DINSTAR SIP Intercom DP9 Series Installation Guide

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DINSTAR SIP Intercom DP9 Series

Product Usage Instructions

Interface Description

- **POE:** Ethernet interface, standard RJ45 interface, 10/100M adaptive. It is recommended to use five or five types of network cable.
- **12V+, 12V-:** Power interface, 12V/1A input.
- **S1-IN, S-GND:** To connect the indoor exit button or alarm input.
- **NC, NO, COM:** To connect door lock and alarm.

The DP9 series only supports an external power supply to connect the electronic lock. Wiring instructions:

- **NO:** Normal Open, idle status of the electric lock is opened.
- **COM:** COM1 interface.
- **NC:** Normal Closed, idle status of the electric lock is closed.

1. Drill four holes on the wall with a spacing of 60*60 mm for the frame installation. Insert plastic expansion tubes and use KA4*30 screws to tighten the back panel on the wall.
2. Put the front panel to the frame and tighten it with 4 X M3*8mm screws.

After powering on the device, it will obtain the IP address through DHCP. Press the dial key for ten seconds on the device panel to hear the IP address through voice broadcast.

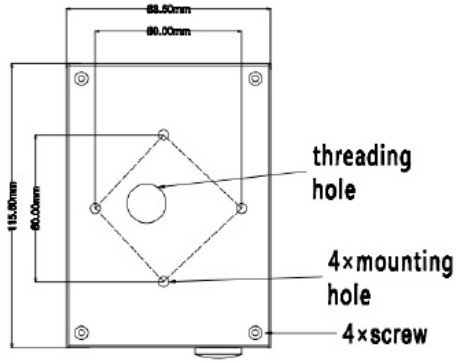
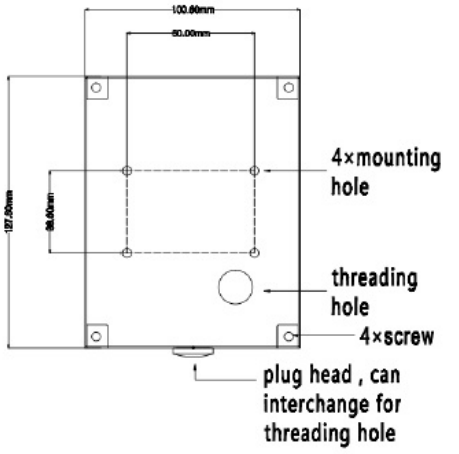
1. **Log in the Device Web GUI:** Access the device via the IP address in a browser. Default credentials are admin/admin.
2. **Add the SIP account:** Configure SIP account details and server information on the device interface.
3. **Set Door Access Parameters:** Configure door access settings including DTMF codes, RFID cards, and HTTP access.

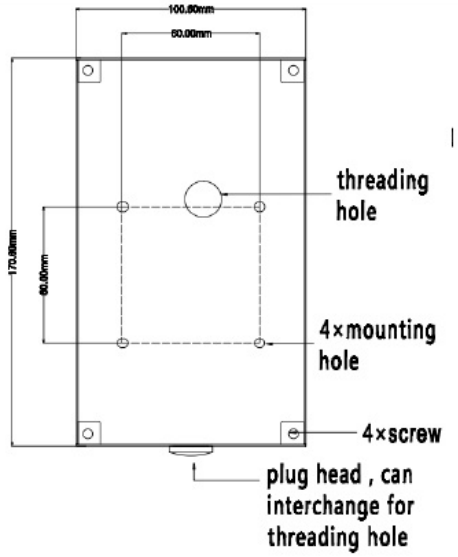
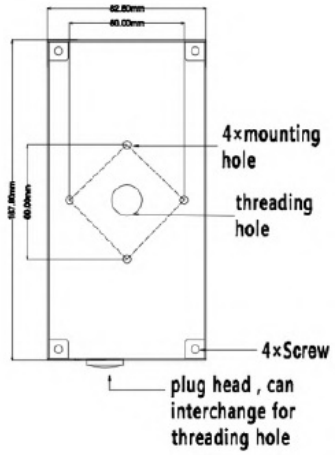
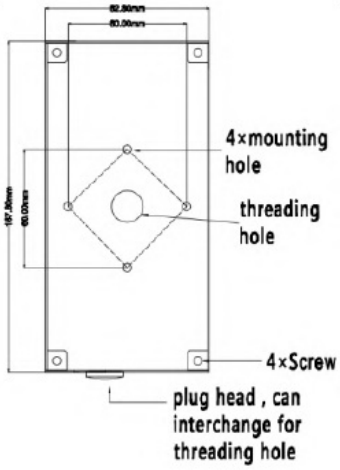
4. **Open Door by DTMF Code:** Enable this function and set the DTMF code for opening the door in the device settings.

FAQ

- **Q:** How can I reset the device to factory settings?
- **A:** To reset the device to factory settings, press and hold the reset button for 10 seconds until the device restarts.
- **Q:** Can I use this intercom with a VoIP service provider?
- **A:** Yes, this SIP intercom can be configured to work with compatible VoIP service providers. Refer to the user manual for specific settings.

Packing List

SIP Intercom	Installation	Accessories
DP91		
DP92		

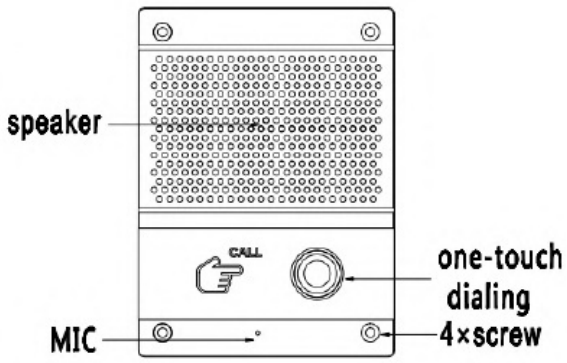
DP92V 		
DP98 		
DP98V 		

Physical Specifications

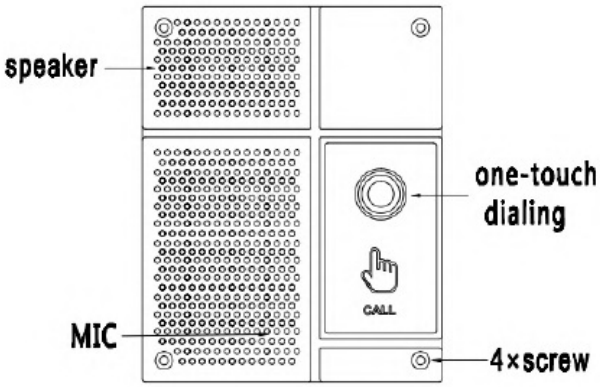
DP91 Device Dimension(L*W*H)	88*120*35 mm
DP92 Device Dimension(L*W*H)	105*132*40 mm
DP92V Device Dimension(L*W*H)	105*175*40 mm
DP98 Device Dimension(L*W*H)	88*173*37 mm
DP98V Device Dimension(L*W*H)	88*173*37 mm

Front Panel

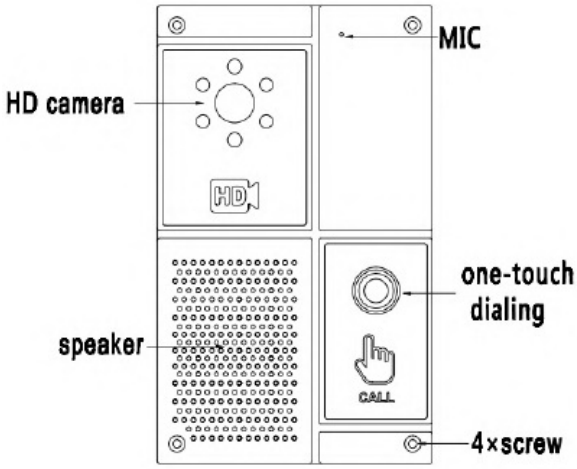
Front Panel (Part of the models)



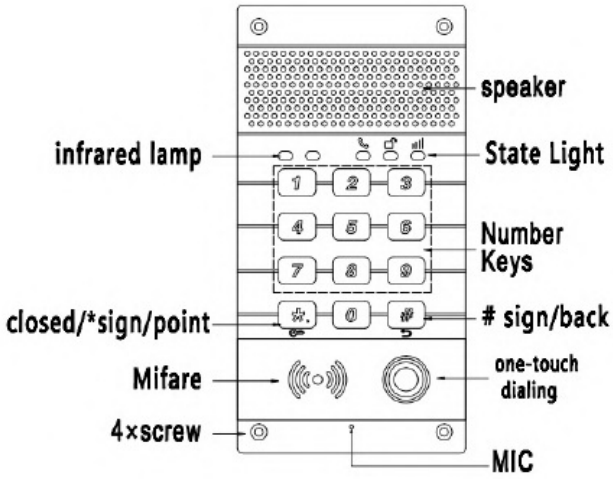
DP91



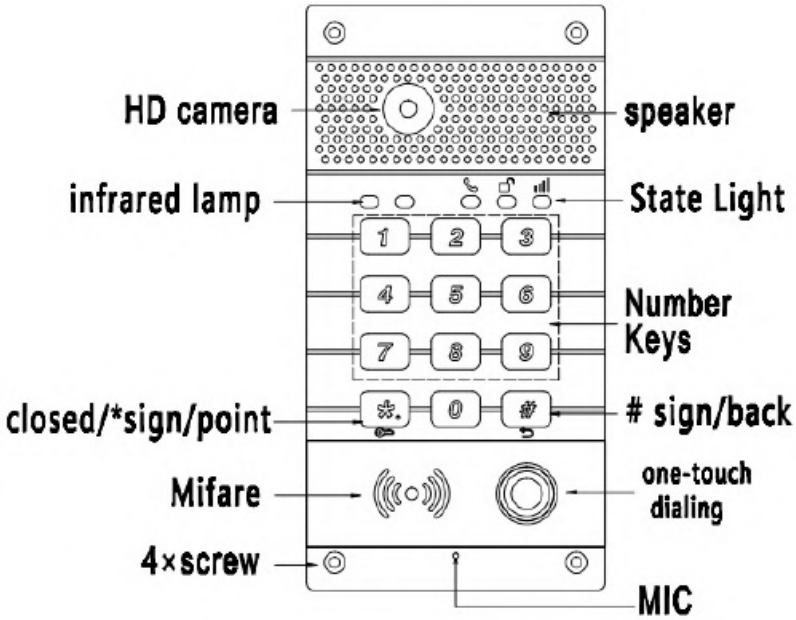
DP92



DP92V



DP98

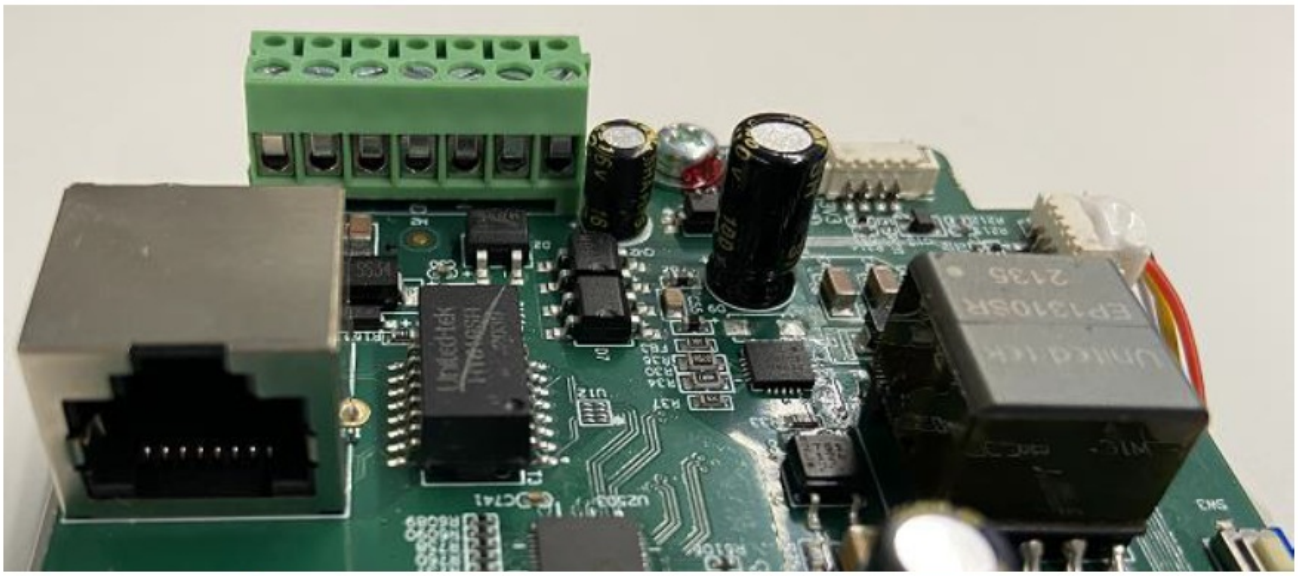


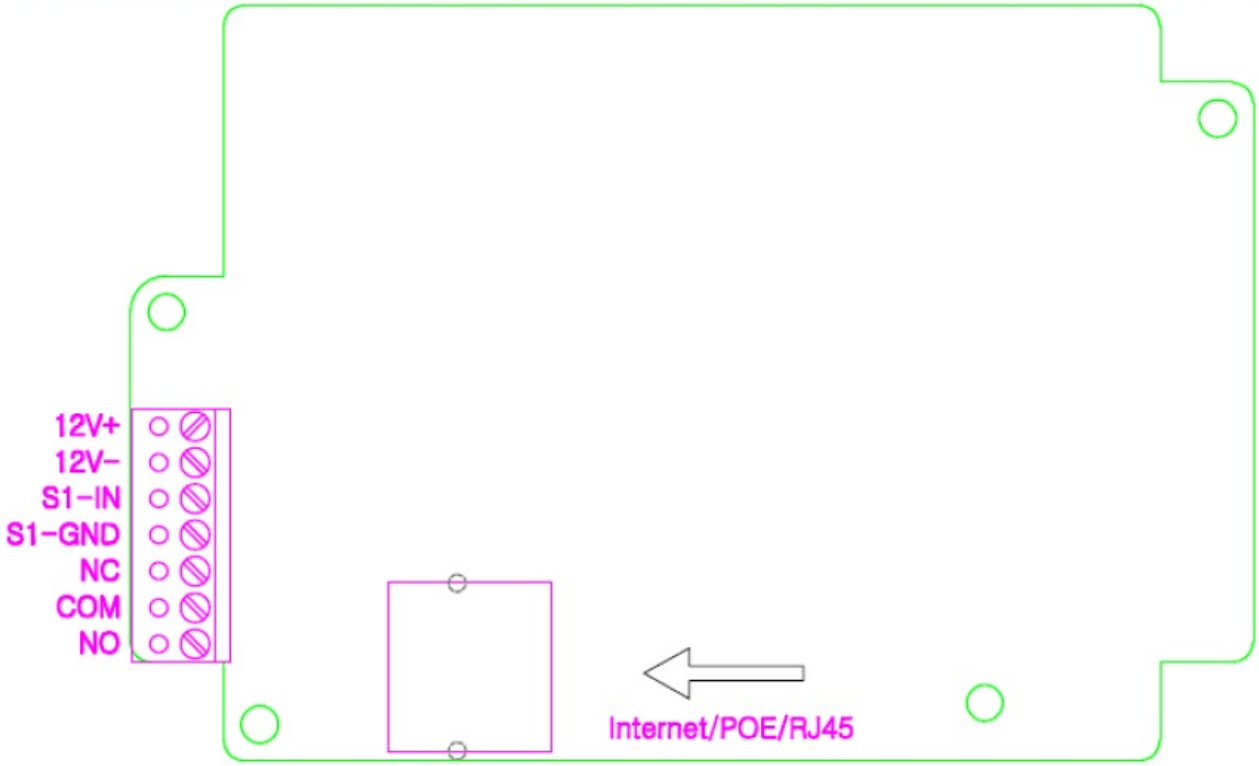
DP98V

DP9 Series

	Button	HD Camera	4G	Door Access
DP91-S	Single	×	×	DTMF tones
DP91-D	Double	×	×	DTMF tones
DP92-S	Single	×	×	DTMF tones
DP92-D	Double	×	×	DTMF tones
DP92-SG	Single	×	√	DTMF tones
DP92-DG	Double	×	√	DTMF tones
DP92V-S	Single	√	×	DTMF tones
DP92V-D	Double	√	×	DTMF tones
DP92V-SG	Single	√	√	DTMF tones
DP92V-DG	Double	√	√	DTMF tones
DP98-S	Single	×	×	DTMF tones
DP98-MS	Double	×	×	DTMF tones, RFID card
DP98V-S	Single	√	×	DTMF tones
DP98V-MS	Double	√	×	DTMF tones, RFID card

Interface Description



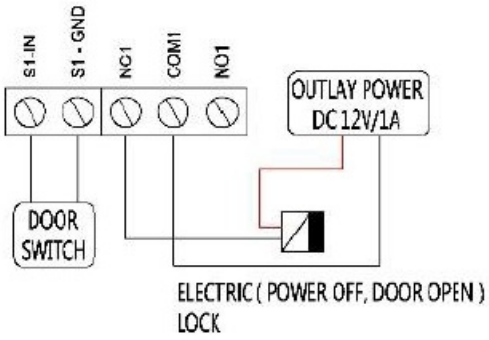
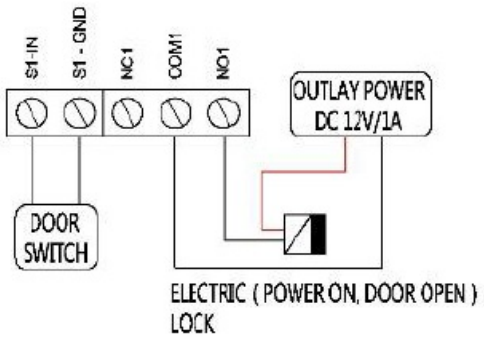


Name	Description
POE	Ethernet interface: standard RJ45 interface, 10/100M adaptive, it is recommended to use five or five types of network cable
12V+, 12V-	Power interface: 12V/1A input
S1-IN, S-GND	To connect the indoor exit button or alarm input
NC, NO, COM	To connect the door lock, alarm

Wiring Instructions

- DP9 series only supports an external power supply to connect the electronic lock.
- NO: Normal Open, idle status of the electric lock is opened
- COM: COM1 interface

- NC: Normal Closed, idle status of the electric lock is closed

External	Power off, door open	Power on, door open	Connections
√	√		
√		√	

Installation

Preparations

Check the following contents

- L-type screwdriver x 1
- RJ45 plugs x2 (1 spare)
- KA4 X30 mm screws x 5
- 6×30mm expansion tube x 5
- M3* 8mm screws x 2

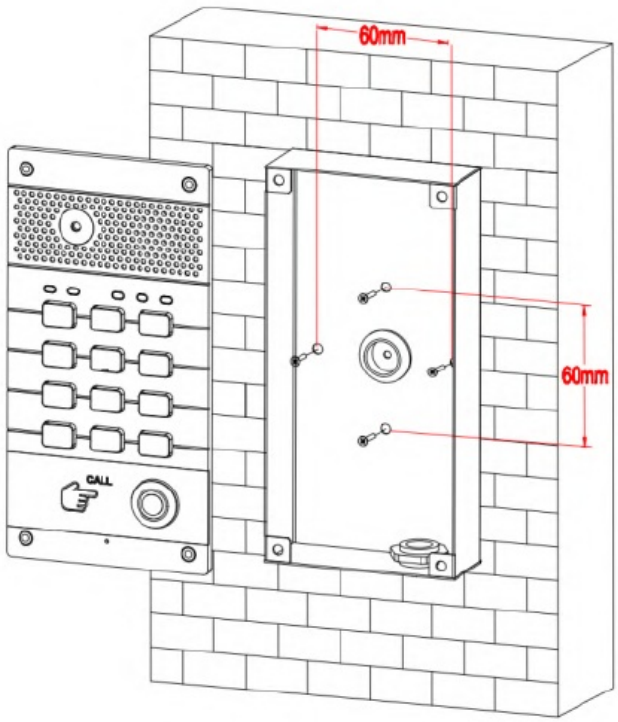
Tools that may be required

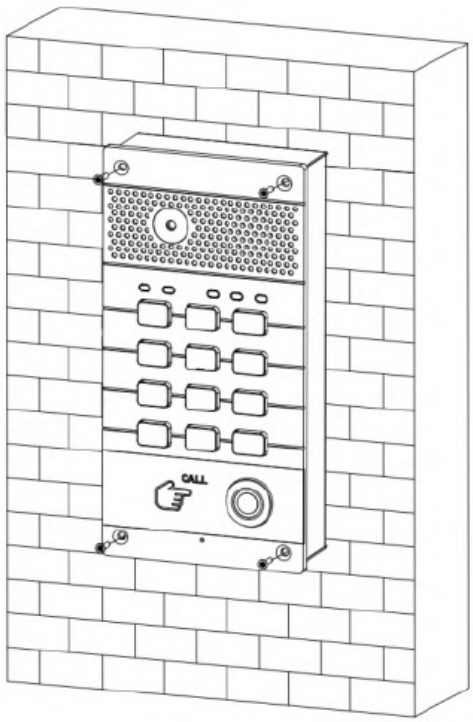
- L-type screwdriver
- Screwdriver (Ph2 or Ph3), hammer, RJ45 crimper
- Electric impact drill with a 6mm drill bit

Steps Take DP98V for example)

1. Drill four holes on the wall with a spacing of 60*60 mm for the frame installation, then insert a plastic expansion tube, and next use KA4*30 screws to tighten the back panel on the wall.
2. Put the front panel to the frame. With 4 X M3*8mm screws. Tighten the front panel to the back panel on the

wall.





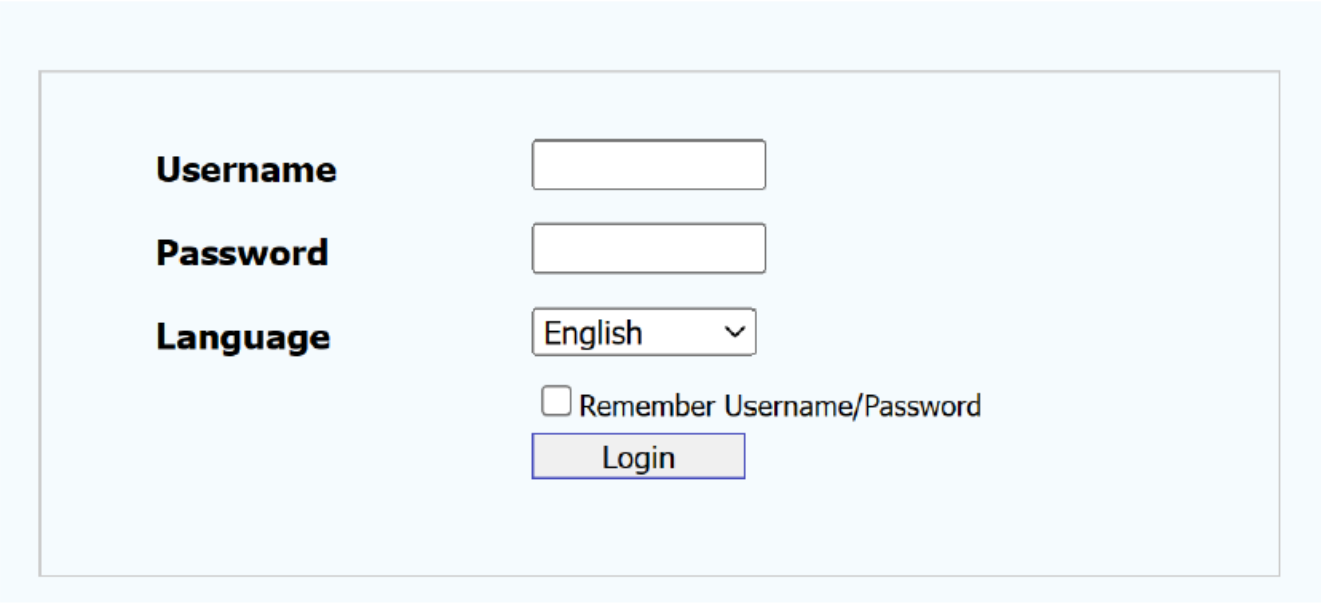
Obtaining the device's IP address

- After the device is powered on. By default, the device will get the IP address through DHCP.
- Press the dial key for ten seconds on the device panel, the intercom will voice broadcast the IP address.

SIP Intercom Setting

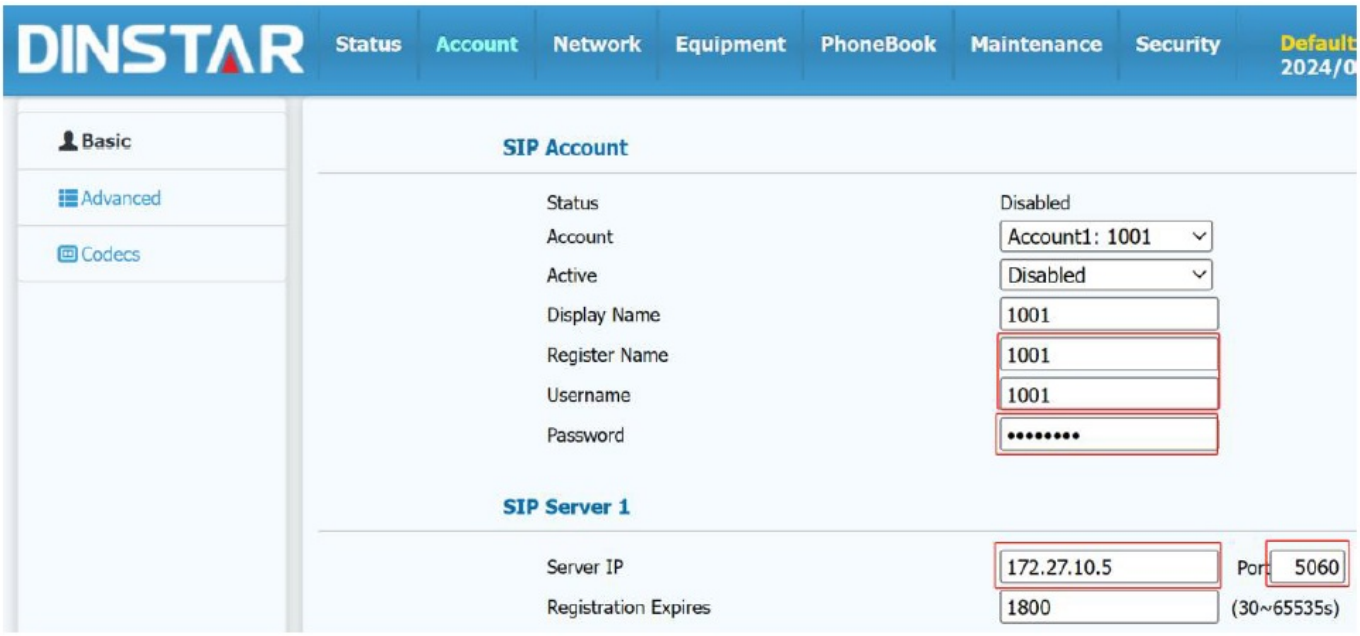
Log in the Device Web GUI

- Access the device by entering the device IP (e.g. http://172.28.4.131) through the browser, and the device login interface will open after logging in. The default user name of the interface is admin and the password is admin.



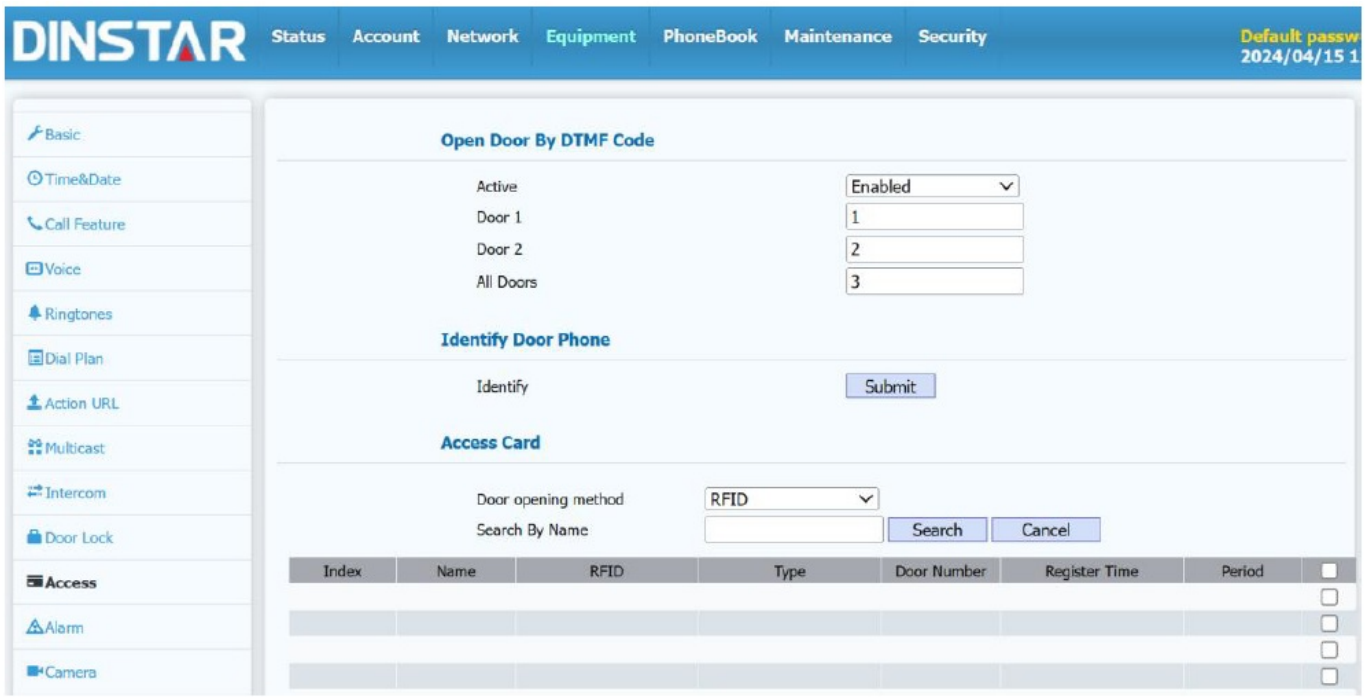
Add the SIP account

- Configure the SIP account status, register name, username, password, and SIP server IP and port by assigning the SIP account on the server side respectively, and finally click the submit button.



Set Door Access Parameters

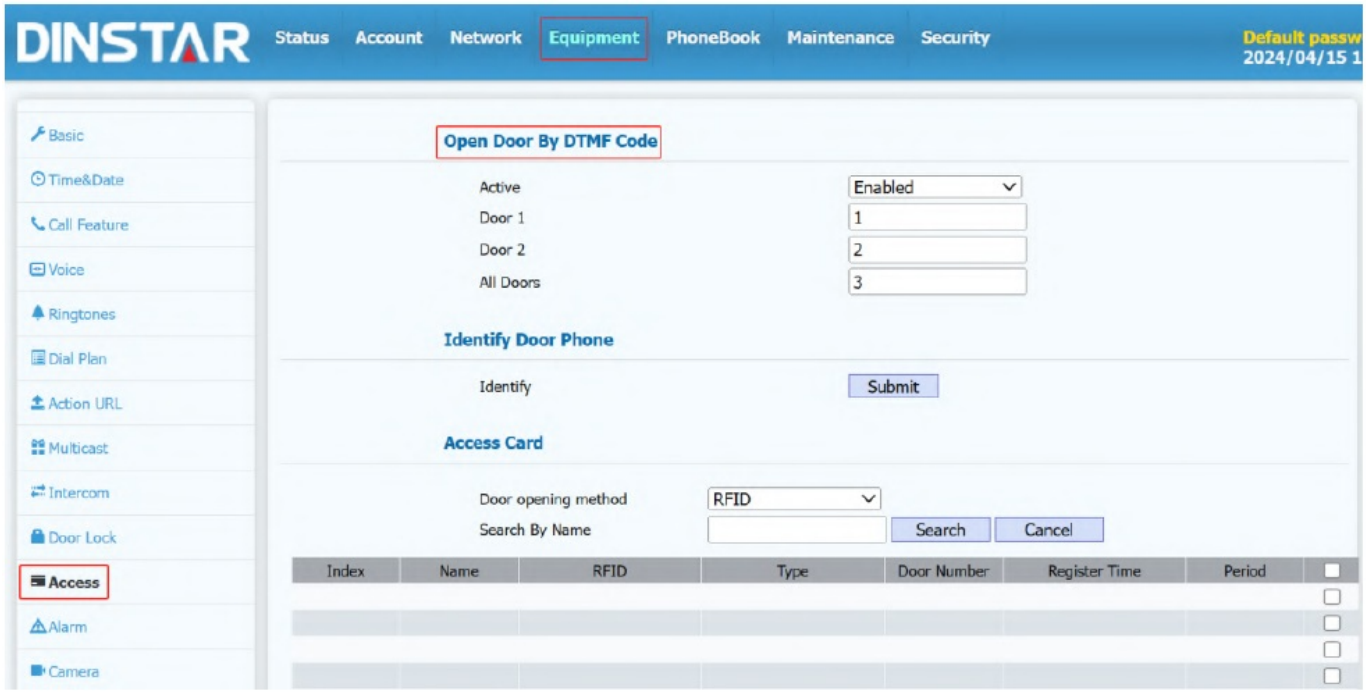
- Click “Equipment->Access” to set door access parameters. Including open door By DTMF Code, Access Card (RFID card & password) and HTTP (username & password of HTTP door open).



Door Open Setting

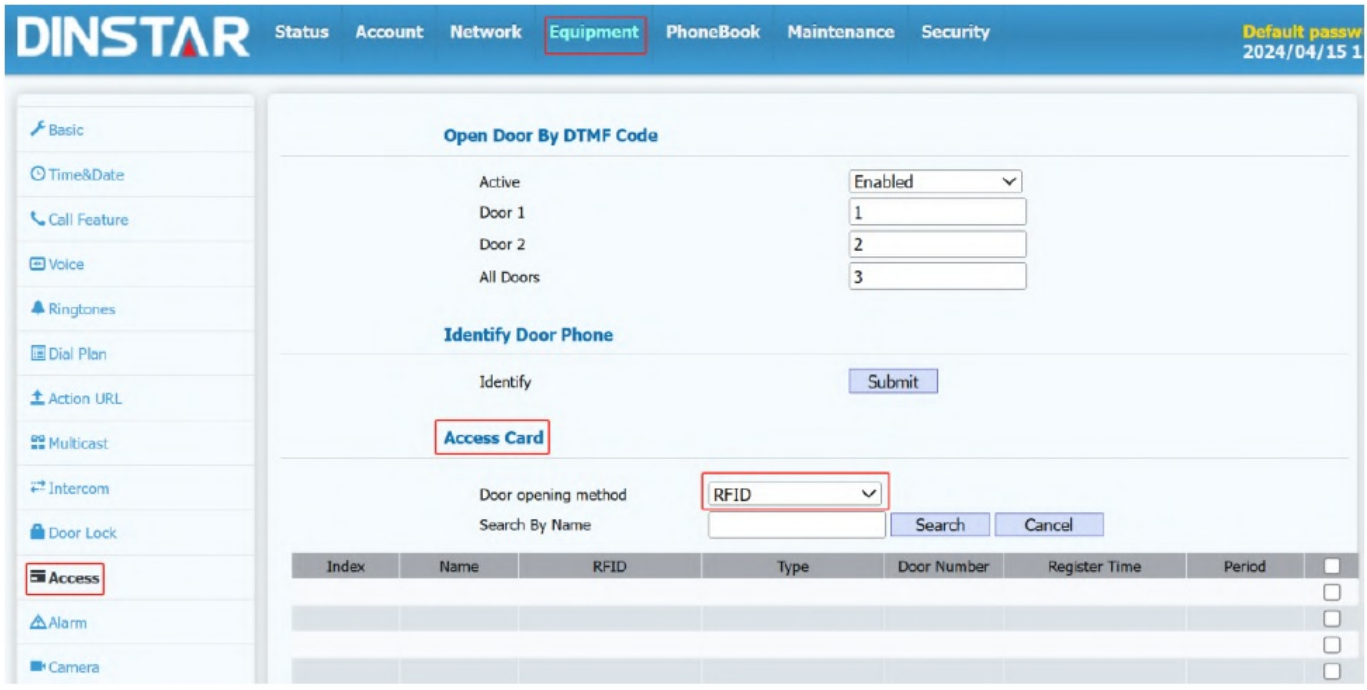
Open Door by DTMF Code

- Click “Equipment->Access”, select “Open Door by DTMF Code” to enable this function, and set the DTMF code for opening the door;
- When the intercom calls the indoor monitor, during the call, the indoor monitor can send a DTMF code to open the door.



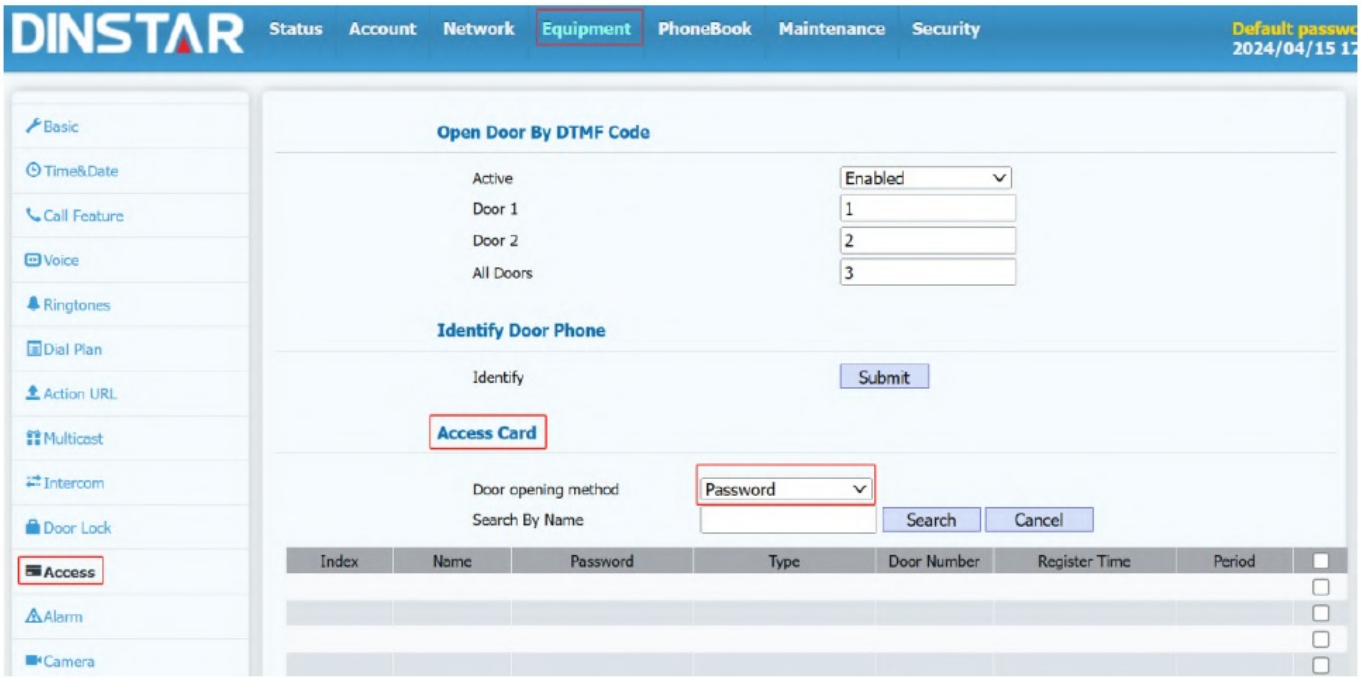
Open Door by RFID Card Only supported by some models)

- Click “Equipment->Access”, select “Access Card”, swipe a new card to the intercom, then refresh the web GUI, RFID card number will be displayed on GUI automatically. then click “add”;
- The door can be opened successfully by swiping the card with the corresponding door card.



Open Door By Password Only supported by some models)

- Click “Equipment->Access”, select “Access Card-> password”, and add the correct password to open the door configuration;
- Enter *password# on the device panel to open the door.



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Documents / Resources

	DINSTAR SIP Intercom DP9 Series [pdf] Installation Guide DP91, DP92, DP92V, DP98, DP98V, SIP Intercom DP9 Series, SIP Intercom, DP9 Series Interc om, Intercom

References

- D VoIP Gateway | IP PBX | IP Phone Session Border Controller SIP Intercom DINSTAR
- D VoIP Gateway | IP PBX | IP Phone Session Border Controller SIP Intercom DINSTAR
- User Manual

Manuals+, Privacy Policy

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