

## ■ 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.*



# Commercial in Confidence

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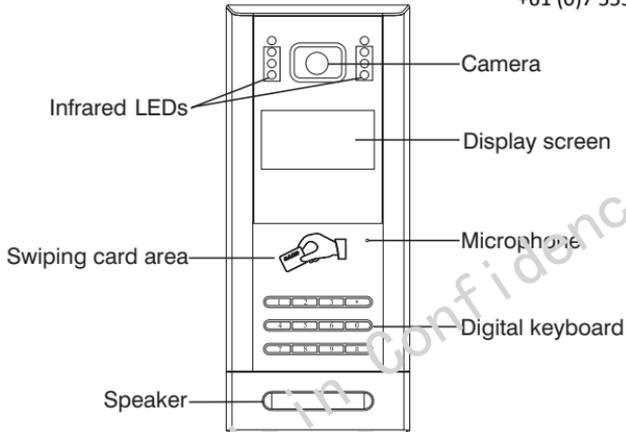
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# Pictures

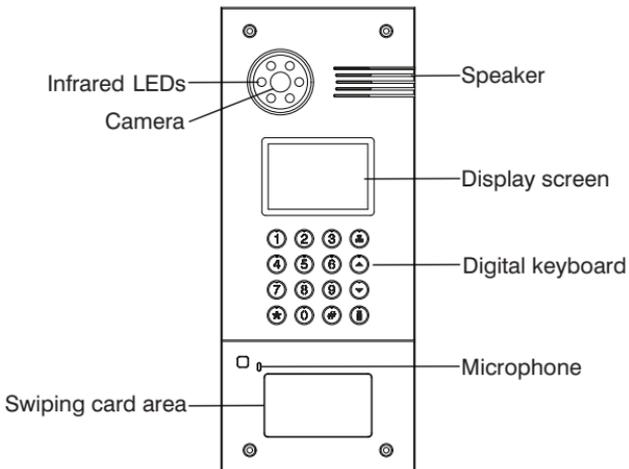
Model: D-A1

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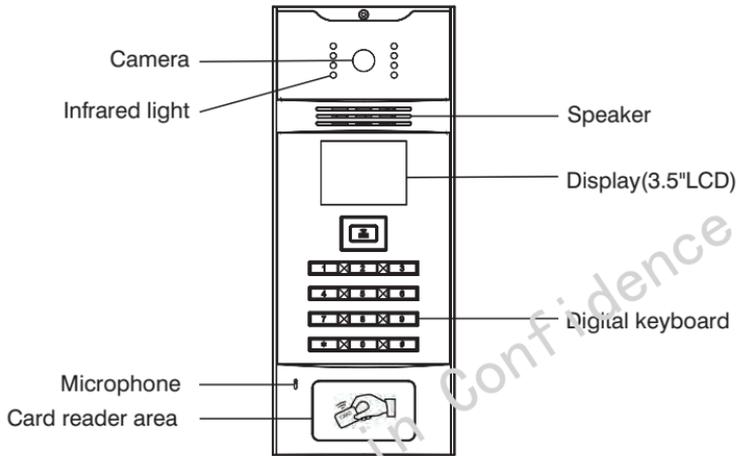
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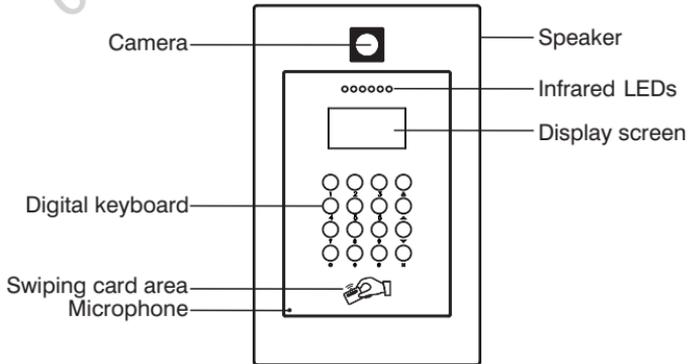
Model: D-A3



Model: D-X1 (with touch screen)



Model: D-X5 (with key board)



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## 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. Unlock by password, exit button, with door magnetic inspection.
5. Support standard SIP protocol.

## Technology Parameters

1. Working voltage: DC12V
2. Standby power: without heating film: 3W;  
with heating film: 9W
3. Rated power: without heating film: 6W;  
with heating film: 12W
4. Working temperature: without heating film:  $-10^{\circ}\text{C} \sim +55^{\circ}\text{C}$  ;  
with heating film:  $-40^{\circ}\text{C} \sim +55^{\circ}\text{C}$
5. Relative humidity: 20%~93%
6. Storage temperature:  $-20^{\circ}\text{C} \sim 70^{\circ}\text{C}$

## Basic Settings

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

User Manual Center: 0000 + # Call: RoomNo + # Unlock : #+ PSW + #
--

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

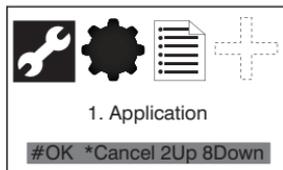
Password: [        ]
#OK *Cancel 2Up 8Down

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

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



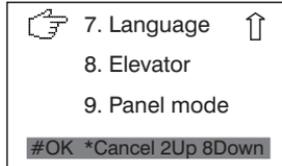
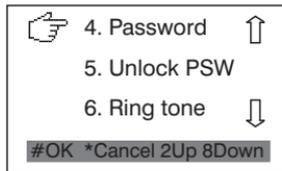
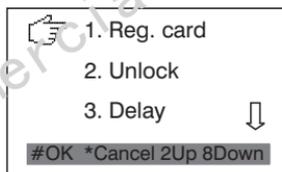
Main interface includes the following contents:

- 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:



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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:

Register card

Room No.-[    ]

#OK                      \*Cancel

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:

Unlock Timeout

Value-[    ]

Param-[ 1-9 ]

#OK                      \*Cancel

Press any digit from 1~9.

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

Press “#” button to confirm after setting, the system will display “ Success”, now the setting is successful.

### 1.3 Delay

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

Delay Unlock

Value-[    ]

Param-[ 0-9 ]

#OK                      \*Cancel

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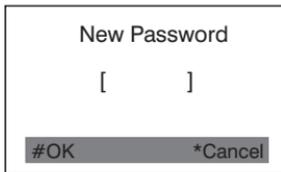
Press any digit from 0~9.

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 after setting, the system will display “ Success”, now the setting is successful.

## 1.4 Password

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



New Password

[ ]

#OK \*Cancel

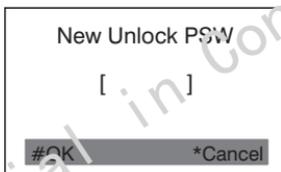
Input the password you want to change, the password has 6 digits at most.

Press “#” button to confirm after setting, the system will display “ Success”, now the setting is successful.

**Warning:** If you forget the password, you will not enter into the system and the password cannot be recovered, now the outdoor panel will be sent back to the factory. So kindly note that keep the password well.

## 1.5 Unlock PSW

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



New Unlock PSW

[ ]

#OK \*Cancel

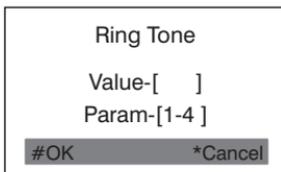
Input the password you want to change, the password has 6 digits at most.

Press “#” button to confirm after setting, the system will display “ Success”, now the setting is successful.

**Remark:** every outdoor panel has one unlock password only.

## 1.6 Ring tone

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



Ring Tone

Value-[ ]

Param-[1-4 ]

#OK \*Cancel

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

Press “#” button to confirm after setting, the system will display “ Success”, now the setting is successful.

## 1.7 Language

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

Language
Value-[    ]
1: CN    2: EN    3: RUS
4. TW

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

1 is refer to Chinese, 2 is refer to English, 3 is refer to Russian, 4 is refer to Taiwanese.

Press “#” button to confirm after setting, the system will display “ Success”. Now the system will restart and switch into the language you change.

## 1.8 Elevator

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

Elevator Setting
Refer To:[    ]
#OK                      *Cancel

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 after setting, the system will display “ Success”, now the setting is successful.

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

**Remark:** when elevator control device connected with the outdoor panel, this setting will be valid.

## 1.9 Panel Mode

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

Panel Mode	
Value-[ ]	
Unit-[ 0 ]	Wall-[ 1 ]
#OK	*Cancel

This device is used as the outdoor panel and wall station. The panel mode can be set through this item.

Press “0”, this device is used as outdoor panel, and input “1”, it is used as wall station. If choose unit, it only can call indoor monitors which connect with this outdoor panel; if choose wall, it will call all indoor monitors in the whole community.

Press “#” button to confirm after setting, the system will display “ Success”, now the setting is successful.

## 2. System Setup

### 2.1 Device No.

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

Device No.	
No. -[ ]	
Param-[ 1-9 ]	
#OK	*Cancel

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

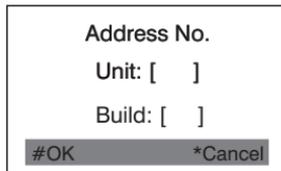
Press “#” button to confirm after setting, the system will display “ Success”, now the setting is successful.

### 2.2 Address No.

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

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Address No.  
Unit: [ ]  
Build: [ ]  
#OK \*Cancel

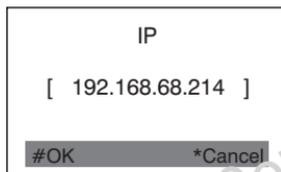
The address No. is the device address.

when the device is used as outdoor panel, input unit and building No.; when the device is used as wall station, the item will be invalid.

Press “#” button to confirm after setting, the system will display “ Success”, now the setting is successful.

### 2.3 IP

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



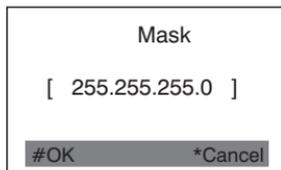
IP  
[ 192.168.68.214 ]  
#OK \*Cancel

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

Input IP address, then press “#” button to confirm after setting, the system will display “ Success”, now the setting is successful.

### 2.4 Mask

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



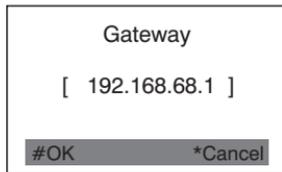
Mask  
[ 255.255.255.0 ]  
#OK \*Cancel

The default is 255.255.255.0.

Input mask, then press “#” button to confirm after setting, the system will display “ Success”, now the setting is successful.

## 2.5 Gateway

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



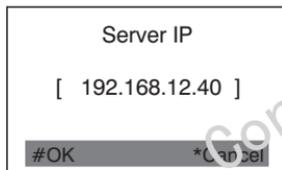
Gateway  
[ 192.168.68.1 ]  
#OK \*Cancel

The gateway is refer to the address of the network segment that device IP exits. The default is 192.168.68.1.

Input gateway, then press “#” button to confirm after setting, the system will display “ Success”, now the setting is successful.

## 2.6 Server

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



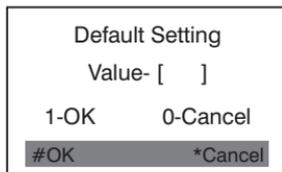
Server IP  
[ 192.168.12.40 ]  
#OK \*Cancel

Server IP is refer to the computer IP address that installed our intercom management software, the default is 192.168.68.180. If don't need management software, this setting will be invalid.

Input server IP, then press “#” button to confirm after setting, the system will display “ Success”, now the setting is successful.

## 2.7 Default

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



Default Setting  
Value- [ ]  
1-OK 0-Cancel  
#OK \*Cancel

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.

## 2.8 Reboot

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

Reboot	
Value- [ ]	
1-OK	0-Cancel
#OK	*Cancel

Press “1” to indicate that system restart, input “0” to indicate that give up the system restart. Then press “#” button to confirm.

## 3. System Information

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

NET:	ERR.
SIP:	ERR.

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 display “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:

UI:
1.0.0 20121205(std)
RES:
1.0.0 20120918(std)

You can see the relevant information of system software version.

UI is refer to the interface, RES is refer to the interface release.

## Web Settings

Connect the outdoor panel with the computer through the switch, then change computer IP, the outdoor panel IP and computer IP should be in the same network segment, input IP address in the web browser of the computer after that, 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 address should not be repeated in the same LAN.

The default Mask is 255.255.255.0, with no change under the normal circumstance.

IP of management software: the IP address of the digital management software installed on the management center.

The communication among management center, indoor monitor and outdoor panel

should be made in the same LAN usually; if they are not in the same LAN, the call will be made on the internet, now SIP server should be set.

Click "Submit" after setting, it will come into effect.

## 2. Device setting:

Click "Device" icon on the interface to enter into the following interface:

Streaming Media Solution

Device Settings

Build ID: [ ]  
Unit ID: [ ]  
Floor: [ ]  
Room: [ ]  
No: [ ]  
Eye password: [ ]  
Panel mode: Person Panel  
Ring tone: Ring01  
Language: English

Submit

Build and Unit No. is the build and unit No. that the outdoor panel exits.

The device No. of outdoor panel 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.

The password is used for logging outdoor panel setting (the default is 123456).

Three choice of panel mode for option: Unit Panel, Wall Panel and Person Panel.

To choose the ring track and language.

Click "Submit" after setting, it will come into effect.

## 3. Access setting:

Click "Access" icon on the interface to enter into the following interface:

Streaming Media Solution

Access Settings

Block timeout: 30  
Block delay: 00  
Block password: [ ]  
Block order: 1

Submit

The range of unlock timeout is 1~9 seconds.

Unlock delay is used for controlling the unlocking time, the range is 0~9 seconds.

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

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

Click "Submit" after setting, it will come into effect.

#### 4. SIP setting:

Click "VOIP" icon on the interface to enter into the following interface:

Streaming Media Solution

SIP Settings

Proxy:

Realm:

Password:

Outbound:

STUN IP:

STUN Port:

Sipsec Desc:

Sipsec:

Proxy is refer to the server URL agent by sip, the form is: sip: ip or sip: realm name.

Realm is refer to the scope that the device exits, it is same with IP or realm name usually.

Password is refer to the password accessed into sip agent server, offered by administrator of sip agent server.

Stun IP and Port are refer to the public network server IP and Port passed by NAT.

Click "Submit" after setting, it will come into effect.

#### 5. Forward account setting:

Click "Forward" icon on the interface to enter into the following interface:

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Room No. can be bounded with phone No., the specific operating steps is as follows:

1. Input room No., then input the Account No. you want to bound;
2. If want to delete the Account No., check "Remove" in the frame;
3. Click "Submit" after setting, it will come into effect.

#### 6. Extern Module Setting:

Click "EXModule" icon on the interface to enter into the following interface:



Check the frame behind "Voice GW" to star the matched voice gateway, the setting steps is as follows:

1. Input IP address of voice gateway in the IE browser of computer, the default IP address is 192.168.2.1, the default password is admin to enter into setting interface;
2. URL is refer to sip user ID of FXO port in voice gateway;
3. WAN port IP address of voice gateway is refer to URL IP address, the last port No. is refer to the system default port: 5062;

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## 8. User Logout:

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



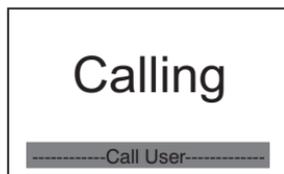
Click “Submit” to logout the system.

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# Basic Operation

## 1. Unit outdoor panel/ Wall station calls management center

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



## 2. Calling indoor monitor (the digit of indoor monitor is 1~4)

### 2.1 Unit outdoor panel

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

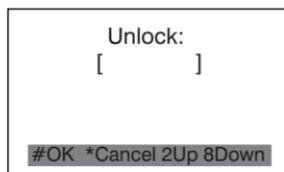
### 2.2 Wall station

Press Building No. + “#” + Unit No. + “\*” + room No. + “#” button to call.

## 3. Unlock

### 3.1 Unlock with password

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



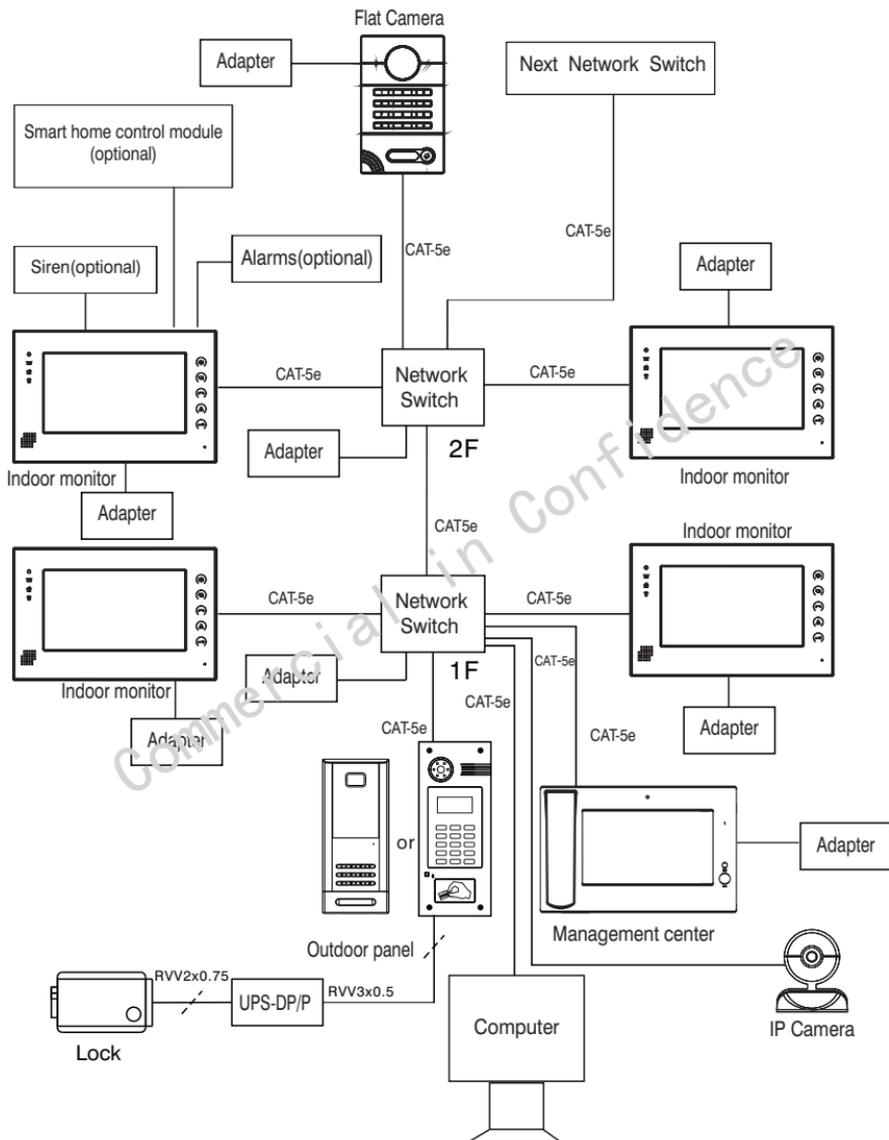
Input 4 digits password (the factory default password is 0000), then press “#” button. Now the door is open.

### 3.2 Unlock with swiping card

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

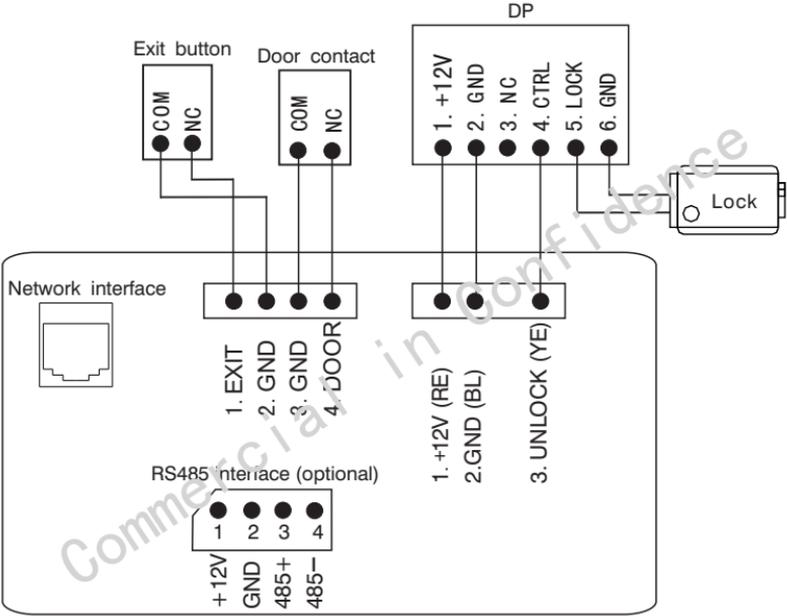
If IC/ IC card has been authorized, the door will be open after swiping card, if not, the system will display “Failure”.

# System Configuration



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# System Diagram



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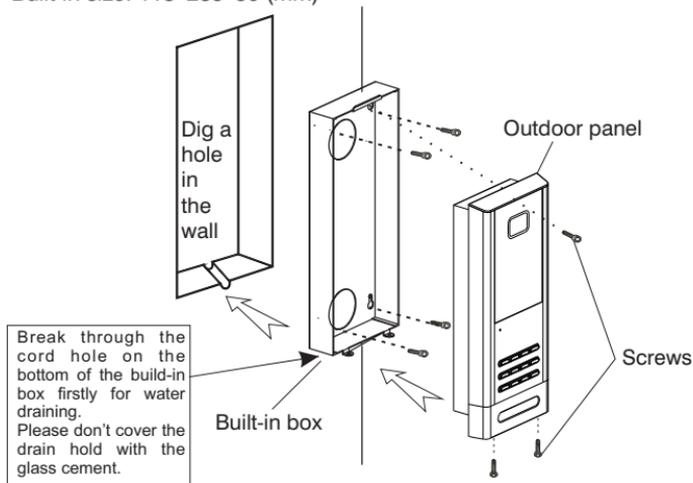
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# Installation

## Model:A1

Wall mounted type

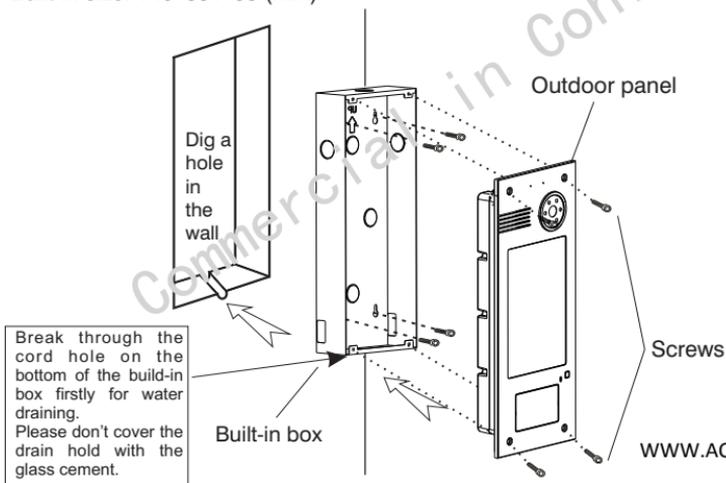
Built-in size: 118\*285\*50 (mm)



## Model:A3

Wall mounted type

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



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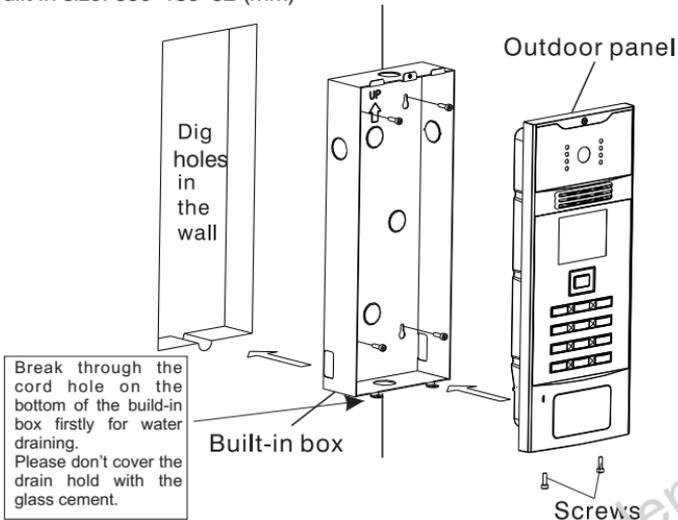
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Model:D-X1

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Wall mounted type

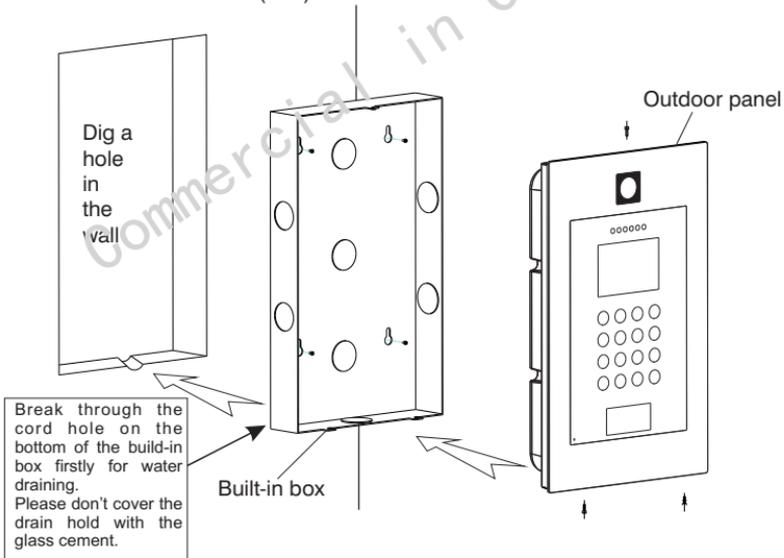
Built-in size: 350\*139\*52 (mm)



Model: X5

Wall mounted type

Built-in size: 192\*320\*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 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.

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