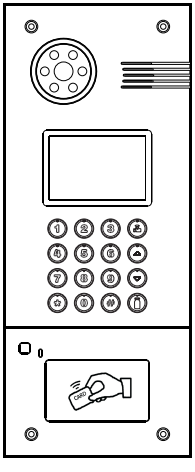
Installation and Operation manual

For TCP/IP Digital System



Model:PRO 5001IP

Outdoor Panel

■ Remark

Please follow the user manual for correct installation and testing, if there is any doubt please call our tech-supporting and customer center.

Our company applies ourselves to reformation and innovation of our products. No extra informing for any change. The illustration shown here only used for reference, if there is any difference please take the actual product as standard product.

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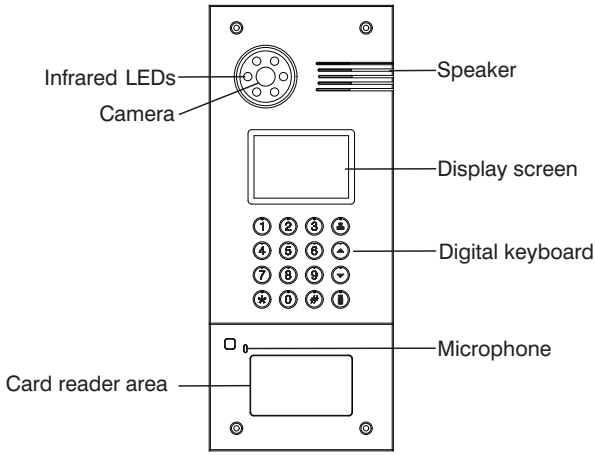
Pictures

Model: PRO 5001IP



Basic Function

1. Intercom with indoor monitor and management center.
2. Support IC/ID card.
3. Register IC/ ID card and backup the card information, store ten thousand IC/ID cards at most.
4. Password unlocking.
5. Support standard SIP protocol to communicate with IP phone and SIP software.

Technology Parameters

1. Working voltage：DC12V
2. Rated power: without heating film: 6W;
   with heating film: 12W
3. Standby power: without heating film: 3W;
   with heating film: 9W
4. Screen: 3.5"
5. Working temperature: without heating film: -10℃～+55℃;
   with heating film: -40℃～+55℃
6. Relative humidity: 20%～93%
7. IP grade: IP53
8. CPU: 350MHz
9. Memory: DDR2 1Gbit X 2
10. Flash: 2GB
11. Support the capacity of TF card: 32GB

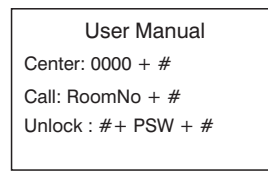
Package Contents

Seal Ring

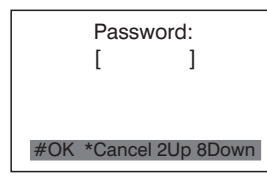
Screw Wrench

Basic Settings

Power on the outdoor panel, it will enter into the following interface:

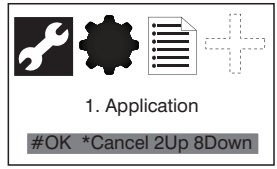


Press # button twice, the system will enter into the following interface:



Input 6 digits password (the default password is 123456) to enter the outdoor panel settings.

Press “2” button to page up, press “8” button to page down; press “#” button to confirm; press “*” button to go back.



Main interface includes the following contents:

Application—— system application parameters settings

System setup—— system configuration parameters settings

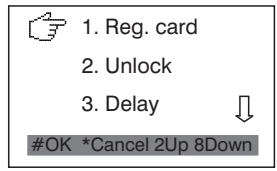
System information—— system parameters information

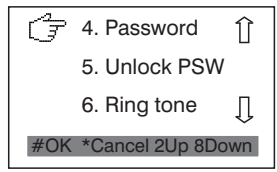
About us—— developer and version information

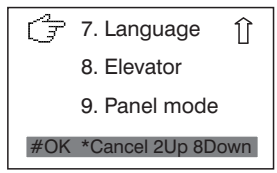
Select the content you want to set, then press “#” button to enter setting or press “*” button to cancel settings.

1. Application

Select “ Application”, then press “#” button to enter into the following interface:



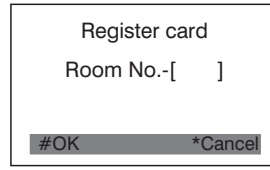




Press “2” or “8” button to page up and down.

1.1 Reg. card

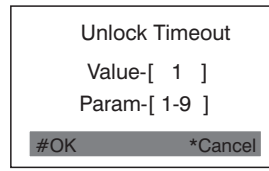
Select this item, then press “#” button to enter into the following interface:



Press room No. firstly, then get the access card closed to swiping card area, the system will display “ Success”, now this card registration is successful.

1.2 Unlock

Select this item, then press “#” button to enter into the following interface:



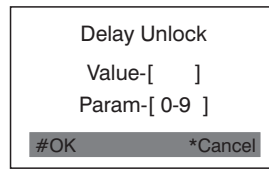
Press any digit from 1～9.

For example, if press 8, it indicates that the unlocking time is 8 seconds. When the user unlock the door, it will be closed after 8 seconds automatically.

Press “#” button to confirm the setting.

1.3 Delay

Select this item, then press “#” button to enter into the following interface:



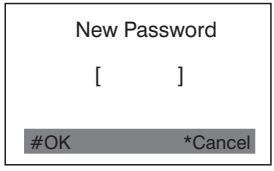
Press any digit from 0～9.

For example, if press 5, it indicates that the setting delay unlocking time is 5 seconds. When the user press “Unlock” button on the indoor monitor, the door will be open after 5 seconds.

Press “#” button to confirm the setting.

1.4 Password

Select this item, then press “#” button to enter into the following interface:

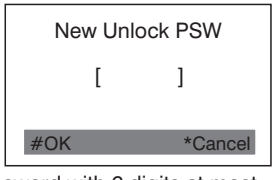


Input the new system password with 6 digits at most. Then press “#” button to confirm the setting.

Warning: Don’t forget the password, otherwise you have to return the device to the factory and apply for the new password.

1.5 Unlock PSW

Select this item, then press “#” button to enter into the following interface:



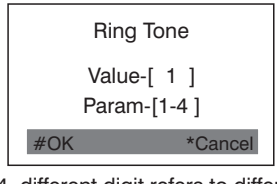
Input the new unlock password with 6 digits at most.

Press “#” button to confirm the setting.

Remark: The outdoor panel only has one unlock password.

1.6 Ring tone

Select this item, then press “#” button to enter into the following interface:

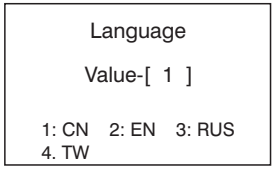


Press any digit from 1～4, different digit refers to different ring tone.

Press “#” button to confirm the setting.

1.7 Language

Select this item, press “#” button to enter into the following interface:



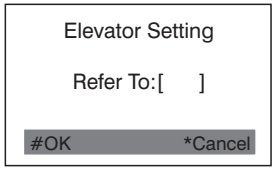
Press different digit from 1～4 to choose corresponding language.

“1: CN” is refer to Chinese, “2:” EN is refer to English, “3:” RUS is refer to Russian, “4. TW” is refer to Taiwanese.

Press “#” button to confirm the setting. After that, the system will restart and switch into the language you have changed.

1.8 Elevator (Optional)

Select this item, then press “#” button to enter into the following interface:



Set the referential floor, the parameters is 01～99. The referential floor is refer to the floor that outdoor panel exits.

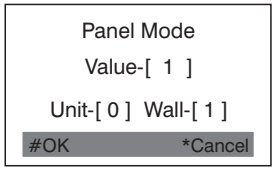
Press “#” button to confirm the setting.

When you unlock the door after setting, the elevator will fall to the floor that outdoor panel exits.

Remark: The feature is only available when the outdoor panel connects with extra elevator control module.

1.9 Panel Mode

Select this item, then press “#” button to enter into the following interface:



This device can be used as the outdoor panel or wall station by setting the panel mode.

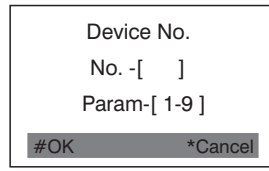
Press “0", this device is used as unit (outdoor panel for one building), and input “1”, it is used as wall station (outdoor panel for whole community).

Press “#” button to confirm the setting.

2. System Setup

2.1 Device No.

Select this item, then press “#” button to enter into the following interface:

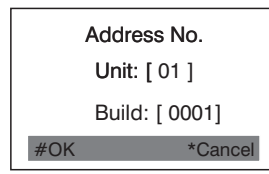


Press any digit from 1～9, there are 9 outdoor panels can be connected in one building at most.

Press “#” button to confirm the setting.

2.2 Address No.

Select this item, then press “#” button to enter into the following interface:



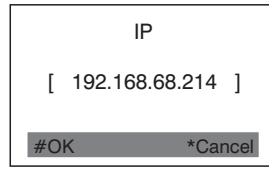
The address No. is the device address.

when the device is used as outdoor panel, input unit No. with 2 digits and building No. with 4 digits at most; when the device is used as wall station, the item will be invalid.

Press “#” button to confirm the setting.

2.3 IP

Select this item, then press “#” button to enter into the following interface:

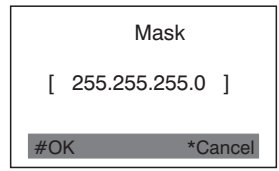


The IP Address which connected in the same local area network (under the same LAN) should be unique.

Input IP address, then press "#" button to confirm the setting.

2.4 Mask

Select this item, then press "#" button to enter into the following interface:

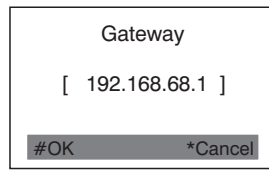


The default is 255.255.255.0.

Input mask, then press "#" button to confirm the setting.

2.5 Gateway

Select this item, then press "#" button to enter into the following interface:

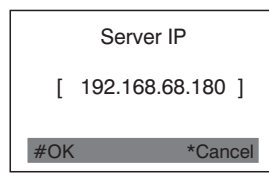


The default gateway is 192.168.68.1.

Input gateway, then press "#" button to confirm the setting.

2.6 Server

Select this item, then press "#" button to enter into the following interface:

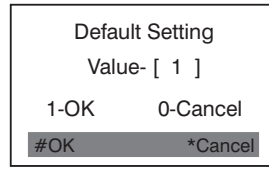


Server IP refers to the management software IP address, the default address is 192.168.68.180. If you don't need the management software, this setting will be invalid.

Input the server IP, then press "#" button to confirm the setting.

2.7 Default

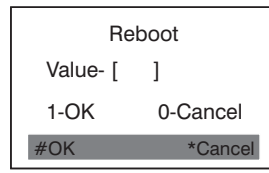
Select this item, then press "#" button to enter into the following interface:



Press "1" to indicate that all settings will be back to factory default; input "0" to indicate that give up the default setting. Then press "#" button to confirm. Or press "*" button to return the last step.

2.8 Reboot

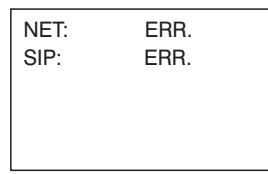
Select this item, then press "#" button to enter into the following interface:



Press "1" to indicate that system restart, input "0" to indicate that give up the system restart. Then press "#" button to confirm. Or press "*" button to return the last step.

3. System Information

Select this item, then press "#" button to enter into the following interface:



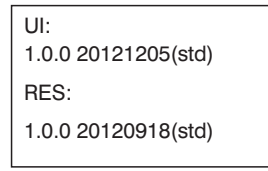
Press 2/up or 8/down button to check the relevant information of system.

NET: network connectivity status. When the system display “ERR”, the network is disconnected; when it displays “Ok”, the network is connected.

SIP: registration status of SIP server. When the system displays “ERR”, the SIP server is unregistered; when it displays “Ok”, the SIP server is registered.

4. About Us

Select this item, then press “#” button to enter into the following interface:

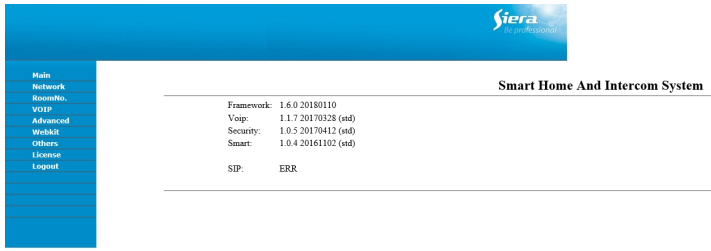


You can see the relevant information of system software version.

UI refers to the interface, RES refers to the interface release.

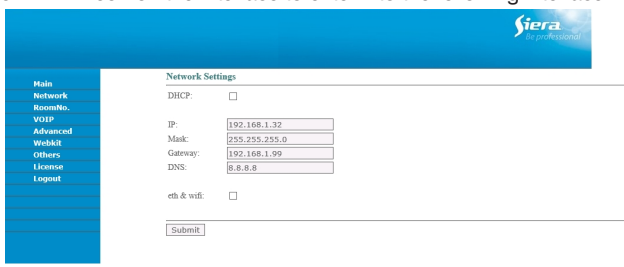
Web Settings

Connect outdoor panel and PC in the network switch and make them in the same LAN. Input IP address of outdoor panel in the web browser of PC, then input the user name and password(the default name is admin, the password is 123456) to enter into the following interface:



1. LAN setting:

Click “LAN” icon on the interface to enter into the following interface:



IP: IP address should be unique in the same LAN.

Mask: the default Mask is 255.255.255.0.

Gateway: it depends on IP address.

DNS: it depends on LAN.

Server IP: it is the same as the IP address of management PC.

NTP: it refers to network time protocol.

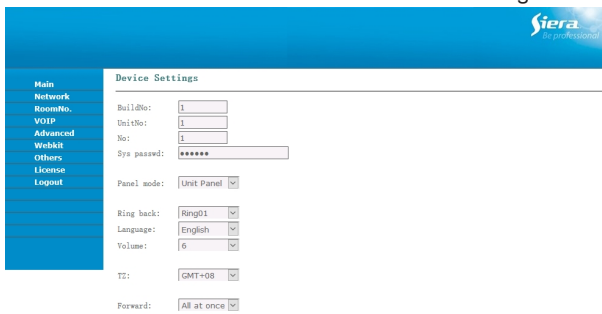
Usually, the communication among management center, indoor monitor and outdoor panel will be available in the same LAN; if they are not in the same LAN, you

need to set SIP server to support the communication.

Press “Submit” button to confirm settings.

2. Device setting:

Click “Device” icon on the interface to enter into the following interface:



Build and Unit No. should be the same with the outdoor panel setting.

No.: It is used for distinguishing that different outdoor panel in the same unit. When monitor the outdoor panel, choose the device No. to monitor corresponding outdoor panel.

Sys password: you can change the login password as you like (the default password is 123456).

Panel mode: unit panel, wall panel and personal panel for option.

① Unit panel: Used in one unit, calls residents in the unit and management center;

② Wall panel: Used in the entrance of community, call all outdoor panel in the community and management center;

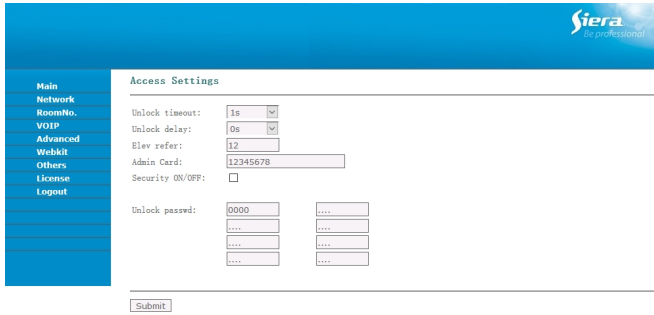
③ Person panel: It is reserved.

You can choose different ring back tone and volume for the outdoor panel.

Press “Submit” button to confirm settings.

3. Access setting:

Click “Access” icon on the interface to enter into the following interface:



Unlock timeout: After 1～9 seconds, the door lock is open.

Unlock delay: The door lock is open for 0～9 seconds.

Unlock password: It is used for unlocking the door, the default is 0000.

Elev refer: It is used for setting the floor that the outdoor panel exits, the parameter is 01～99.

Press “Submit” button to confirm settings.

Card registration:

1. You can input admin card No. directly, then click “Submit” icon to confirm the registration.

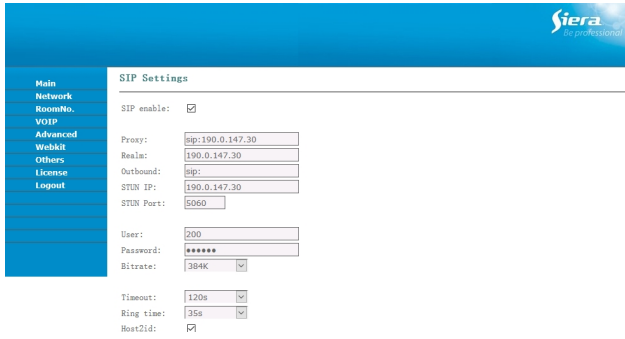
2. If you don’t know admin card No., please input “0” in the frame, and confirm the setting. Make the new admin card approach to the card reader, and the outdoor panel will sound a “Di” tone. It indicates that admin card registration is successful.

3. You need to use the admin card to register the unlock cards. Swipe admin card firstly, then swipe the new unlock card within 10 seconds. It will sound a “Di” tone and indicate the unlock card is successfully registered. If exceeds the time, it will be delayed for 10 seconds.

Note: the admin card cannot be regarded as unlock card and open the door.

4. VOIP:

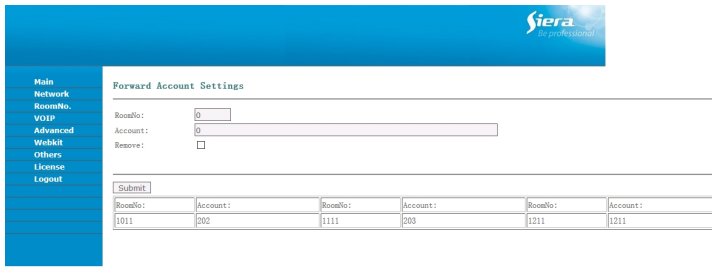
Click “VOIP” icon on the interface to enter into the following interface:



Input the relevant information if you have SIP server.

5. Forward (Call transfer):

Click “Forward” icon on the interface to enter into the following interface:



The room No. can be bound with IP phone No.. When someone calls it, and there is no answer within 25 seconds, the calling will transfer to the IP phone automatically. Please refer to the following steps:

① Input the room No. of indoor monitor, then input the Account No. you want to bind;

② If want to delete the Account No., input the room No. firstly, then select “Remove” in the frame;

③ Press “Submit” button to confirm settings.

When the outdoor panel calls the indoor monitor, it will transfer to IP phone, and you can make communication with IP phone accordingly.

Remark: This function should be valid with SIP support.

6. ExModule

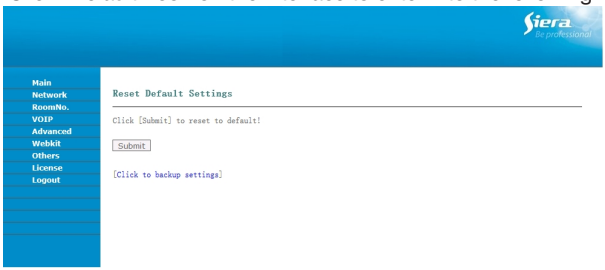
It is reserved.

7. Advanced

It is reserved.

8. Default:

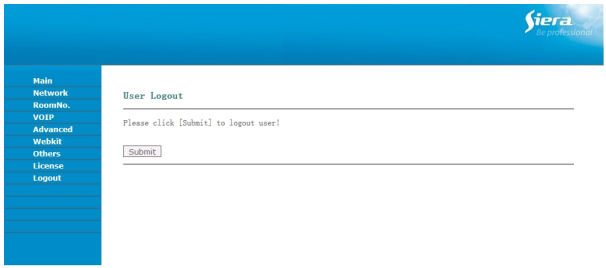
Click “Default” icon on the interface to enter into the following interface:



Click “Submit” icon, now all the registered card are deleted (admin card cannot be deleted).

9. Logout

Click “Logout” icon on the interface to enter into the following interface:



Click “Submit” icon to logout the system.

Basic Operation

1. Unit outdoor panel/ Wall station calls management center

Press “0000” or button to call management center directly.

2. Calling indoor monitor

2.1 Unit outdoor panel

Press the floor and room No. of indoor monitor (the digit is 3 at least). For example: if the floor and room No. are all 1, the user can press “101", then press “#” button to call.

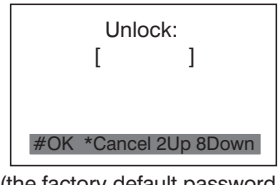
2.2 Wall station

Press Building No. +“#”+Unit No. +“#”+room No.+“#” button to call. (the digit is 7 at least.)

3. Unlock

3.1 Unlock with password

Press “#” button on the outdoor panel to enter into the following interface:



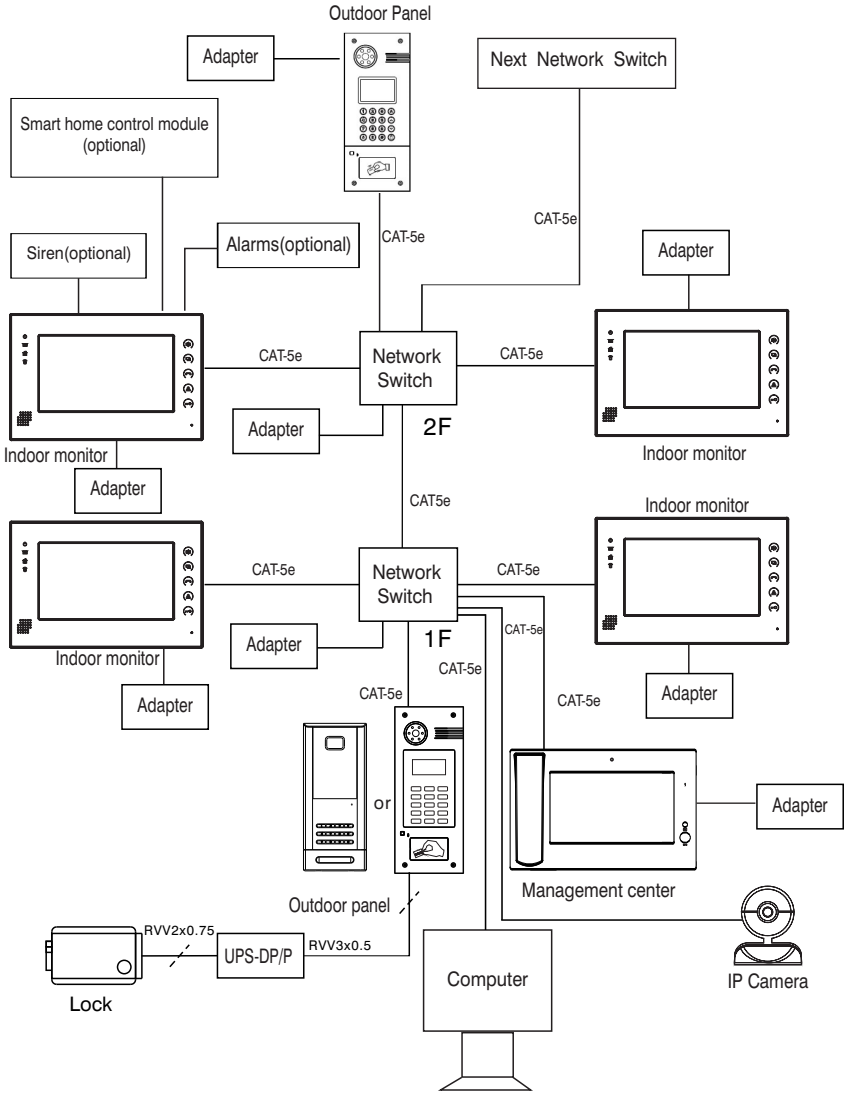
Input 4 digits password (the factory default password is 0000), then press “#” button to open the door.

3.2 Unlock with swiping card

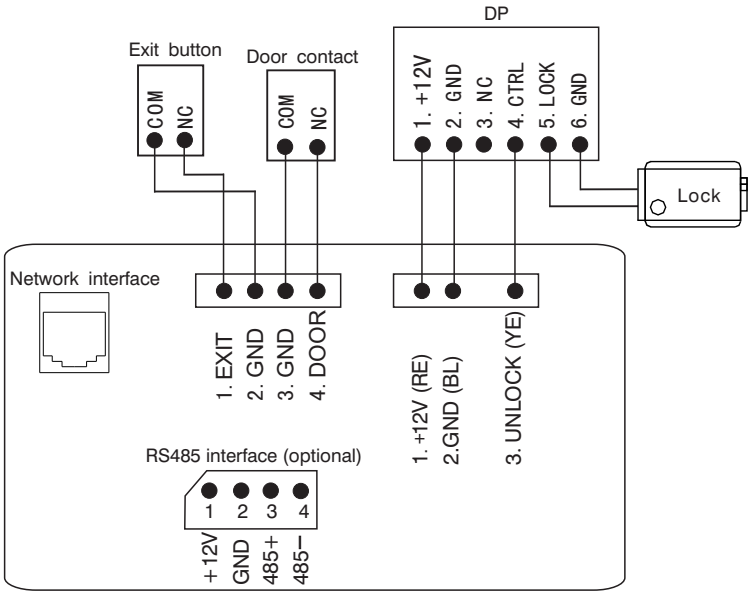
Get the registered ID/ IC card approach to the swiping card area on the outdoor panel.

If IC/ ID card has been authorized, the door will be open after swiping card, if not, the system will display “Failure”.

System Configuration



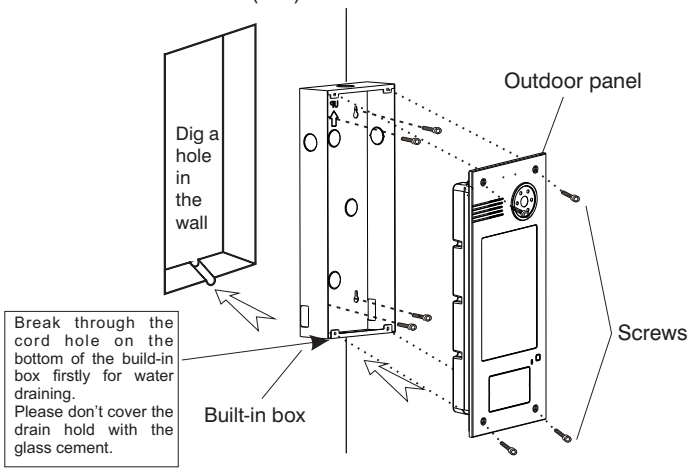
System Diagram



Installation

Wall mounted type

Built-in size: 140*351*55 (mm)



Notes

Maintenance of devices

1. Keep the clearance of the surface and use soft dry cloth to clean the dust of the product.
2. Please turn off the power of indoor unit when clean the indoor device.
3. If there is hard dirty which cannot be cleaned with dry cloth, please use the soft towel dipped in the neutral diluted detergent to clean the machine and then clear it with dry cloth.
4. Do not use benzene, thinner or organic solvents such as gasoline to clean, these solvents may cause damage to the machine casing or the surface of machine and change colors.

Matters need to be noticed

1. Read the instructions in this handbook carefully. Be sure to keep it for future reference.

2. Be sure to use only the power adapter and that your power source matches the rating listed for it. If you are not sure, check with your dealer or with your local power company.

3. Avoid strong hits or shocks. Do not use the power adapter if it is has received any hard knocks or looks damaged in any way; immediately contact an authorised service center.

4. The product should be placed where is stable, windy, air-dry, non-sunshine, non strong magnetic and non dusty.

5. Don't clean the surface with chemicals but with soft and clean dry cloth.

6. Don't press several buttons at the same time.

7. The outdoor and indoor unit must be matched with appointed specified models and cannot match with others that are not our products.

8. Don't disassemble the machine without authorization, if the need for fault repair, please contact the distributors or the company's tech-supporting department.