

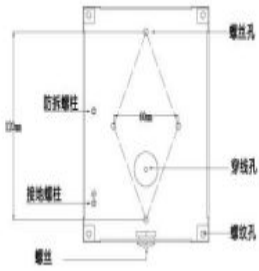
DP88A SIP DOOR PHONE QUICK INSTALLATION GUIDE

Catalogue

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DP88A Quick Installation Guide

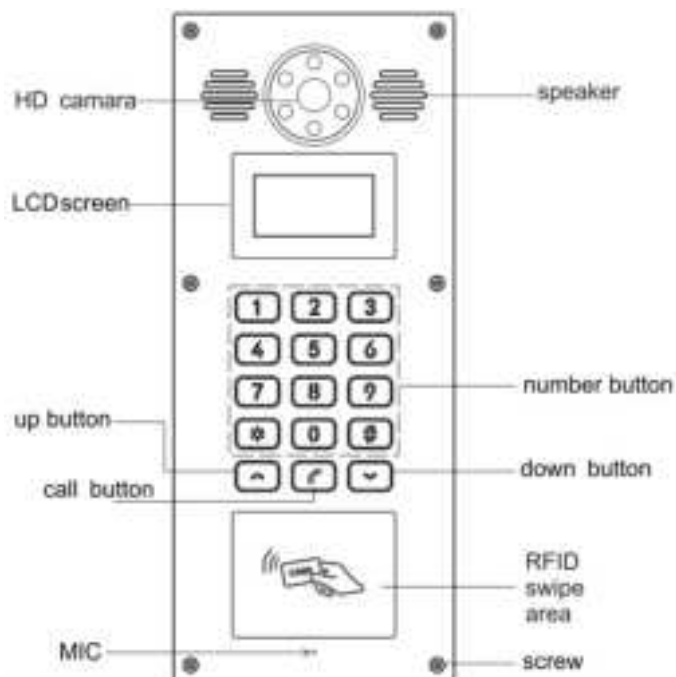
1. Packing List

DP88A Device	Installation diagram	Accessories	RFID Card
			

2. Material Specification

DP88A Device Dimension	285*120*38mm
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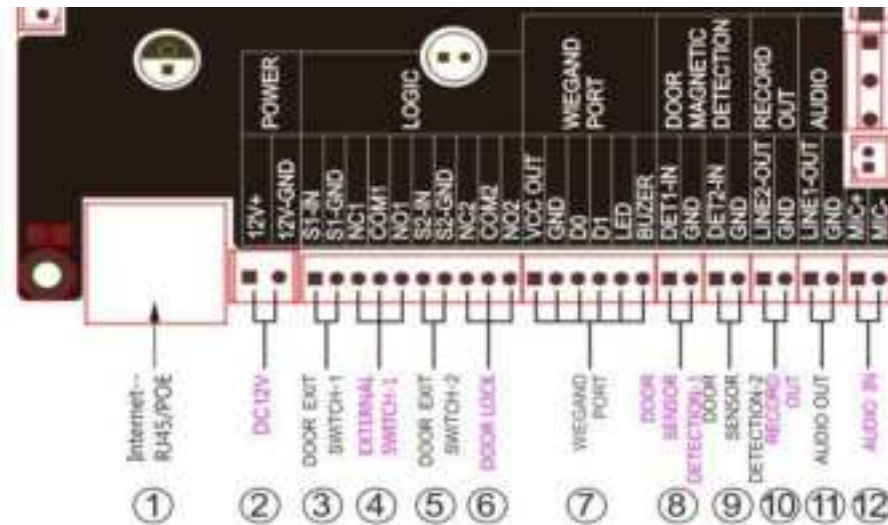
Front Panel



Wiring Port Specification



(Picture II)



(Picture III)

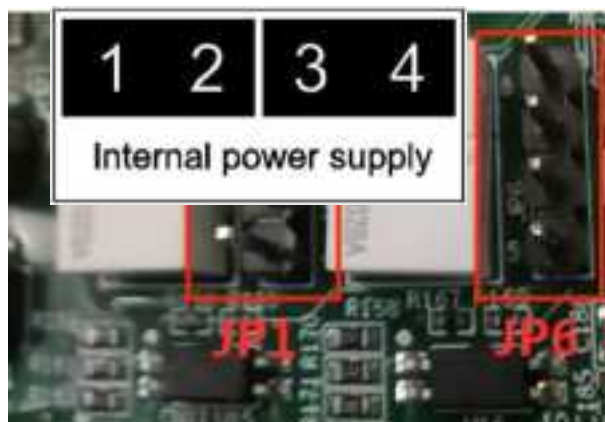
Item	Description
1	Internet Port: Standard RJ45 port , 10/100M Adaptive , suggest use CAT5 or CAT5E line.
2	Power Adaptor : 12V/1A input , left port is "+", right port is "-"
3、 5	Door Exit Switch ; To connect indoor exit button
4、 6	External Switch/Door Lock : To connect door lock, alarm etc.
7	Wiegand Port: To connect wiegand card reader.
8、 9	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.
12	Audio Input: To connect a external audio signal.
13	JP1 jumper (Picture II)
14	JP6 jumper (Picture II)

JP1, JP6 Jumper

Door lock control include 2 models (default is internal power supply), see as below,

Internal power supply: If electric lock starting current less than 500mA/12V, can use internal drive model, electric lock port is 12V DC output.

(Picture IV)

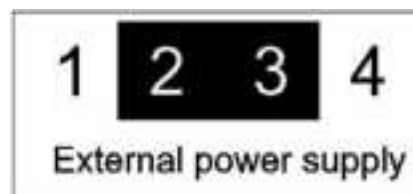


Wiring Description

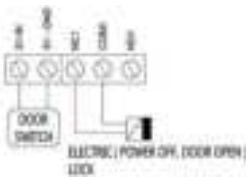
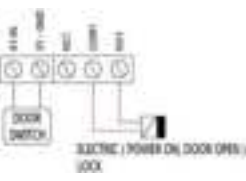
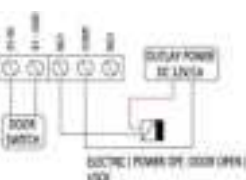
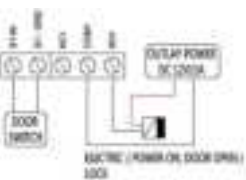
NO: Normal Open, working status electric lock is open ;

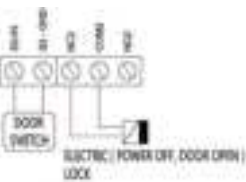
COM: Common port ;

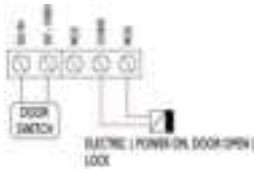
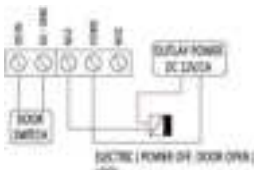
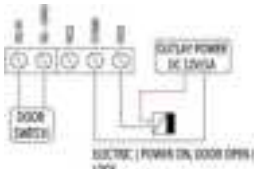
NC:



Normal Closed, working status electric lock is closed ;

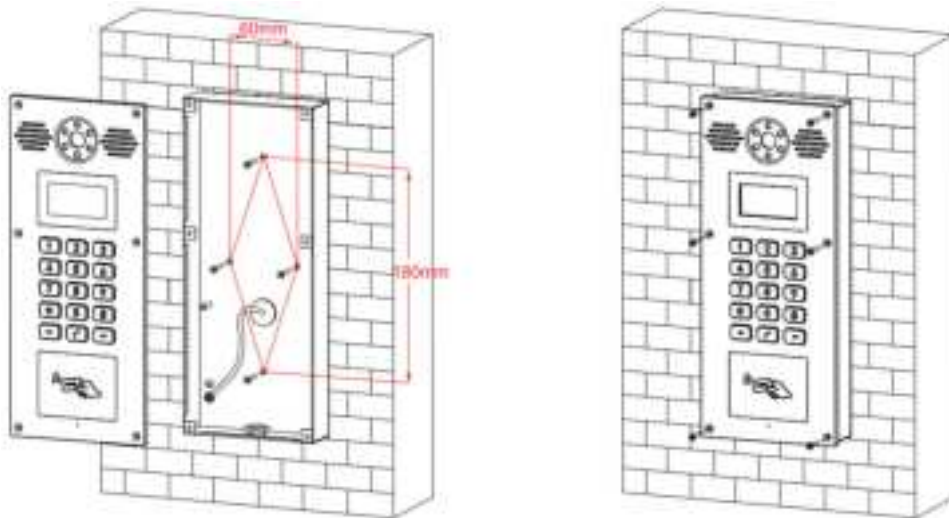
Power Supply Type		Electric Lock type		JP1 Jumper	Wiring Diagram
Internal	External	Power off, door open	Power on, door open		
√		√		 Internal power supply	
√			√	 Internal power supply	
	√	√		 External power supply	
	√		√	 External power supply	

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

✓			✓		
	✓	✓			
	✓		✓		

3. Installation

1. Drill 4 holes on the wall, space is 60*120mm(DP88 space is 60*180mm), insert Plastic expansion tube, use KA4*30 screws to fix back panel on the wall. (see Picture V)
2. Use 4 pcs M3*8 screws from the front panel to fix back panel(DP88 use 6 pcs screws).(Picture VI)



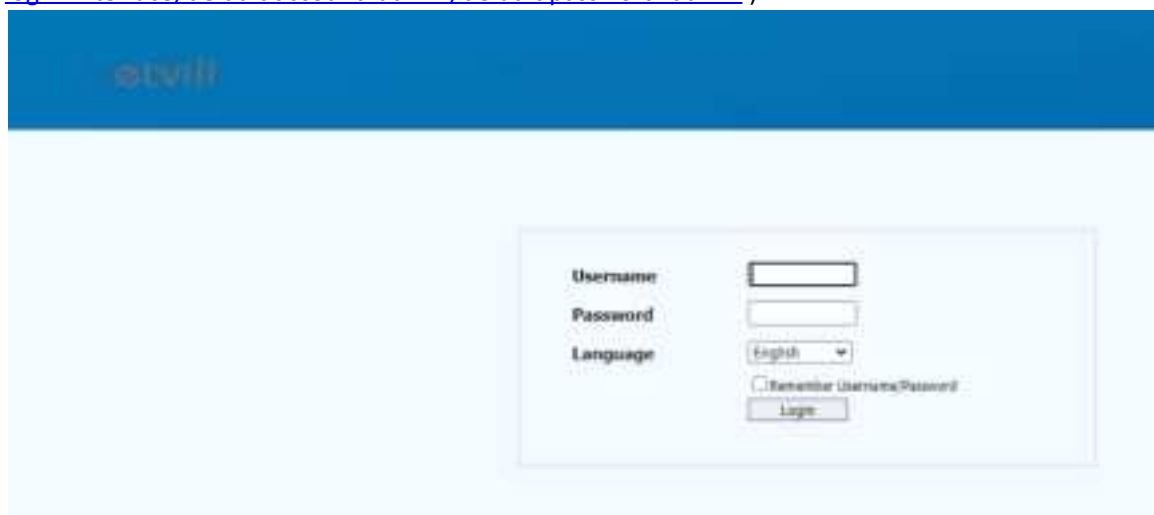
4. Get the device IP address

After device connect to the power supply, default way to get IP address is DHCP. Press “963 + call button”, the device voice will read IP address, then also device LCD will display IP address.

5. Door Access Configuration

Log in the Device Web GUI

To input the device IP on the web browser. (for example: [input http://172.28.4.131](http://172.28.4.131)), and then entry the [log in interface](#), default account: admin, default password: admin)



Configure SIP Account

To configure SIP account, Active, register name, username password , SIP server address & port, then submit.

The screenshot shows the 'SIP Account' configuration page in the NVRM web interface. The top navigation bar includes 'Status', 'Account', 'Network', 'Door Phone', 'Phonebook', 'Maintenance', 'Security', and 'Other'. The left sidebar has 'Basic', 'Advanced', and 'Collect' tabs. The main content area is divided into sections for 'SIP Account', 'SIP Server 1', 'SIP Server 2', 'Outbound Proxy Server', and 'Transport Type'. The 'SIP Account' section includes fields for Status (Unregistered), Account (Account1), Active (Disabled), Display Name, Register Name, Username, and Password (masked with asterisks). The 'SIP Server 1' and 'SIP Server 2' sections each have fields for Server IP, Port (5060), and Registration Expires (1800). The 'Outbound Proxy Server' section has an Active dropdown (Disabled) and fields for Server IP and Backup Server IP, both with Port 5060. The 'Transport Type' section has a Transport Type dropdown set to UDP.

SIP Account	
Status	Unregistered
Account	Account1
Active	Disabled
Display Name	
Register Name	
Username	
Password	*****

SIP Server 1	
Server IP	
Port	5060
Registration Expires	1800 (30-65525s)

SIP Server 2	
Server IP	
Port	5060
Registration Expires	1800 (30-65525s)

Outbound Proxy Server	
Active	Disabled
Server IP	
Port	5060
Backup Server IP	
Port	5060

Transport Type	
Transport Type	UDP

To configure Door Access Parameter

1. In "Access- Open Door by DTMF Code" to configure DTMF code of indoor station.
2. In "Access- Access Card" to add RFID card & password.
3. In "Access- Open Door By HTTP" to configure username & password of HTTP door open.



[Status](#)
[Account](#)
[Network](#)
[Door Phone](#)
[PhoneBook](#)
[Maintenance](#)
[Security](#)
[Other](#)
Default password: 3002/04/18 09:30

[Home](#)
[DeviceList](#)
[Call Feature](#)
[Voice](#)
[Ringtone](#)
[Door Phone](#)
[Access Card](#)
[Alarm](#)
[Camera](#)

Open Door By DTMF Code

Active

Enabled

Door 1

1

Door 2

0

All Doors

2

Identify Door Phone

Identify

Submit

Access Card

Door opening method

Password

Search By Room Number

Search

Cancel

Index	Room Number	Password	Type	Door Number	Register Time	Period	
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Card Register

Door Number

182

6. Door Open Configuration

In “Door Phone- Basic” to configure Switch Model, and Card Reader Model.

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Default password:
3022/04/18 00:40

Basic

[DeviceData](#)
[Call Feature](#)
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[Door Plan](#)
[Action URL](#)
[Hudfont](#)
[Intercom](#)
[Door Lock](#)
[Alarm](#)
[Alarm](#)
[Camera](#)

LCD Language

Type
PP3QP

LCD Instruction config

First Line	Security center: Call	Length Remain	Modify
Second Line	Call: Reason6 + Call	Length Remain11	Modify
Third Line	Unlock: * + PSW + *	Length Remain12	Modify
Fourth Line	Contact: up or down	Length Remain11	Modify

Display

Backlight Level	4
Backlight Time	30
Screen Saver	Enabled

Keypad Light

Active	Enabled
Key light time	1 (1-60s)

Switch

Switch Mode	Nonstable
Switch-On Duration	5 (1-600s)
Second Switch Mode	Nonstable
Second Switch-On Duration	1 (1-600s)
Second Door Open Method	Independent