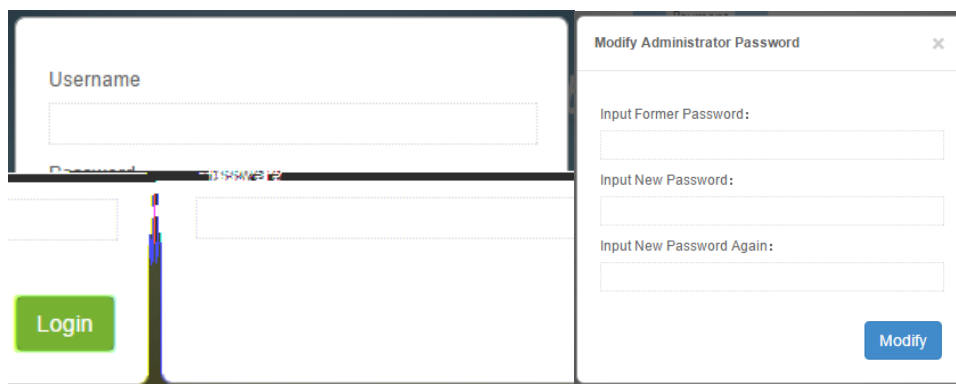
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First time for super administrator to login:

Username:

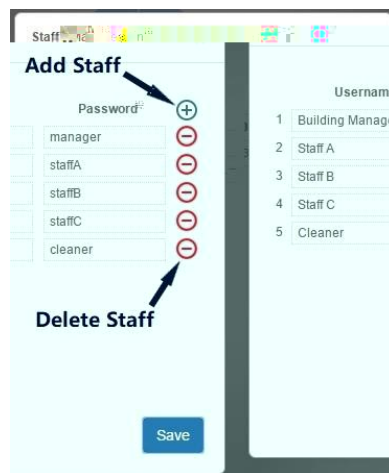
Password:

After login, click **Change Password** at the bottom left of the page can change the administrator password.



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With super administrator login, click **User Config** at the bottom left of the page can enter Staff Management dialog window. In this window, super administrator can add, delete, edit staff username and password. Then click **Save** to save change.



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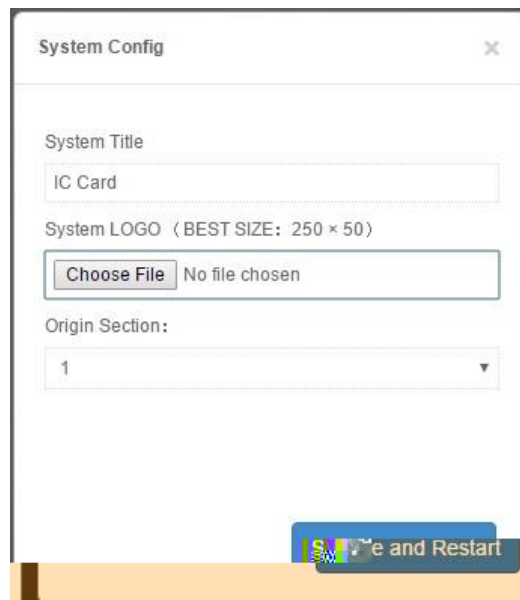
With super administrator login, click **System Config** to enter system configure dialog window. In this window:

'System Title' is the title displayed in the upper left corner of this system platform window.

'System LOGO' is the picture displayed in the upper left corner of this system, default setting is of words "IC Card System". Upload a picture to change the display.

'Origin Section' is the starting disc sector at where system reads and writes IC card configures, the initial value is 1.

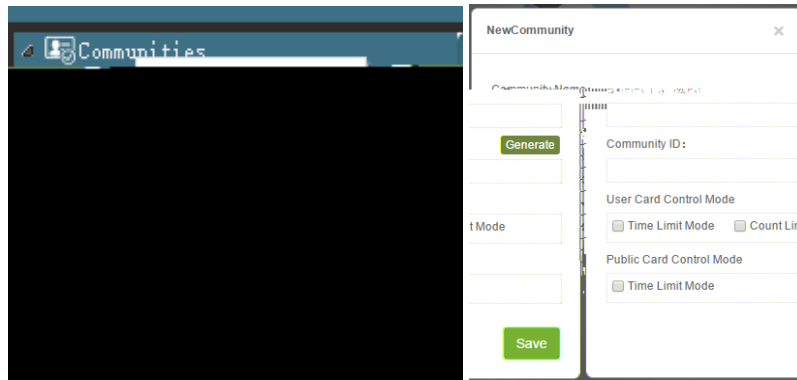
The above settings will be validated after clicking **Save and Restart** key.



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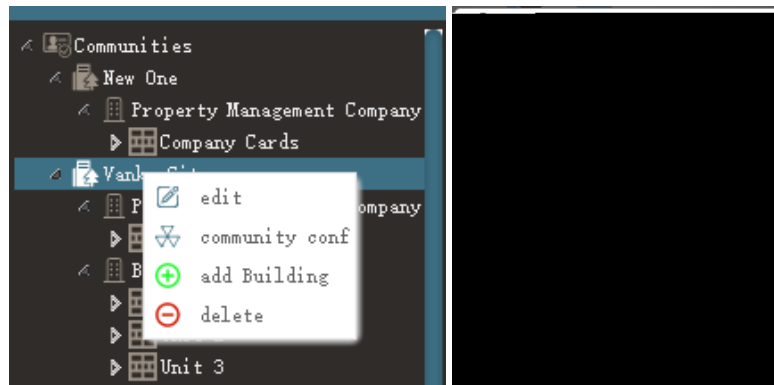
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Communities Management click **{Communities}** list in the left column, select 'add Community'. In the pop out window, fill in Community Name and Community ID. Assign community ID with hexadecimal number start from 0 to FFFFFFFF. ID numbers cannot be identical. Alternatively, click **Generate** will create ID number automatically. Choose to select User Card Control Mode from Times Limit Mode or Count Limit Mode. This will give IC card service restrictions. Also, choose to use Times Limit for Public Card Control Mode.



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Right click on a community name from communities list in the left column, in the menu, select 'delete' can delete this community, select 'edit' can change community name, double click on a community name can also change this community name, select 'community conf' can enter Community Management window. It is same as New Community window.



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Building Management: right click on a community name from communities list in the left column, in the menu, select 'add Building' can create a building configure under this community and then give the building a name. Users can name a building using Property Management Company and so on to manage the IC cards which are issued to staffs. Right click on a building name in the left column, in the menu, select 'delete' can delete this building configure, select 'edit' can change building name.



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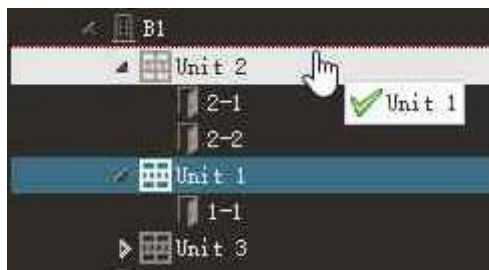
Unit Management: right click on a building name in the left column, in the menu, select 'add Unit' can create a unit configure under this building and then give it a name. Press Enter on keyboard to save it. Right click on a unit name in the left column, in the menu, select 'delete' can delete this unit configure, select 'edit' can change unit name, select 'elevator confi' can enter elevator configuration dialog: click【+】 can add an elevator controller. Then click to select a controller and use the red delete icon at



Household (Door) Management: right click on a unit name in the left column, in the menu, select 'add Household' can create a household configure under this unit and then assign the household with a room number, such as 312. If this building is a property management company, users can define room numbers such as 'cleaner card' or

household room number in the left column, in the menu, select 'edit' can change household room number, select 'delete' can delete this household configure.

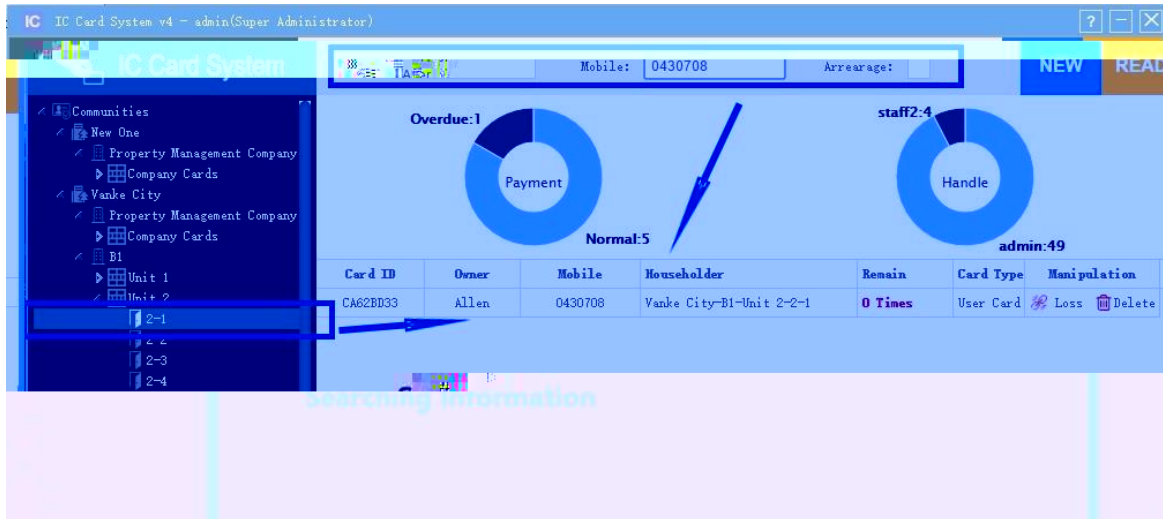
Change List Order: click and hold an item, no matter which class it is in, this item can then be dragged to any place inside of the current class. Thus, users can change list order.



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Click an item from any class in the left column: all the cards information of this item class could be found. For example, click a building name, all IC cards hold by the residents who live in this building, will be displayed in the right column. Click a household name, then only this household's IC card will be displayed. Keyword search from top of window: fill in Owner and Mobile, choose whether to tick Arrearage, then cards information of all the residents who meets this keyword conditions, will be displayed. The above two searching methods can be used together.



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After requested card is found, its information is listed in the right column. Click **Loss** to report this card as a lost card. Click **Recover** to recover this card from host and cancel the lost card report. Click **Delete** to delete this card registration and information.

Card ID	Owner	Mobile	Householder	Remain	Card Type	Manipulation
CA62BD33	Allen	0430708	Vanke City-B1-Unit 2-2-1	0 Times	User Card	Loss Recover Delete

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Connect IC card read/write device through serial communication port before issue new card, read card and write card. Follow instructions below: check connection state at the bottom left corner. If it indicates 'off-line', click **Serial Ports** and select the port that IC card read/write device connects to, for example 'COM3'. The connection state changes to related serial port number after connection successful. Click **Disconnect** to disconnect communication if need.



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When applying read card operation or simply click to select a card from display list, the IC Card Manage window will show up in the right side ~~of the~~ **display** window.

Select a 'Card Type' from three options:

**O** choose from time limit or count limit, limited access to specific elevators and floors (maximum 6 elevators), featured with payment, ~~lost~~ auxiliary function and other operations.

Public: no count limit, choose to use times limit.

Setting: no time limit or count limit, can update setting types: Default, Report lose/Shield by address, Report lose/Shield totally (all addresses), Recover.

Fill in Owner (card holder) name and Mobile number.

Set Expiry date (one at most) or Remainder time (not used often) as need

For User card to fill in Payment amount, do not fill in if not paid.

Using 'Auxiliary report of loss' function, click 'Choose a lost card' if the current owner's unit has ~~lost~~ card record, then write this card to recover from a lost card.

For User card to update 'Authority Information' click 'Add a new elevator authority' to add an elevator and select floors to give card accessibility. Move the mouse arrow to an elevator station box, click the circle on the upper left corner of box to select all stations, click the red cross mark on the upper right corner of box to delete this elevator from card. It can add up to 6 elevators.

After filling in this window, click **WRITE** to write information to the card. System will indicate 'Write Success' when finish.



IC Card Manage

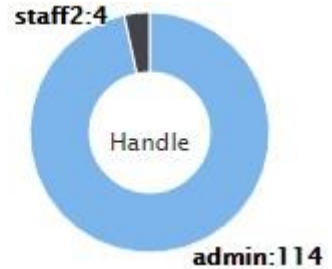
Essential information

Card ID	CA764AE3	Card Type	User Public Setting
Owner	<input type="text"/>	Mobile	<input type="text"/>
Household	Country Garden-20#-u 1-1-1		
Issuers	admin	Operation time	
Expiry date	2019-01-24 (Overdue)		

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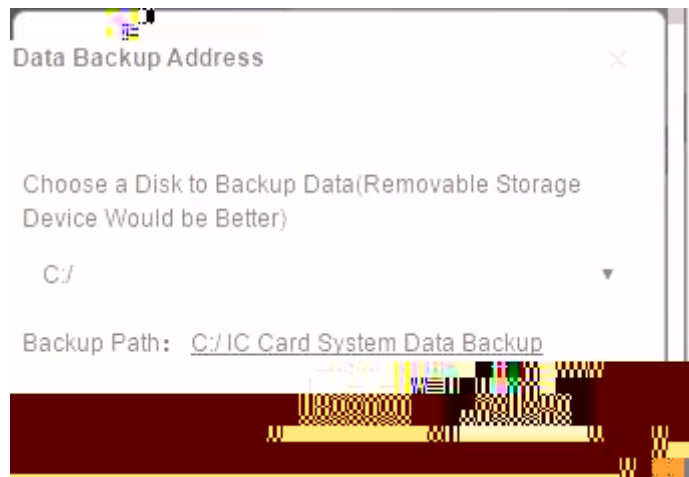
IC cards overdue statistic, administrator IC card handle history.



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Click **【Data Backup】** at the bottom right corner of system window, choose a Disk as backup address to store backup data (a removable storage device such as USB drive is recommended, please keep it safe).

If system does not backup for more than one week, it will give a reminder after login.



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