

Quick Installation Guide

- ☑ DP81
- ☑ DP82
- ☑ DP83
- ☑ DP85
- ☑ DP88


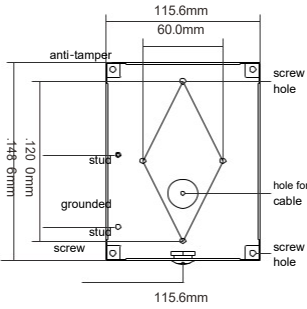


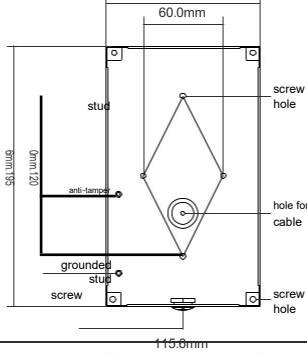



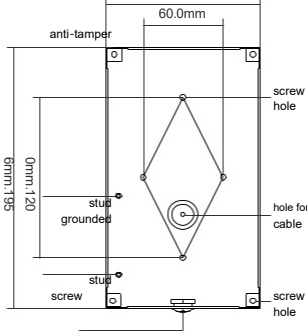




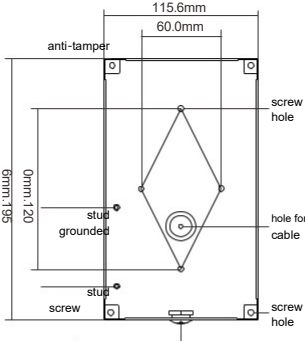



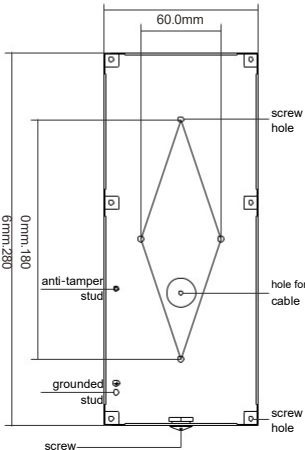


Please read this guide carefully before installing the device.
If you need any technical support, please contact us.

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1.Packing List

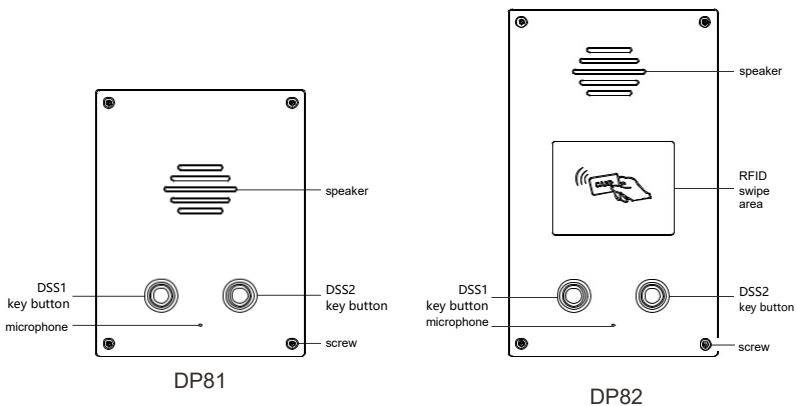
Product	Installation Diagram	Accessories	RFID Card
<p>DP81 Device</p> 	 <p>115.6mm 60.0mm anti-tamper stud grounded stud screw 120.0mm 148.6mm hole for cable screw hole 115.6mm</p>		
<p>DP82 Device</p> 	 <p>60.0mm stud anti-tamper grounded stud screw 9mm, 120 9mm, 195 hole for cable screw hole 115.0mm</p>		
<p>DP83 Device</p> 	 <p>anti-tamper stud grounded stud screw 60.0mm 115.0mm 9mm, 120 9mm, 195 hole for cable screw hole</p>		

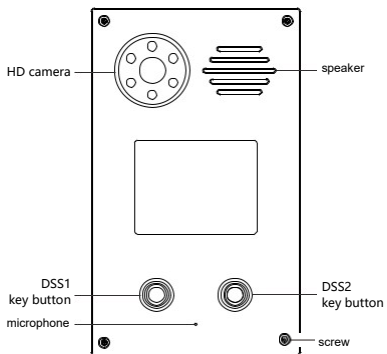
Product	Installation Diagram	Accessories	RFID Card
<p>DP85 Device</p> 			
<p>DP88 Device</p> 			

2. Physical Specifications

DP81 Device Dimension	153*120*38mm
DP82 Device Dimension	200*120*38mm
DP83 Device Dimension	200*120*38mm
DP85 Device Dimension	200*120*38mm
DP88 Device Dimension	285*120*38mm

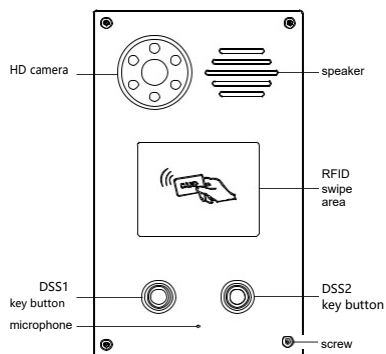
2.1 Front Panel





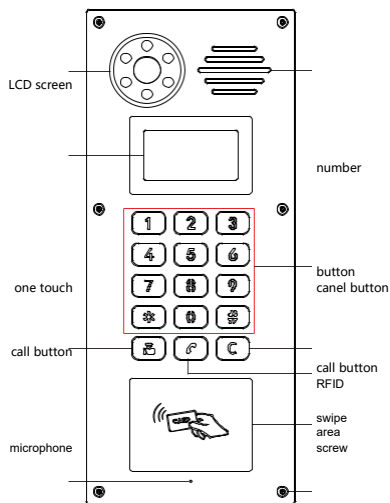
DP83

HD camera



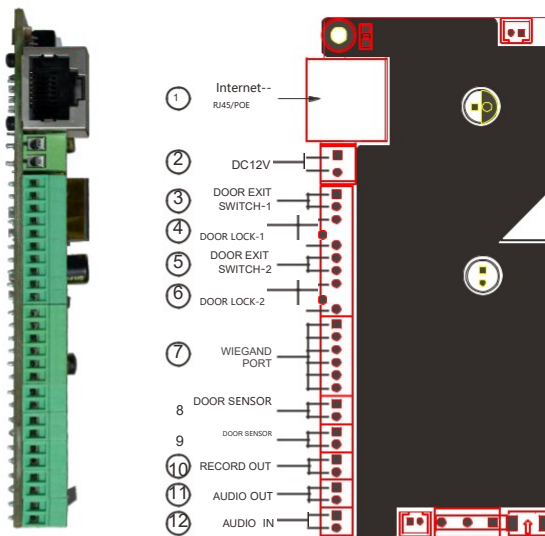
DP85

speaker



DP88

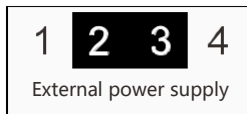
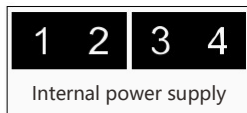
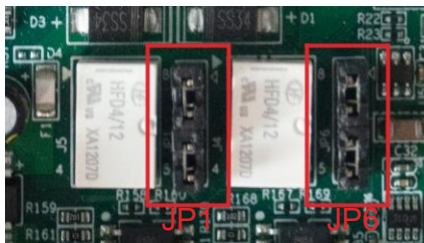
2.2 Interface Description



Number	Description
①	Internet Port: Standard RJ45 port, 10/100M Adaptive, suggest use CAT5 or CAT5E line.
②	Power Adaptor: 12V/1A input, left port is "+", right port is "-".
③⑤	Door Exit Switch: To connect indoor exit button.
④⑥	External Switch/Door Lock: To connect door lock, alarm etc.
⑦	Wiegand Port: To connect wiegand card reader.
⑧⑨	Door sensor detection : to detect the door open/close status.
⑩	To mix device voice & remote call voice, then release them together. 1 port is for record, another port is for GND.
⑪	External active speakers realize audio power amplification. One is the audio signal line and the other is the bottom line. Note that the ground wire must be grounded, otherwise there will be noise.
⑫	Audio Input: To connect a external audio signal.
⑬	JP1 jumper.
⑭	JP6 jumper.

JP1 Jumper, JP6 Jumper

There are two models for power supply. One is Internal power supply and the other is external power supply (The default is Internal power supply). **Internal power supply:** when electric-lock starting current less than 12V/500mA, can use internal drive model, electric lock port is 12V DC output.



2.3 Wiring Instructions

NO: Normal Open, working status of electric lock is open; **COM:** Common port; **NC:** Normal Closed, working status of electric lock is closed;

Power Supply Type		Electric Lock type		JP1 Jumper	Connections
Internal	External	Power off, door open	Power on, door open		
√		√		<p>Internal power supply</p>	<p>SWITCH</p> <p>ELECTRIC LOCK (POWER OFF, DOOR OPEN)</p>
√			√	<p>Internal power supply</p>	<p>SWITCH</p> <p>ELECTRIC LOCK (POWER ON, DOOR OPEN)</p>
	√	√		<p>Internal power supply</p>	<p>DOOR SWITCH</p> <p>ELECTRIC LOCK (POWER ON, DOOR OPEN)</p> <p>OUTPUT POWER DC 12V</p>
	√		√	<p>External power supply</p>	<p>DOOR SWITCH</p> <p>ELECTRIC LOCK (POWER OFF, DOOR OPEN)</p> <p>OUTPUT POWER DC 12V</p>

Power Supply Type		Electric Lock type		JP6 Jumper	Connections
Internal	External	Power off, door open	Power on, door open		
√		√		Internal power supply	
√			√	Internal power supply	
	√	√		External power supply	
	√		√	External power supply	

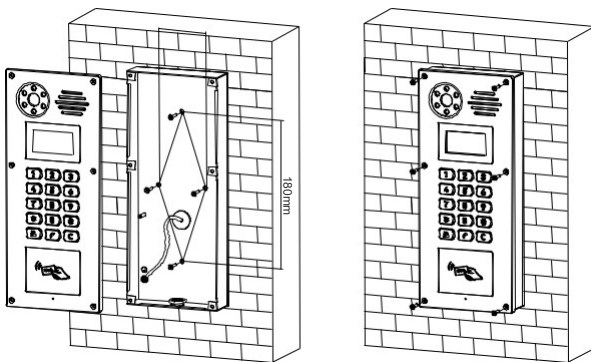
3. Installation

3.1 Preparations

- (1) Check the following contents
 - . L-type screwdriver x 1
 - . Slotted screwdriver x 1
 - . KA4 X30 mm screws x 5
 - . 25mm screw anchors x 5
 - . M3* 8mm screws x 2
- (2) Tools that may be required
 - . L-type screwdriver
 - . screwdriver (Ph2 or Ph3), hammer, RJ45 crimp
 - . Electric impact drill with an 6mm drill bit

3.2 Steps

- (1) Drill chassis anchoring holes on a proper place. First, drill 4 holes on the wall with a spacing of 60*120 mm for the frame installation, then insert plastic expansion tube, and next use KA4*30 screws to tighten back panel on the wall. **Note:** the space for DP88 is 60*180mm.
- (2) Put the front panel to the frame. With 4 X M3*8mm screws. Tighten the front panel to back panel on the wall.
Note: DP88 should use 6 X M3*8mm screws.



4. IP address

After the device is powered on, the default is that the device is getting the IP by DHCP automatically. Enter "963" on the device and press the dial key, then the phone will voice dial the device IP address. And the corresponding IP can be seen on the LCD display.

5. SIP Door Phone Setting

5.1 Log in the Device Web GUI

Input the IP of the device into the browser. (e.g. <http://172.28.4.131>), The default user name and password are both admin.

Username	<input type="text"/>
Password	<input type="password"/>
Language	English <input type="button" value="v"/>
	<input type="checkbox"/> Remember Username/Password
	<input type="button" value="Login"/>

5.2. Add the SIP account

Set SIP account(Active, Register Name, Username ,Password)and SIP server(Sever IP&Port), then click submit.

The screenshot shows the 'SIP Account' configuration page. The interface has a blue header with navigation tabs: Status, Account, Network, Door Phone, Phonebook, Maintenance, Security. The top right corner shows 'Default password: 2022/01/13 16:43'. On the left is a sidebar with 'Basic' selected. The main content area is titled 'SIP Account' and contains the following fields:

- Status: Registering..
- Account: 401 (dropdown)
- Active: Enabled (dropdown)
- Display Name: 401 (text input)
- Register Name: 401 (text input)
- Username: 401 (text input)
- Password: ***** (password input)

Below this are two sections for SIP Servers:

- SIP Server 1**
 - Server IP: 172.25.110.71 (text input)
 - Port: 2068 (text input)
 - Registration Expires: 1800 (text input) (30-65535s)
- SIP Server 2**
 - Server IP: (text input)
 - Port: 5060 (text input)
 - Registration Expires: 1800 (text input) (30-65535s)

5.3. Set Door Access Parameter

Click “Door Phone>Access” to set Door Access Parameters. Including Open Door By DTMF Code of indoor units,Access Card (RFID card & password) and Open Door By HTTP (username & password of HTTP door open).

The screenshot shows the 'Open Door By DTMF Code' configuration page. The interface has a blue header with navigation tabs: Status, Account, Network, Door Phone, Phonebook, Maintenance, Security. The top right corner shows 'Default password: 2022/01/13 16:43'. On the left is a sidebar with 'Access' selected. The main content area is titled 'Open Door By DTMF Code' and contains the following fields:

- Active: Enabled (dropdown)
- Door 1: 1 (dropdown)
- Door 2: 0 (dropdown)
- All Doors: 3 (dropdown)

Below this is the 'Identify Door Phone' section with an 'Identify' button and a 'Submit' button.

The 'Access Card' section includes:

- Door opening method: RFID (dropdown)
- Search By Room Number: (text input)
- Search button and Cancel button

At the bottom is a table showing access card records:

Index	Room Number	RFID	Type	Door Number	Register Time	Period	
5000	1	6C70F361	normal	182	2021-10-25 11:27:33	--	<input type="checkbox"/>
4999	99	34d2384f	admin	1	2021-10-20 07:45:44	--	<input type="checkbox"/>
4998	98	3f5f486	admin	1	2021-10-20 07:45:44	--	<input type="checkbox"/>
4997	97	3f5f485	admin	1	2021-10-20 07:45:44	--	<input type="checkbox"/>

6. Door Open Setting

Click“Door Phone>Basic” to configure Switch Model and Card Reader Model.

The screenshot displays the 'Basic' configuration page for a door phone system. The page is divided into a left sidebar with navigation options and a main content area with configuration settings. The top navigation bar includes 'Status', 'Account', 'Network', 'Door Phone', 'PhoneBook', 'Maintenance', 'Security', and 'Default password: 2022/01/13 16:43'. The left sidebar lists categories like 'Basic', 'Time&Date', 'Call Feature', 'Voice', 'Ringtone', 'Dial Plan', 'Action URL', 'Multicast', 'Intercom', 'Door Lock', 'Access', 'Alarm', and 'Camera'. The main content area is titled 'LCD Language' and contains several sections: 'Type' (English), 'Display' (Backlight Level: 2, Backlight Time: 15), 'Keypad Light' (Active: Enabled, Key light time: 1 (1-60s)), 'Switch' (Switch Mode: Monostable, Switch-On Duration: 2 (1-600s), Second Switch Mode: Monostable, Second Switch-On Duration: 5 (1-600s), Second Door Open Method: Independent, Asynchronous Delay Time: 1 (1-60s)), and 'Card Reader' (Enable Card Reader: Enabled, Work Mode: Normal, Wiegand Data Reverse: Auto).

Section	Parameter	Value	Range
LCD Language	Type	English	
	Display		
Display	Backlight Level	2	
	Backlight Time	15	
Keypad Light	Active	Enabled	
	Key light time	1	(1-60s)
Switch	Switch Mode	Monostable	
	Switch-On Duration	2	(1-600s)
	Second Switch Mode	Monostable	
	Second Switch-On Duration	5	(1-600s)
	Second Door Open Method	Independent	
	Asynchronous Delay Time	1	(1-60s)
Card Reader	Enable Card Reader	Enabled	
	Work Mode	Normal	
	Wiegand Data Reverse	Auto	