



Fanvil i10SD SIP Mini Intercom Installation Guide

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i10SD SIP Mini Intercom Installation Guide



i10S



i10SV







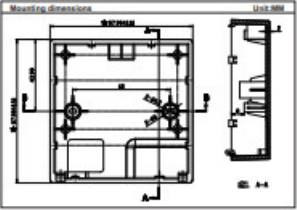
i10SD

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Package Contents

	Mini Intercom
	Quick Installation Guide
	Screw and tool
	Connector
	Mounting Template

Physical specification

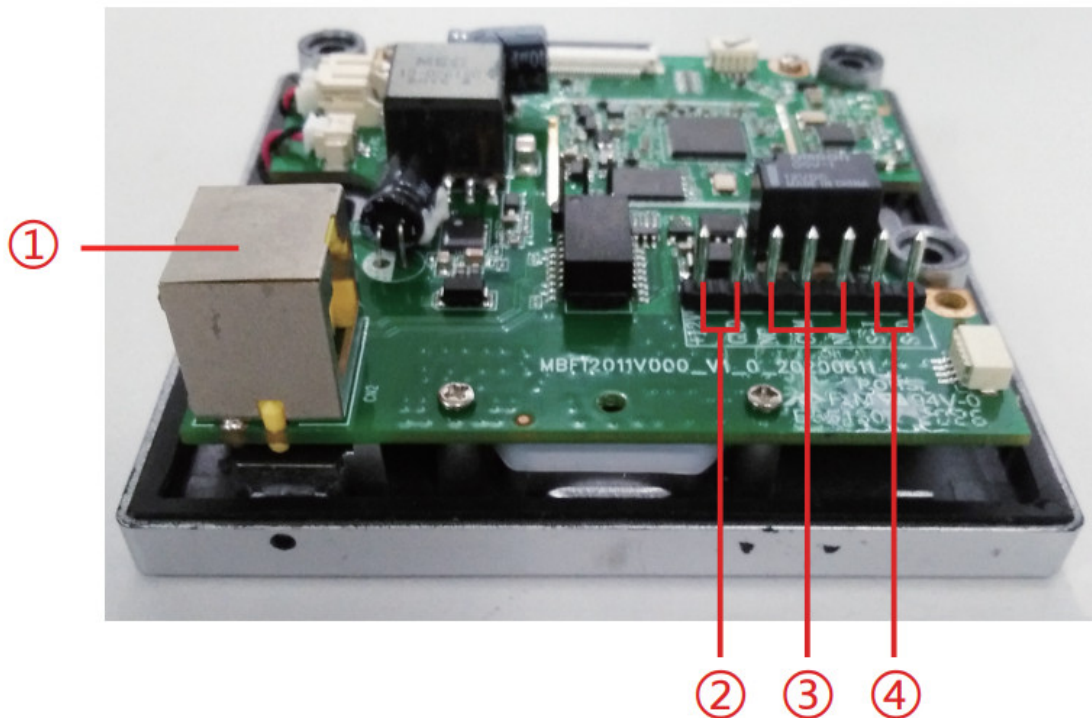
Device size	88 x 88 x 32 mm
i10SV	No camera, 1 button
i10SD	With a camera, 1 button
i10S	No camera, 2 button

Panel



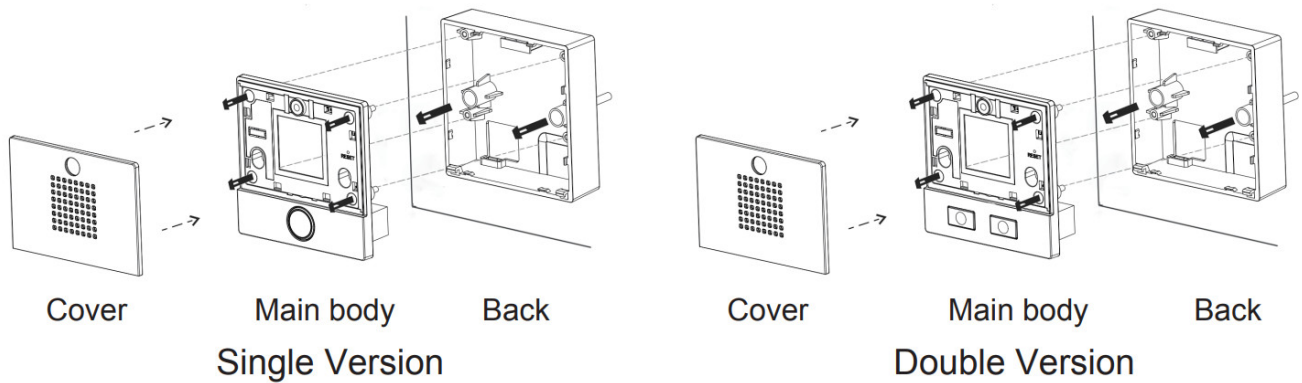
Interface description

Open the rear case of the device, there is a row of terminal blocks for connecting the power supply, and indoor switch. The connection is as follows:



Serial 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	A set of short-circuit output interfaces
4	A set of short-circuit input interfaces

Installation Diagram



a. Installation of rubber plug:

- a) Wall mount: Attach the installation dimension drawing to the position to be installed, use the electric drill to punch the hole in the 2 screw holes marked, and use the hammer to drive the rubber plug into the drilled hole.
- b) Built-in: Attach the installation dimension drawing to the position to be installed, open a groove of the same size according to the size, use the electric drill to punch the hole in the 2 screw holes marked, and use the hammer to drive the rubber plug into the drilled hole.

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- b) Remove the cover;
- c) Use a screwdriver to remove the 4 screws on the main body to separate the main body from the rear case;
- d) Pass all the wires through the hole in the lower right corner of the bottom case. All lines must be reserved for a length of 15~20CM;
- e) Fix the housing
 - a) Wall Mount: Align the bottom case with the position of the screw hole that was previously punched on the wall, and screw in the two screws with a screwdriver to fix the bottom case to the wall;
 - b) Built-in: Place the bottom case into the previously opened groove and screw in the two screws with a screwdriver to secure the bottom case to the wall;
- f) Connect the power, network, and control cables, and test whether there is electricity by doing the following:
 - a) Long press the DSS key for 3 seconds(after power-on for 30 seconds), and when the speaker beeps rapidly, press the DSS key again quickly, the beeps stop, and the intercom will report the IP address by itself.
 - b) If the work is normal, continue with the next steps.
- g) Lock the 4 screws removed in step 3;
- h) Cover the cover removed in step 2;


Searching device

Methods 1:

Download address: <http://download.fanvil.com/tool/iDoorPhoneNetworkScanner.exe>

Open the door phone Network Scanner. Press the Refresh button to search the device and find the IP address.

iDoorPhone Network Scanner(V 1.0)					
#	IP Address	Serial Number	MAC Address	SW Version	Description
1	192.168.1.128	i10SV	00:a8:34:00:aa:74	T0.1.1	i10SV



Method 2:

Long press the DSS key for 3 seconds(after power-on for 30 seconds), and when the speaker beeps rapidly, press the DSS key again quickly, the beeps stop, and the intercom will report the IP address by itself.

Method 3:

In addition, the device provides the device surface DSS key operation to switch IP address acquisition mode: In the standby mode, long-press the DSS key for 3 seconds, and the beep will last for 5 seconds. Within 5 seconds, press the DSS key three times quickly to switch to the network mode.

- If it is in the mode of DHCP and doesn't receive the IP address, switch it to the mode of static IP (192.168.1.128), and broadcast the IP address after the successful switch.
- If it is in the mode of static IP address (192.168.1.128), switch it to the DHCP mode, and broadcast the IP address after the successful switch.
- If it is in the mode of DHCP and obtains the IP address, the mode will not be switched and directly broadcast the IP.

Default Setting			
Default DHCP Client	Enabled by default	Static IP address	192.168.1.128
Default DHCP Client	Hold the DSS key for 3 seconds, then press the DSS key again.	Default Web port	80

Fast settings

Step 1: Log in to the device page

Use the web browser input IP (for example <http://192.168.1.128>) access.

The default user and password are admin.

User:

Password:

Language:

English

▼

☐

Logon

Step 2: Set SIP account

Set the SIP server address, port, user name, password, and SIP user with assigned SIP account parameters. Select "Activate", and then click [Apply] to save this setting.

SIP Line 8207@SIP

Register Settings >>

Line Status:		Activate:	<input checked="" type="checkbox"/>
SIP User:	8207	Authentication User:	8207
Display Name:	8207	Authentication Password:	*****
Realm:		Server Name:	

SIP Server 1:		SIP Server 2:	
Server Address:	172.18.1.88	Server Address:	
Server Port:	5060	Server Port:	5060
Transport Protocol:	UDP	Transport Protocol:	UDP
Registration Expiration:	3600 second(s)	Registration Expiration:	3600 second(s)
Proxy Server Address:		Backup Proxy Server Address:	
Proxy Server Port:	5060	Backup Proxy Server Port:	5060
Proxy User:			

Step 3: Set the volume (if not connected can skip)

Intercom settings => Media Settings => Media Settings

Set the device volume size, as shown below, and click [Apply].

Speakerphone volume setting: set the speaker volume for normal calls.

Handsfree Mic Gain: set the microphone volume of the call.

Media Settings >>

Handset Volume:	5 (1~9)	Default Ring Type:	1.wav
Speakerphone Volume:	7 (1~9)		
Speakerphone Ring Volume:	3 (0~9)		
DTMF Payload Type:	101 (96~127)	Headset Mic Gain:	3 (1~9)
handset Mic Gain:	3 (1~9)	Handsfree Mic Gain:	3 (1~9)
OPUS Payload Type:	107 (96~127)	OPUS Sample Rate:	OPUS-NB
ILBC Payload Type:	97 (96~127)	ILBC Payload Length:	20ms
Enable VAD:	<input type="checkbox"/>		
Enable Line-in:	Disable		
Enable Line-out:	Disable		

RTP Control Protocol(RTCP) Settings >>

RTP Settings >>

NOTE

Description:
Media settings, you can set the voice coding, volume, ringtones and so on.

Step 4: Set function key (if not connected can skip)

Set the function key as shown below for a quick start, and click [Apply] to save this setting.

Type: Memory key

Number 1 (Value): the function key will dial to this number 1

Number 2 (Value 2): if number 1 is unavailable, it will be forwarded to number 2.

Subtype: speed dial

Line: working line

System

Network

Line

Intercom settings

Phonebook

Function Key

Security

Device Log

Security Settings

Softkey

Advanced

Soft DSS Key Settings

Key	Type	Name	Value	Value2	Subtype	Line	Media
DSS Key 1	Memory Key	8334	8334		Speed Dial	8345@SIP1	DEFAULT
DSS Key 2	None				None	AUTO	DEFAULT
DSS Key 3	None				None	AUTO	DEFAULT

Apply

Step 5: Set the security function

1 set of short-circuit input and output settings, tamper alarm server settings.

System

Network

Line

Intercom settings

Phonebook

Function Key

Security

Device Log

Security Settings

Basic Settings

Ringtone Duration: 5 (1~600)s
Input & Tamper Server Address:
Message:Alarm_Info:Description=i10V;SIP User=8345;Mac=0c:3a:02:3e:a2:f3;IP=172.18.90.54;port=Input

Apply

Input Settings >>

Output Settings >>

Triggered By DTMF RingTone: 2.wav

Triggered By URI Ringtone: 2.wav

Triggered By SMS Ringtone: 2.wav

Output1:

Standard Status: Low Level(NO open)
Output Trigger Mode: ☐ Trigger By DTMF ☐ Trigger By Active URI

Output Duration: 5 (1~600)s

DTMF Trigger Code: 1234

DTMF Reset Code: 4321

Reset By: By Duration

Trigger Message: OUT1_SOS

Reset Message: OUT1_CLR

Documents / Resources

[Fanvil i10SD SIP Mini Intercom](#) [pdf] Installation Guide
i10S, i10SV, i10SD, SIP Mini Intercom, i10SD SIP Mini Intercom, Mini Intercom, Intercom

References

- download.fanvil.com/tool/iDoorPhoneNetworkScanner.exe
- [Fanvil Technology Co., Ltd](#)