i18

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Video Intercom
Quick Installation Guide

Wall mounted

In-wall

Fanvil

Introduction

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i18 Video Intercom

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Quick Installation Guide

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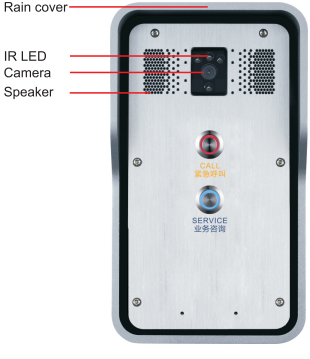

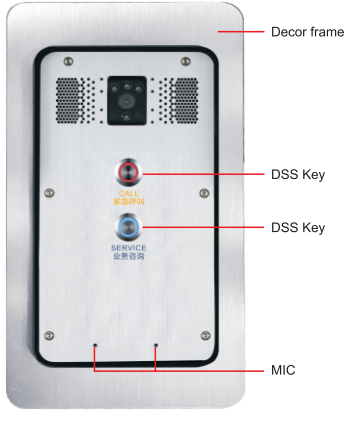

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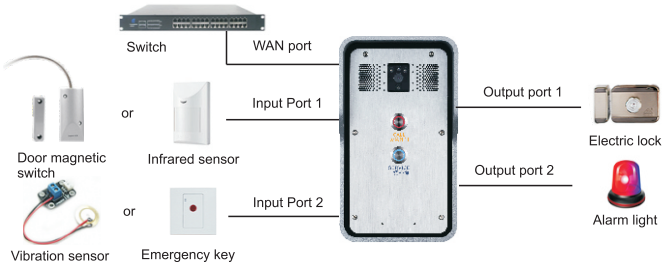
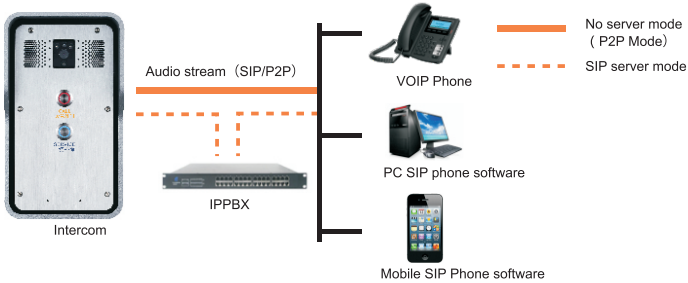
IP Intercom Topological Graph





Users can call the same group of people through the VOIP phone, PC or mobile phone SIP phone software, and realizes remote control to the device. (Such as a door lock, Alarm lamp etc.)

Video Intercom Configuration

Step One: Confirm the equipment connection

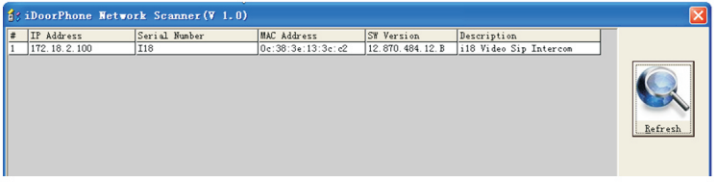
Make sure the correct connections of power cord, network cable, etc and make a normal power on startup.
Refer to status table below for device working check:

LED Icon	Description	Working Status
	DSS key LED	Network error: Blink with 2s Network running: Off Registration failed: Blink with 6s Registration succeeded: On

Step Two: Get the device IP Address:

Methods 1:
Use the IP scanning tool to get IP address,

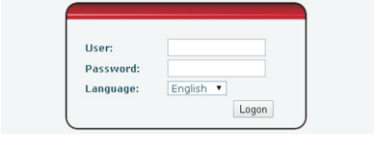
1)Install the scanning tool which will be found in the CD of (English\iDoorPhoneNetworkScanner setup V1.0.exe).
2)Ensure the computer, which running the IP scanning tool, is in the same local network with the corresponding device.
3)Run the tool (iDoorPhoneNetworkScanner.exe) to search the IP address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

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.



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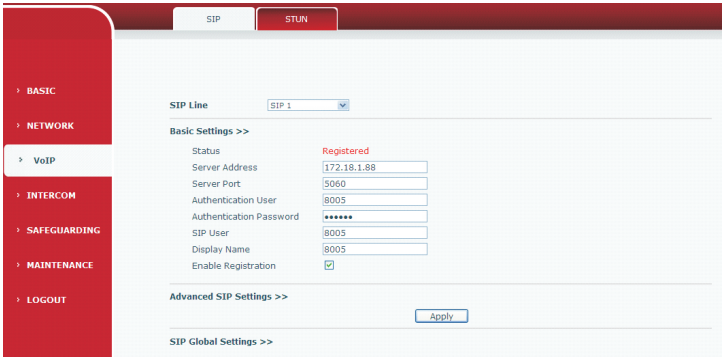
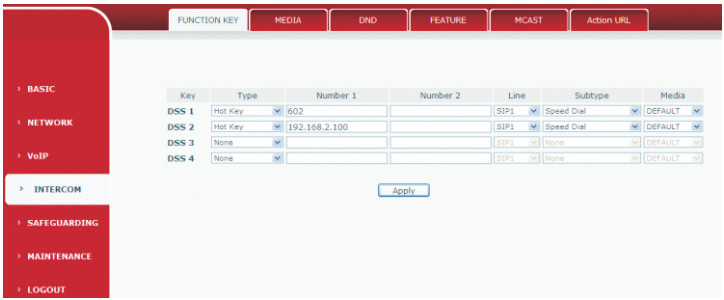
Step Four: Add SIP account

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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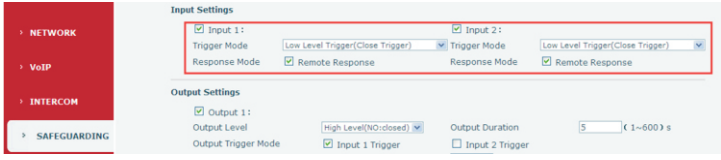
Step Six: Set the security function

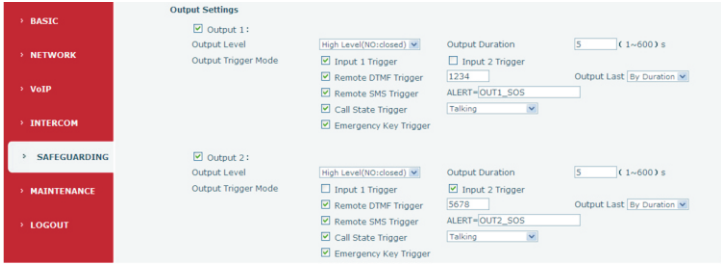
> The two short circuits input configuration method

WEB→Safeguarding, As shown in the figure below



Function		Description
Trigger mode	Low Level Trigger (Close Trigger)	Double short circuit detection port(If it is single port, is the low level)Detection to trigger when closed
	High Level Trigger (Disconnect Trigger)	Double short circuit detection port(If it is single port, is the high level)Detection to trigger when disconnect
	Remote Response	When meet the input port to trigger condition, to the server sends the alarm information correspondence. [note] Input port1 trigger, to send command format: The trigger device the IP; Port=Input1 Input port2 trigger, to send command format: The trigger device the IP; Port=Input2

> The two short circuits output configuration method



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Function			Description
Output level	Low Level (NO: always on)		When meet the trigger condition, trigger the NO port disconnected.
	High Level (NO: always off)		When meet the trigger condition, trigger the NO port close.
Output Duration	1~600S		Define the output Duration change of output port.
Output trigger mode	Input port1 trigger		When the input port1 meet to trigger condition, the output port1 will trigger(The Port level time change, By < Output Duration> control)
	Input port2 trigger		When the input port2 meet to trigger condition, the output port2 will trigger(The Port level time change, By < Output Duration> control)
	Remote DTMF trigger	By duration	Received the terminal equipment to send the DTMF password, if correct, which triggers the corresponding output port (The Port level time change, By < Output Duration> control)
		By Calling State	During the call, receive the terminal equipment to send the DTMF password, if correct, which triggers the corresponding output port (The Port level time change, By call state control, after the end of the call, port to return the default state)
	Remote SMS trigger		In the remote device or server to send instructions to ALERT=[instructions], if correct, which triggers the corresponding output port
	Call state trigger		The port output continuous time synchronization and trigger state changes, including the trigger conditions: 1, call; 2, call and singing; 3, singing; three models. (for example: the call trigger output port, will be in conversation state continued to output the corresponding level)
	Emergency key trigger		When the emergency call button to trigger the equipment shell, which triggers the corresponding output port(after the end of the call, port to return the default state)

> The tamper detection configuration method

Function	Describe
Tamper Alarm	When the selection is enabled, the tamper detection enabled
Alarm command	When detected someone tampering the equipment, will be sent alarm to the corresponding server
Reset command	When the equipment receives the command of reset from server, the equipment will stop alarm
Reset	Directly stop the alarm from equipment in the Webpage

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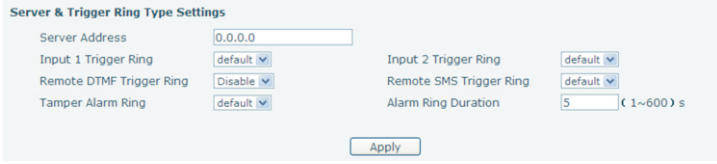
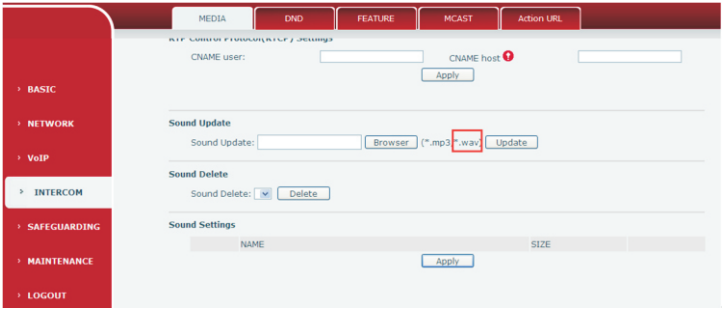
> The trigger ring type setting



Function	Description
Server Address	Configure remote response server address(including remote response server address and tamper alarm server address)
Input 1 trigger ring	When the input port 1 triggering condition is satisfied, the corresponding ring tone or alarm
Input 2 trigger ring	When the input port 2 triggering condition is satisfied, the corresponding ring tone or alarm
Remote DTMF trigger ring	When received the remote DTMF command, whether to output the ringtone
Remote SMS trigger ring	When receiving the remote SMS instructions, whether to output the ringtone
Tamper alarm ring	When the detected someone tampering the equipment, plays the corresponding ringtone or alarm
Alarm duration	Duration of alarm ring(not including tamper alarm)

> Set custom ringtones

You can access to webpage to change the ringtone: WEB →Intercom→MEDIA
File format: wav, single channel 8Khz sampling.
The file name, ring1: 1.wav(the ring2 replacement, file name: 2.wav)

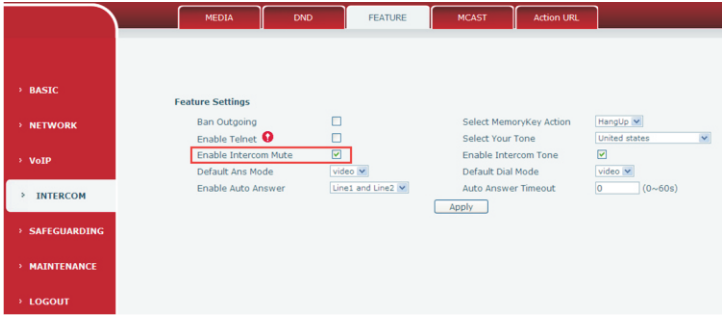


Video Intercom Configuration

> The broadcast terminal configuration notice

1)How to avoid an incoherency sound when the broadcast playing?

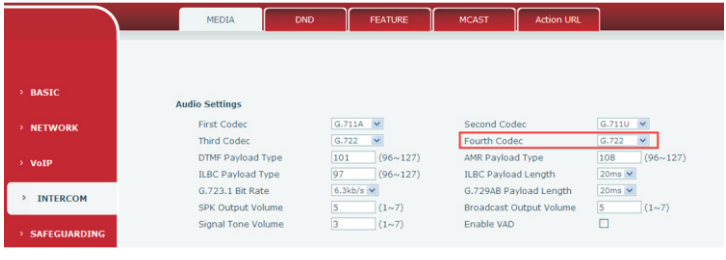
When the terminal use as broadcast, the speaker is loud, if not set mute for microphone, the AEC (echo cancellation) of equipment will be activated, which leads the sound incoherence. In order to avoid such circumstance, when the equipment turn to use as radio should be set as intercom mode, and activate the intercom mute, so as to ensure the broadcast quality.



2)How to improve broadcasting tone quality?

In order to obtain better broadcast quality, recommend the use of the HD (G.722) mode for broadcast.

Voice bandwidth will be by the narrow width (G.722) of 4 KHz, is extended to broadband (G.722)7 KHz, when combined with the active speaker, the effect will be better.

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