

DOOR STATION

MODEL:

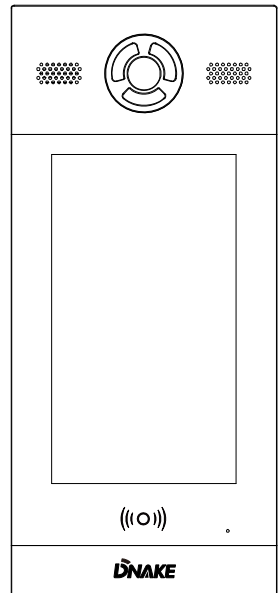
280D-B9

902D-B6

902D-B9

905D-Y4

905D-Y4 Pro



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 notice for any change. The illustration shown here is only for reference. If there is any difference, please take the actual product as the standard.

The product and batteries must be handled separately from household waste. When the product reaches the end of service life and needs to be discarded, please contact the local administrative department and put it in the designated collection points in order to avoid the damage to the environment and human health caused by any disposal. We encourage recycling and reusing the material resources.

CATALOG

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


For specific operation instructions, please scan the following QR code to obtain the full version of the User Manual.



PACKAGE CONTENTS




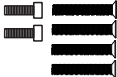
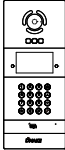
Please make sure the package contains the following items:

MODEL: 902D-B6






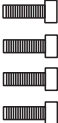

Door Station Expansion Tube Screw Screw Wrench Quick Start Guide

MODEL: 902D-B9/280D-B9



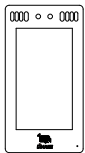
Door Station Screw Expansion Tube Screw Wrench Quick Start Guide

MODEL: 905D-Y4



Door Station Screw Expansion Tube Screw Wrench Quick Start Guide

MODEL: 905D-Y4 Pro



Door Station



Screw



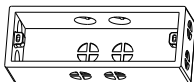
PoE Splitter



Screw Wrench



Bracket



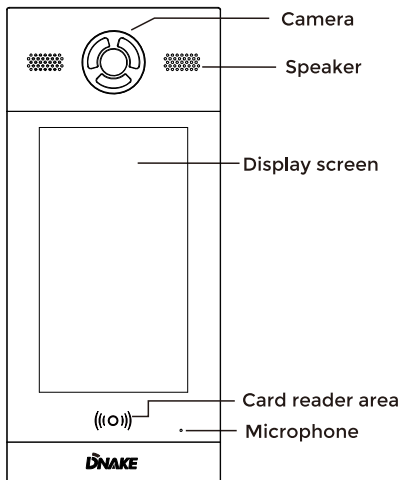
Flush Mounting Box



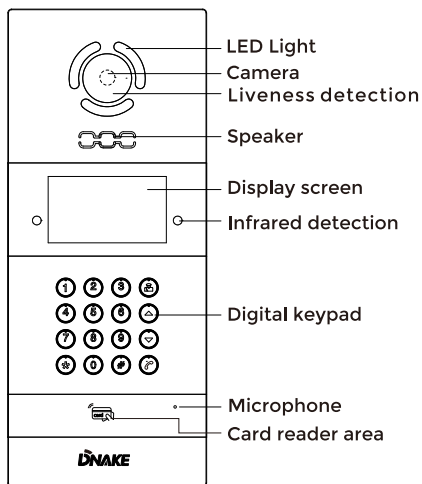
Quick Start Guide

PICTURES

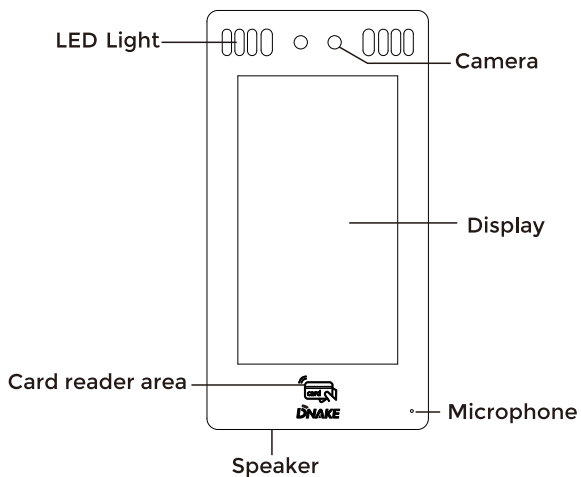
MODEL: 902D-B6



MODEL: 902D-B9/280D-B9



MODEL: 905D-Y4/905D-Y4 Pro



BASIC OPERATION

To 280D-B9/902D-B6/902D-B9:

1. Calling management center

In a standby mode, inputting "0000"(4 digits) on door station, then press “#” to enter the call state.

Note: During communication, pressing “*” on the door station, the call gets disconnected.

2. Calling indoor monitor

In a standby mode, input room number on door station, for example, when inputting "123" on door station, then press “#” to enter the call state.

Note: During communication, pressing “*” on the door station, the call gets disconnected.

3. Unlock the door

3.1. Unlocking by access password

In a standby mode, press “#” key and enter the access password(default is 0000). Then press “#” key again to confirm. If the password is correct, the door will be unlocked; if not, it will make a sound like “Deng Deng”.

3.2. Unlocking by IC card


Put the registered IC card on card reader area of the door station. If successful, the door will be unlocked.


3.3. Unlocking by face recognition

When someone looks at the LCD screen, door station will automatically start the face recognition or the user can press the “*” key twice to enable the face recognition. If the face has been registered, the door will be unlocked.


To 905D-Y4/905D-Y4 Pro:

1. CALL


In a standby mode, input room number on door station. For example, input "1111" on door station, then press "" to call.

Note: During communication, pressing "" on the door station, the call will be cut off.


2. PIN

In a standby mode, input the PIN number(default is 0000). Then press "" key to confirm. If the PIN number is correct, the door will be unlocked; if not, it will make a sound like "clatter clatter".

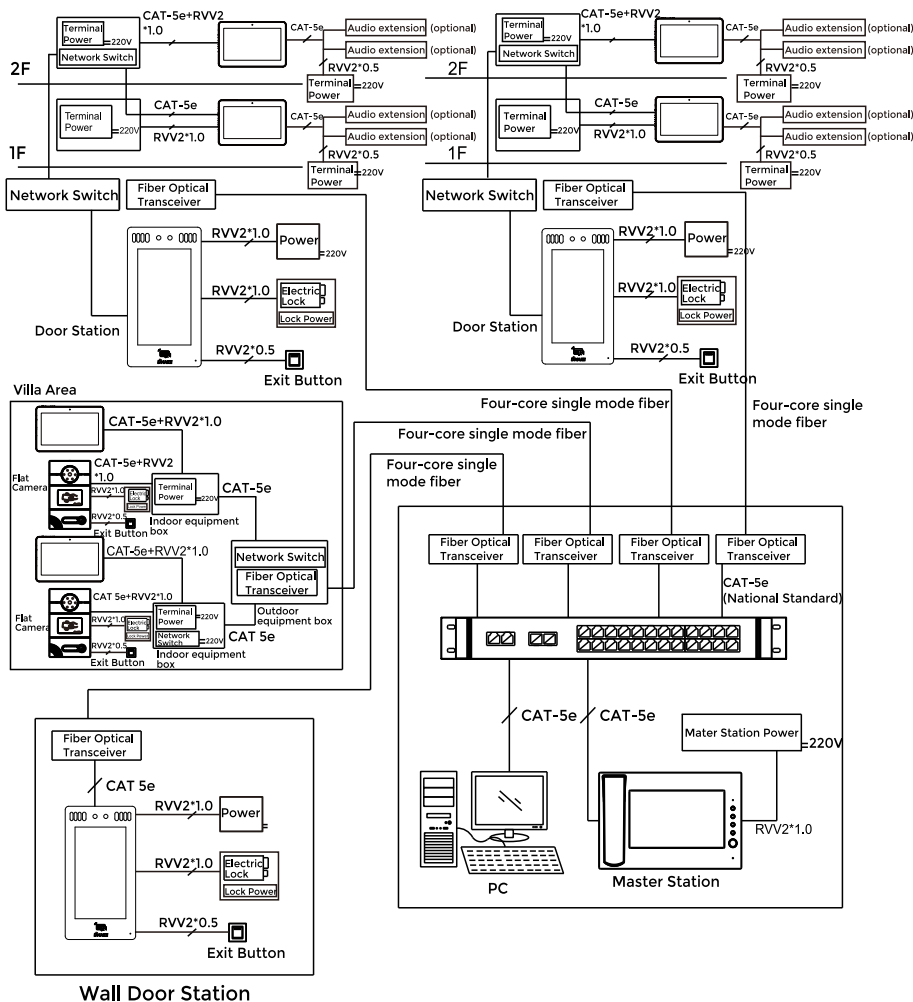
3. FACE

When someone looks at the LCD screen, door station will automatically start the face recognition. If the face ID has been registered, the door will be unlocked. In the state of face recognition, click "" to call master station.

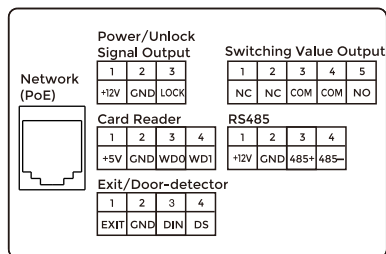
4. CONTACTS

In this interface, you can search the contact by name or apartment number, click "" icon to contact.

SYSTEM CONFIGURATION



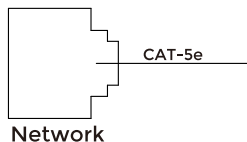
SYSTEM DIAGRAM



902D-B6/902D-B9

1. Network(PoE)

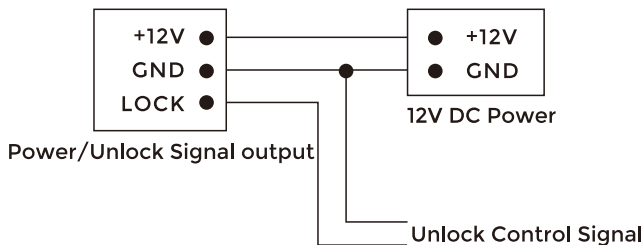
Standard RJ45 interface connects with management center, indoor monitor or other network equipment by network switch.



2. Power/Unlock Signal Output

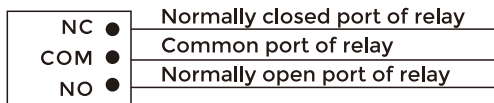
Power interface of door station connects with 12V DC power. Unlock signal input connects with unlock module.

Unlocking current can reach Max.3.5A.



3. Switching Value Output

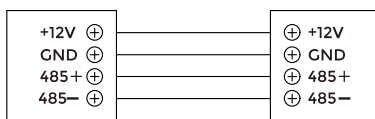
Connect to the lock module(independent power supply is necessary for the lock).



Switching Value Output

4. RS485

Enable to connect equipment with RS485 interface. RS485 interface can output 12V/100mA power. +12V isn't required for wiring if it is unused.

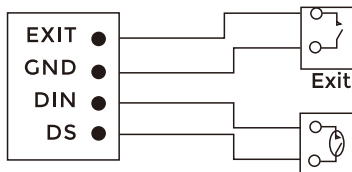


RS485 Interface

RS485 Equipment

5. Exit/Door-detector

Connect with exit /door-detector.

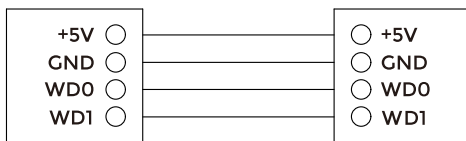


Exit/Door-detector

Door-detector Sense Switch

6. Card Reader Interface

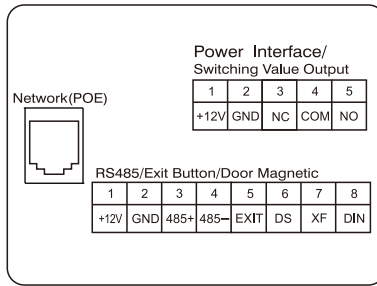
The interface can be connected to one IC card reader or be used for reading the information of built-in card reader. It can output the power 5V/100mA. If the card reader doesn't need the power from the interface, connection of +5V isn't required.



Card Reader Interface

IC Card Reader or Management Device

Note: Only one card reader can be connected to door station. When there is built-in card reader, the interface can only be used for reading the information of built-in card reader.

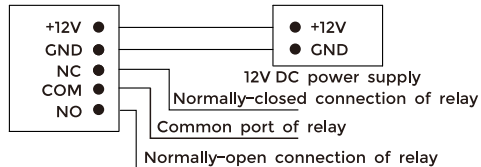


280D-B9

1. Power Interface/ Switching Value Output

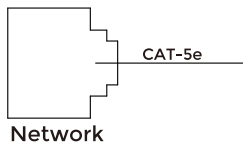
Power interface connects with 12V DC power.

Switching value output connects with electric lock. Relay terminal can withstand the lock current of max.3.5A. Independent power supply is required for the lock.



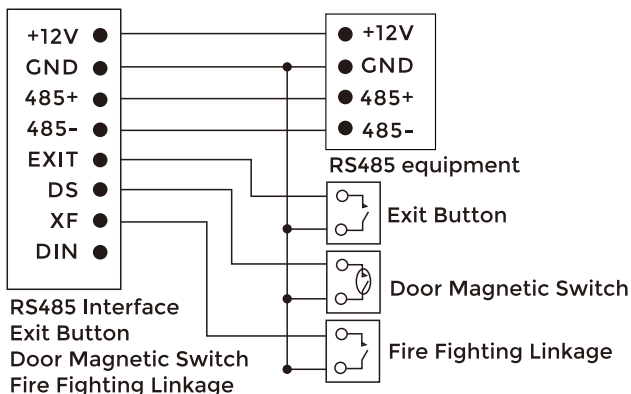
2. Network(PoE)

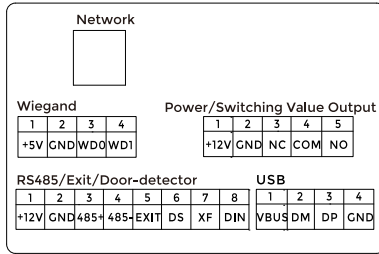
Connect to PC, management center, indoor monitor or other network device through network switch.



3. RS485 Interface/Exit Button/Door Magnetic Switch/Fire Fighting Linkage

RS485 interface can connect to the equipment with RS485 interface; DIN is reserved terminal, please don't connect it.

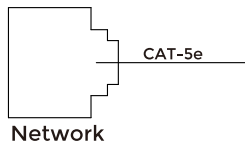




905D-Y4/905D-Y4 Pro

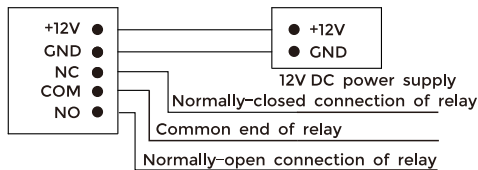
1. Network

Connect with management center, indoor monitor or other network equipment by network switch.



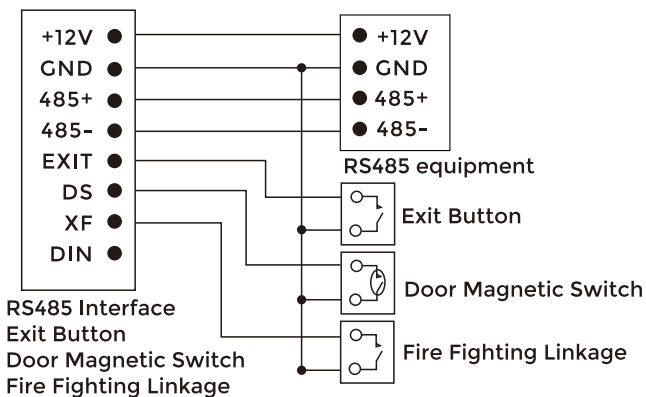
2. Power/Switching Value Output

Power interface of door station connects with 12V DC power. Switching value output connects with electric lock. Independent power supply is required for the lock.



3. RS485 Interface/Exit Button/Door-detector Switch/Fire Fighting Linkage

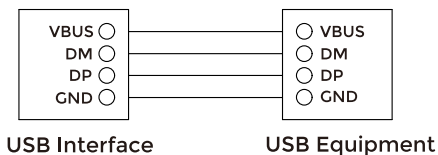
RS485 interface can connect to the equipment with RS485 interface, and output 12V/100mA power. DIN is reserved terminal, please don't connect it.



4. USB Interface

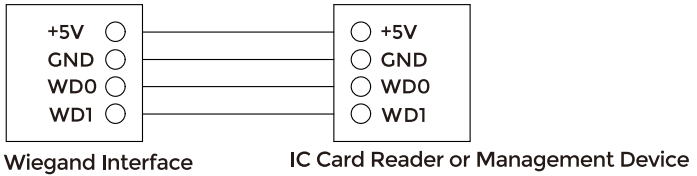
It is used to connect USB peripherals and supports connection with USB2.0 device.

It can output 5V / 50mA power supply.



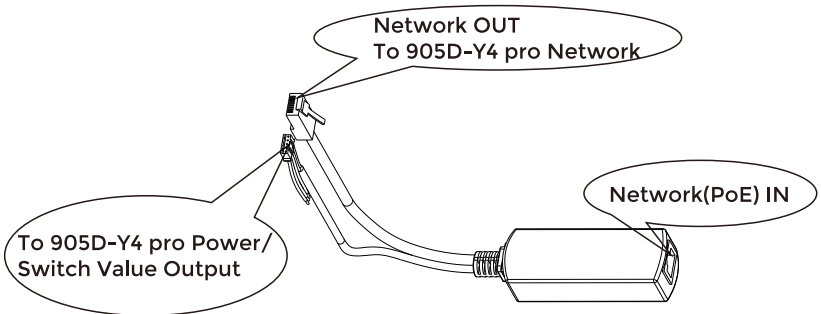
5. Wiegand Interface

The interface can be connected to one IC card reader or be used for reading the information of built-in card reader. It can output the power 5V/100mA. When the card reader doesn't need the power from the interface, connection of +5V isn't required.



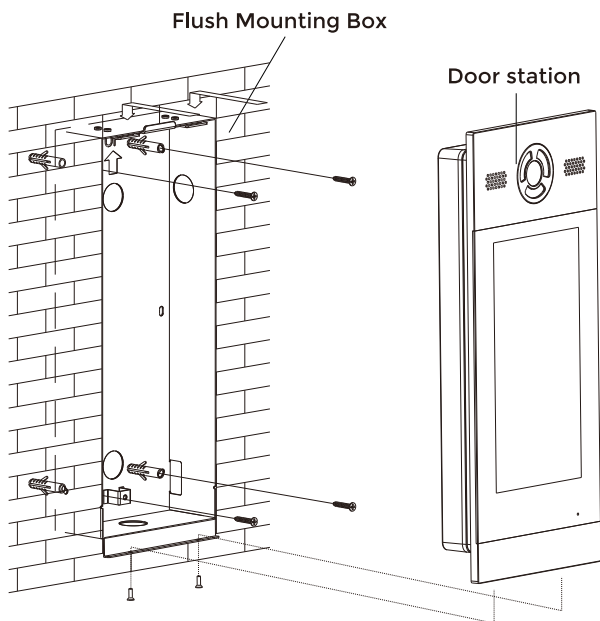
Note: Only one card reader can be connected to door station. When there is built-in card reader, the interface can only be used for reading the information of built-in card reader.

6. PoE Splitter(Applicable to 905D-Y4 Pro)



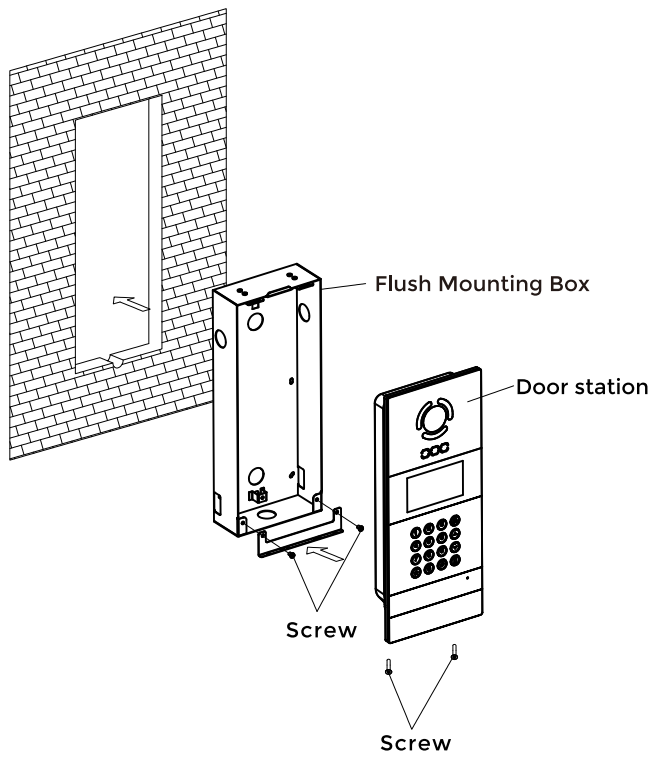
INSTALLATION

MODEL: 902D-B6



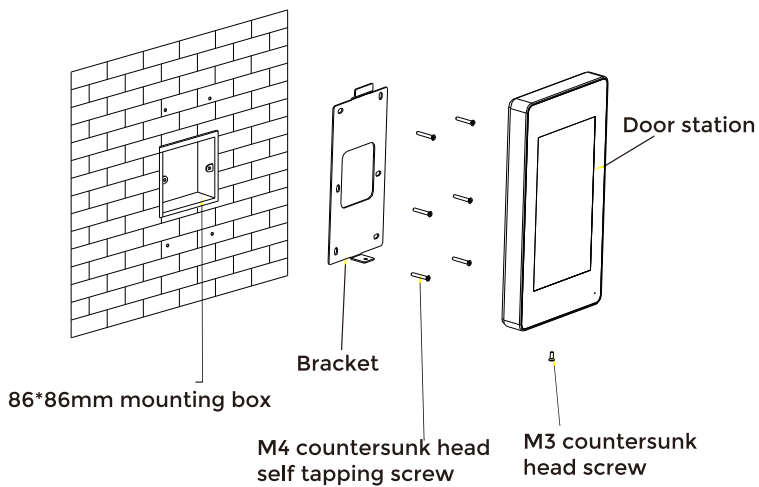
Product size: 180x400x45mm
Flush mounting box size: 172x373x58mm
Installation size: 176x377x60mm

MODEL: 902D-B9/280D-B9



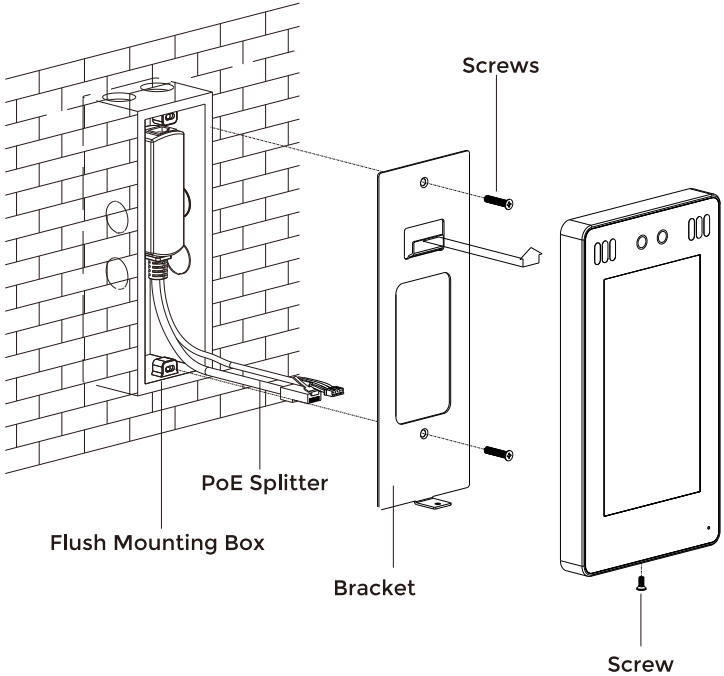
Product size: 158x380x55.7mm
Flush mounting box size: 142x358x59.5mm
Installation size: 148x364x65mm

MODEL: 905D-Y4



Product size: 227x122x39.2mm

MODEL: 905D-Y4 Pro

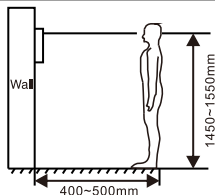


Product size: 227x122x39.2mm
Flush mounting box size: 69x182.2x53mm
Installation size: 70x183x54mm

Installation method:

1. According to the installation dimension of door station, dig a square groove at the appropriate position in the wall or door, and dig a hole (drainage hole) at the bottom;
2. Drill the threading holes at the bottom of the built-in box to facilitate drainage. Upward arrow is on the front of the built-in box. Embed the built-in box into the wall, then put the built-in box into the groove of the wall, and tighten four screws from top to bottom of the built-in box, or fix the built-in box in the wall with concrete;
3. Assemble the door station into the built-in box, align the groove and the built-in box, tighten the screws, and finally inject the glass glue into the top, left and right sides of the door station(note: the glass glue cannot be injected into bottom part that is reserved for the drainage hole at the bottom of door station).

Installation Instructions:



[Suggestion]: The camera should be 1450~1550mm above the ground. The camera at this height can capture human face perfectly.

SAFETY INSTRUCTIONS

In order to protect you and others from harm or your device from damage, please read the following information before using the device.

Do not install the device in the following places:

- Do not install the device in high-temperature and moist environment or the area close to magnetic field, such as the electric generator, transformer or magnet.
- Do not place the device near the heating products such as electric heater or the fluid container.
- Do not place the device in the sun or near the heat source, which might cause discoloration or deformation of the device.
- Do not install the device in an unstable position to avoid the property losses or personal injury caused by the falling of device.

Guard against electric shock, fire and explosion:

- Do not use damaged power cord, plug or loose outlet.
- Do not touch the power cord with wet hand or unplug the power cord by pulling.
- Do not bend or damage the power cord.
- Do not touch the device with wet hand.
- Do not make the power supply slip or cause the impact.
- Do not use the power supply without the manufacturer's approval.
- Do not have the liquids such as water go into the device.

Clean Device Surface

- Clean the device surfaces with soft cloth dipped in some water, and then rub the surface with dry cloth.

Other Tips

- In order to prevent damage to the paint layer or the case, please do not expose the device to chemical products, such as the diluent, gasoline, alcohol, insect-resist agents, opacifying agent and insecticide.
- Do not knock on the device with hard objects.
- Do not press the screen surface. Overexertion might cause flopper or damage to the device.
- Please be careful when standing up from the area under the device.
- Do not disassemble, repair or modify the device at your own discretion.
- The arbitrary modification is not covered under warranty. When any repair required, please contact the customer service center.
- If there is abnormal sound, smell or fume in the device, please unplug the power cord immediately and contact the customer service center.
- When the device isn't used for a long time, the adaptor and memory card can be removed and placed in dry environment.
- When moving, please hand over the manual to new tenant for proper usage of the device.

 **EASY & SMART
INTERCOM SOLUTIONS**