i31

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Video SIP Door Phone
Quick Installation Guide

Wall mounted

In-wall

Fanvil

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or

i31
SIP Door Phone

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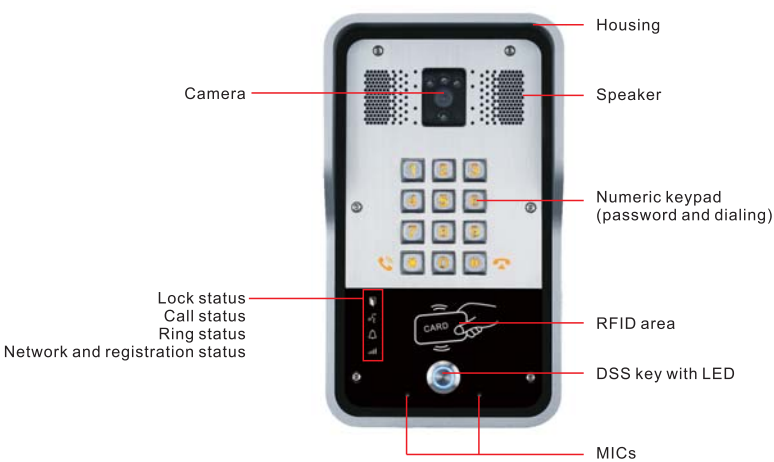


Video SIP Door Phone Configuration

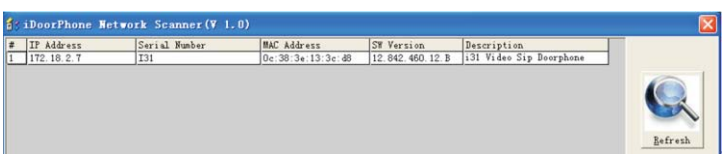
Step One: Confirm the equipment connection

Make sure the correct connections of power cord, network cable, electric lock's control wire, etc and make a normal power on startup.
Refer to status table below for device working check:

LED Icon	Description	Working Status
	DSS key LED	Always on if powered
	Network/SIP Registration	Network error: Blink with 1s Network running: Off Registration failed: Blink with 3s Registration succeeded: On
	Lock Status	Door unlocking: On Door locking: Off

Step Two: Get the IP Address

Method 1:
Use the IP scanning tool to get IP address,
1)Install the scanning tool which will be found in the CD of (English\iDoorPhoneNetworkScanner setup V1.0.exe).
2)Ensure the computer, which running the IP scanning tool, is in the same local network with the corresponding device.
3)Run the tool (iDoorPhoneNetworkScanner.exe) to search the IP address of corresponding device within the network.



Method 2:
Press and hold “#” key for 3 seconds and the door phone will report the IP address by voice.
(Note: when power on, 30s waiting is needed for device running. After it, method 2 can be worked.)

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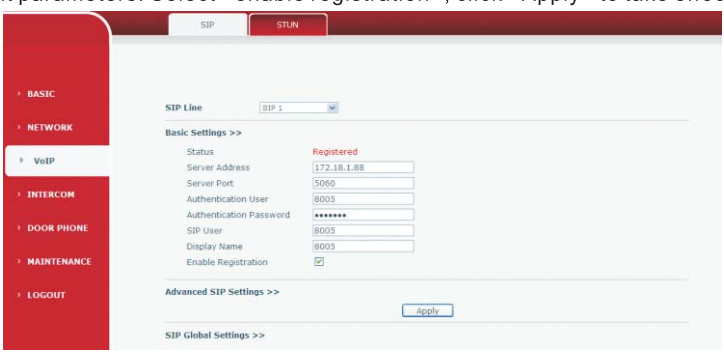
Step Three: Log in the door phone

Input IP address (e.g. http://192.168.1.149) into address bar of PC's web browser. The default user name and password are both admin.

Step Four: Add SIP account

Set SIP server address, port, user name, password and SIP user with assigned SIP account parameters. Select <enable registration>, click <Apply> to take effect.



Step Five: Set DSS key

Set the DSS key as below for a quick start. Click <Apply> to take effect.
Type: Hot Key.
Number1: the DSS Key will dial to.
Number2: call will be forwarded to, if number1 is unavailable.
Line: working line.
Subtype: Speed Dial.

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Step Six: Door phone Settings

> Door unlocking modes:

1.Local

* Set <Local Password> (the default is "6789") via DOOR PHONE\DOOR PHONE as above.
* Use the device's keypad to input password and "#" key, then the door will be unlocked.

2.Remote

1)Visitors call to owner

* Visitors call to owner via position speed dial or phone number. (When set the speed dial key, can press it to call direct.)
* The owner answers the call, with pressing the "*" key to unlock the door for visitors.

2)Owner calls to visitors

* Owner calls to visitors via SIP phone.
* Video SIP door phone answers the call automatically.
* Owner use keypad to input corresponding <Access codes> to unlock the door.

3.RFID cards

* Use pre assigned RFID cards to unlock the door, by touching RFID area of device.

4.Indoor switch

* Press indoor switch, which is installed and connected with device, to unlock the door.

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Door Phone Settings		
Setting Item	Function	Initial Value
Switch Mode	Monostable: there is only one fixed action status for door unlocking. Bistable: there are two actions and statuses, door unlocking and door locking. Each action might be triggered and changed to the other status. After changed, the status would be kept.	monostable
Keypad Mode	Only password: password input only, dialing would be forbidden. Password+dialing: password input is default. Dialing mode is as below if you want. * key for off hook to dialing mode, # key for hang up. * Time out or length match for number sending when dialing mode.	Password+dialing
Switch-On Duration	Door unlocking time for monstable mode only. If the time is up, the door would be locked automatically.	5 seconds
Talk Duration	The call will be ended automatically when time up	120 seconds
Remote Password	Remote door unlocking password	*
Local Password	Local door unlocking password via keypad, the default password length is 4	6789
Description	Device description displayed on IP scanning tool software	i31 IP Door Phone
Enable Indoor Open	Enable or disable to use indoor switch to unlock the door	Enable
Enable Card Reader	Enable or disable card reader for RFID cards	Enable
Limit Talk Duration	If enabled, calls would be forced ended after talking time is up	Enable
Door Unlock Indication	Indication tone for door unlocked. There are 3 type of tone: silent/short beeps/long beeps	Long beeps
Remote Access Code Check Length	The remote access code length would be restricted with it. If the input access code length is matched with it, system would check it immediately	4

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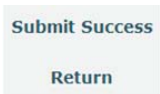
>Cards management

1.Add user cards

Method 1: used to add cards for starters typically

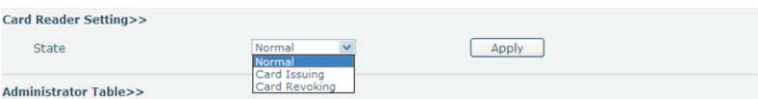
1) In web page < Door card\Card Reader Setting> option, select <Card Issuing> function.

2) Click <Apply>, Card Reader would be entered the issuing status.



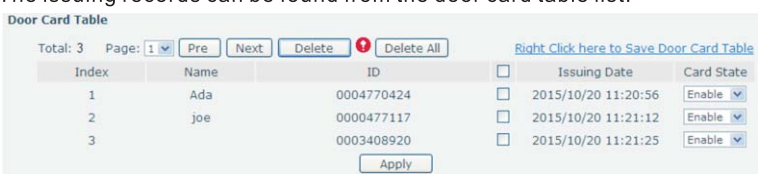
3) Use new card to touch card reader induction area, and then you might hear the confirmed indication tone from the device. Repeat step 3 to add more cards.

4) In web page <Door card\card reader Settings > option, select <normal> function.



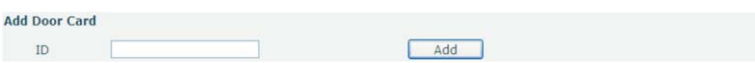
5) Click <Apply>, Card Reader would be back to the Normal status.

6) The issuing records can be found from the door card table list.

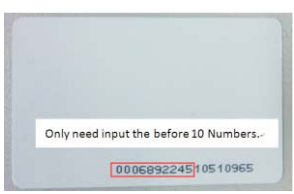


Methods 2: use to add few cards

1)Input cards number in door card settings page, and then click <Add>.



Note: you can also use the USB card reader connected with PC to get cards ID automatically.



Method 3: used to add cards for professionals

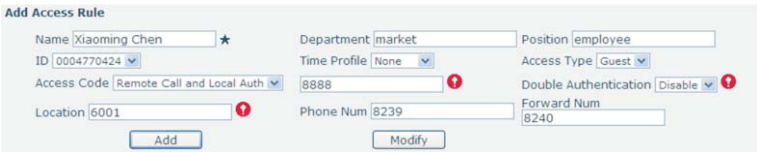
1) Use <Issuer admin card> to touch card reader induction area, and it would be entered issuing card status.
2) Use new card to touch card reader induction area, and you might hear the confirmed indication tone from the device. Repeat step 2 to add more cards.
3) Use <Issuer admin card> to touch card reader induction area again, it would be back to normal working status.

Note: please refer to user manual for <admin card> information.

2.Add access settings

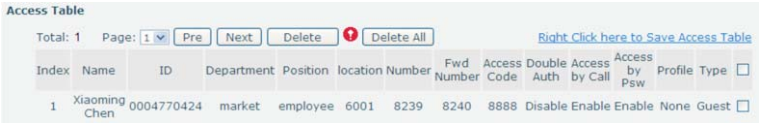
1) Add a new access rule

Fill the user stuff as below and click <Add> to take effect.



Access Rule	
Setting Item	Function
Name(necessary)	User name
ID	RFID card number
Time Profile	Valid for user access rules (including RFID, access code, etc) within corresponding time section. If NONE is selected, it would be taken effect all day.
Access Type	Host: the door phone would answer all call automatically. Guest: the door phone would be ringing for incoming call, if the auto answer had been disabled.
Access Code	1/ When the door phone has been answering the call from below <Phone Num> user, then the <Phone Num> user can input the access code by keypad to unlock the door remotely. 2/ The user's private password for local door unlocking by door phone's keypad.
Double Authentication	When enabled, private password inputting and RFID reading must be matched simultaneously for door unlocking.
Location	Virtual extension number, used to make position call instead of real number. It might be taken with unit number, or room number.
Phone Num	User Phone Number
Forward Num	Call forwarding number when above Phone Num is unavailable.

2) Access Table



Application for above access rules:

a)0004770424 RFID card for local door unlocking.

b)Private access code inputing of 8888# for local door unlocking.

c)Public password inputing of 6789# for local door unlocking. (Default public local password is 6789.)

d)Door phone has been answering the call from 8239 SIP phone and the user of 8239 input 8888 by SIP phone keypad for remote door unlocking.

e)Door phone makes a call to 6001 or 8239. The user answers the call and input * by SIP phone keypad for remote door unlocking. (Default remote password is *.)

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