

DINSTAR

Quick Start Guide

DP81

DP85

DP88

Thanks for Choosing Dinstar's Product!

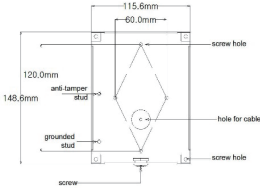
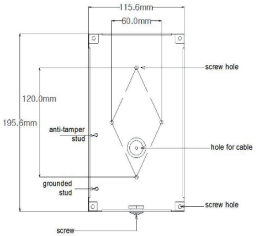
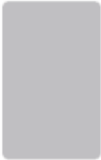
Please read this guide carefully before installation. For technical support, please call the service hotline:

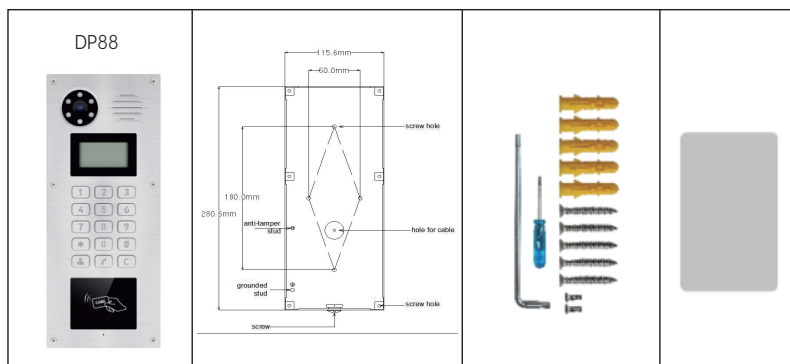
☎ +86 755 61919966

🌐 www.dinstar.com

✉ support@dinstar.com

Packaging Contents

SIP Intercom	Installation	Accessories	RFID Card
DP81 			
DP85 			

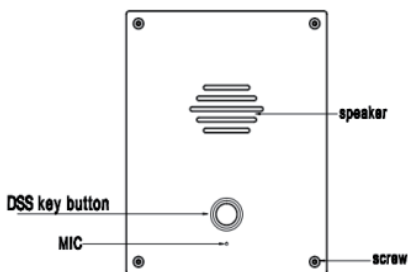


Physical Specifications

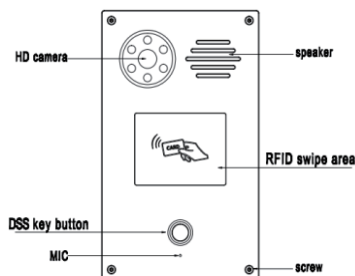
DP81 Device Dimension(L*W*H)	120*153*40 (mm)
DP85 Device Dimension(L*W*H)	120*200*40 (mm)
DP88 Device Dimension(L*W*H)	120*285*40 (mm)

• Front Panel

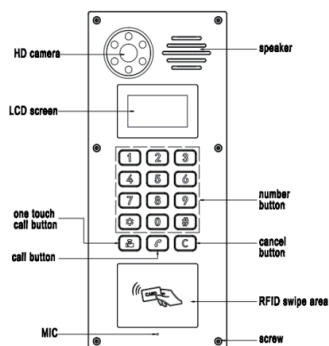
(1) DP81



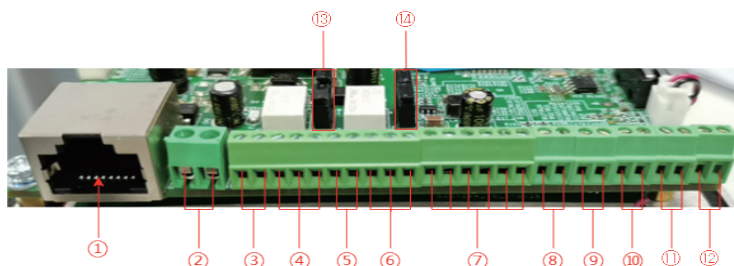
(2) DP85



(3) DP88



• Interface Description



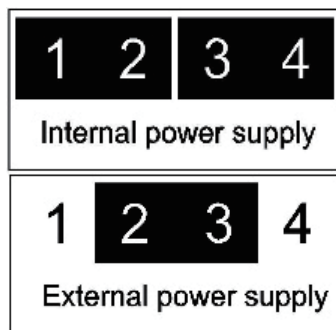
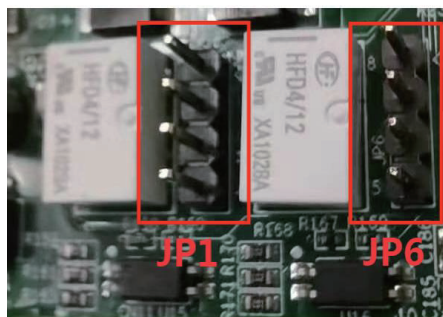
Number	Description
1	Ethernet interface: standard RJ45 interface, 10/100M adaptive, it is recommended to use five or five types of network cable
2	Power interface: 12V/1A input
3,5	Two sets of short-circuit input detection interfaces: for connecting switches, door magnets, vibration sensors and other input devices
4,6	Two sets of short-circuit output detection interfaces: for controlling the electric lock, alarm device, etc.
7	Wiegand interface
8,9	Two sets of door magnetic detection

10	Record output interface: to mix device voice and remote call voice, then release them together. One port is for record, another port is for GND
11	External active speaker interface: to 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 an external audio signal
13	JP1 Jumper
14	JP2 Jumper

JP1、JP6 Jumper

There are two modes for power supply of electric-lock as shown in the picture below.
(The default is "External power supply").

External power supply: When the electric-lock starting current is less than 12V/500mA, the device can use the internal drive mode, the electric lock interface is 12V DC output.



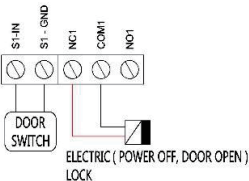
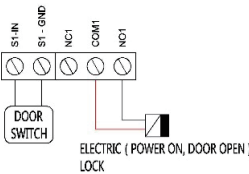
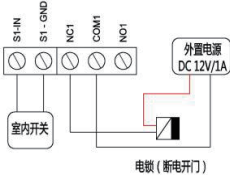
Wiring Instructions

NO: Normal Open, idle status of the electric lock is opened

COM: COM1/COM2 interface

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

•JP1 Jumper

Power Supply Type		Electric Lock type		JP1 Jumper	Connections
Internal	External	Power off, door open	Power on, door open		
✓		✓		 Internal power supply	 ELECTRIC (POWER OFF, DOOR OPEN) LOCK
✓			✓	 Internal power supply	 ELECTRIC (POWER ON, DOOR OPEN) LOCK
	✓	✓		 External power supply	 电锁 (断电开门)

	✓	✓	1 2 3 4 External power supply	
--	---	---	--	--

•JP6 Jumper

Power Supply Type		Electric Lock type		JP6 Jumper	Connections
✓		✓		1 2 3 4 Internal power supply	
✓			✓	1 2 3 4 Internal power supply	

	✓	✓		1 2 3 4 External power supply
	✓		✓	1 2 3 4 External power supply

Installation

• Preparations

(1) Check the following contents

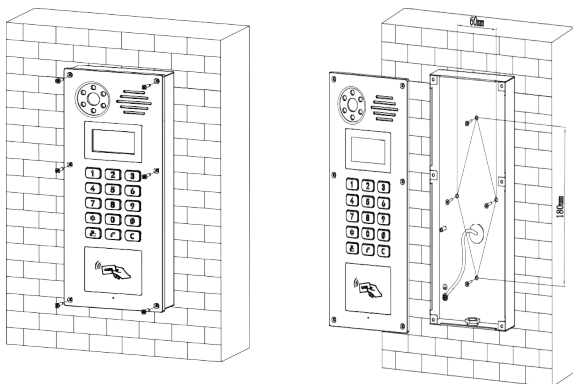
L-type screwdriver x 1
 Slotted screwdriver x 1
 KA4 X30 mm screws x 5
 6×30mm expansion tube x 5
 M3* 8mm screws x 2

(2) Tools that may be required

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

• Steps (Take DP88for example)

- (1) Drill four holes on the wall with a spacing of 60*180 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 6 X M3*8mm screws. Tighten the front panel to the back panel on the wall.



Obtaining the device 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.

Username	
Password	
Language	English
	☐ Remember Username/Password
	Login

• 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.

DINSTAR Status Account Network Equipment PhoneBook Maintenance Security Default page 2024/04/15 11:01

SIP Account

Status: Disabled
 Account: Account1: 1001
 Active: Disabled
 Display Name: 1001
 Register Name: 1001
 Username: 1001
 Password: *****

SIP Server 1

Server IP: 172.27.10.5 Port: 5060
 Registration Expires: 1800 (30-65535s)

• 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).

DINSTAR Status Account Network Equipment PhoneBook Maintenance Security Default page 2024/04/15 11:01

Open Door By DTMF Code

Active: Enabled
 Door 1: 1
 Door 2: 2
 All Doors: 3

Identify Door Phone

Identify [Submit]

Access Card

Door opening method: RFID
 Search By Name: [Search] [Cancel]

Index	Name	RFID	Type	Door Number	Register Time	Period

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 DTMF code to open the door.

DINSTAR Status Account Network Equipment PhoneBook Maintenance Security Default page 2024/04/15 11:01

Open Door By DTMF Code

Active: Enabled
 Door 1: 1
 Door 2: 2
 All Doors: 3

Identify Door Phone

Identify [Submit]

Access Card

Door opening method: RFID
 Search By Name: [Search] [Cancel]

Index	Name	RFID	Type	Door Number	Register Time	Period

• Open Door by RFID Card (Only supported by DP85/DP88)

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.

DINSTAR Status Account Network **Equipment** Phonebook Maintenance Security Default pass 2024/04/15 1

Basic
Time/Date
Call Feature
Voice
Ringtone
Dial Plan
Action URL
Publicnet
Intercom
Door Lock
Access
Alarm
Camera

Open Door By DTMF Code

Active Enabled
Door 1 1
Door 2 2
All Doors 3

Identify Door Phone

Identify Submit

Access Card

Door opening method RFID
Search By Name Search Cancel

Index	Name	RFID	Type	Door Number	Register Time	Period

• Open Door By Password (Only supported by DP88)

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.

DINSTAR Status Account Network **Equipment** Phonebook Maintenance Security Default pass 2024/04/15 1

Basic
Time/Date
Call Feature
Voice
Ringtone
Dial Plan
Action URL
Publicnet
Intercom
Door Lock
Access
Alarm
Camera

Open Door By DTMF Code

Active Enabled
Door 1 1
Door 2 2
All Doors 3

Identify Door Phone

Identify Submit

Access Card

Door opening method Password
Search By Name Search Cancel

Index	Name	Password	Type	Door Number	Register Time	Period

More Details

This document only provides instructions for quick installation and basic configuration, For detailed configuration and parameter explanation, please refer to the user manual or ask for online technical support.

Shenzhen Dinstar Co., Ltd.

Address: Floor 18, Building 7A, Vanke Cloud City Phase 1, Xingke 1st Street,
Xili Sub-district, Nanshan District, Shenzhen.

Qualification Certificate

Model

Inspector

MAC/SN

Date

Warranty Card

■ Warranty Claim Form

Cusomter's Name: _____ Puchase Date: _____

Address: _____ Telephone: _____

Date of Failure	Problem Description S/N of Faulty Devices/Parts	Repaired Results	Repaired Date

To help us serve you better. Please fill out this Warrant Claim Form and ship it together with faultydevices/parts.Thanks for your cooperation.

■ Warranty Terms and Conditions

We provide warranty cover for this appliance subject to the following conditions:

1. For any fault that occurs during normal use within one month after product sale, customer can ask for freereturn, replacement or repair, and Dinstar pays the freight out and home.
2. For any fault that occurs during normal use within one year after product sale, customer can enjoy freemaintenance, and part of the return freight is borne by Dinstar.
3. Customer can still enjoy maintenance services within three years after product sale, but he or she needs topay the cost of materials.
4. Customer can still enjoy maintenance services after three years since product sale, but he or she needs to paythe cost of labor and materials.
5. Please bring purchase certificate and the warranty card (effective when stamped). If these are notpresented, the free warranty period will be calculated from the date of production.
6. Customer cannot have free warranty service under the following conditions:
 - 1) The free warranty period has expired.
 - 2) Damages caused by human activities (including the damages due to incompliance with the requirements in user manual during installation or use).
 - 3) Damages due to use of accessories that are not produced by Dinstar.
 - 4) Consequences resulting from unauthorized tampering with the product.
 - 5) Damages during transportation, loading or unloading
 - 6) Damages caused by force majeure such as earthquake, fire disaster and lightning stroke.

