



## Fanvil i10S SIP Mini Intercom Installation Guide

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The Fanvil logo is displayed in a bold, red, sans-serif font. The letters are thick and closely spaced, with a modern, slightly stylized appearance.

## Fanvil i10S SIP Mini Intercom



### Package Contents



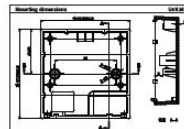
**Mini Intercom**



**Connector**



**Quick Installation Guide**



**Mounting Template**

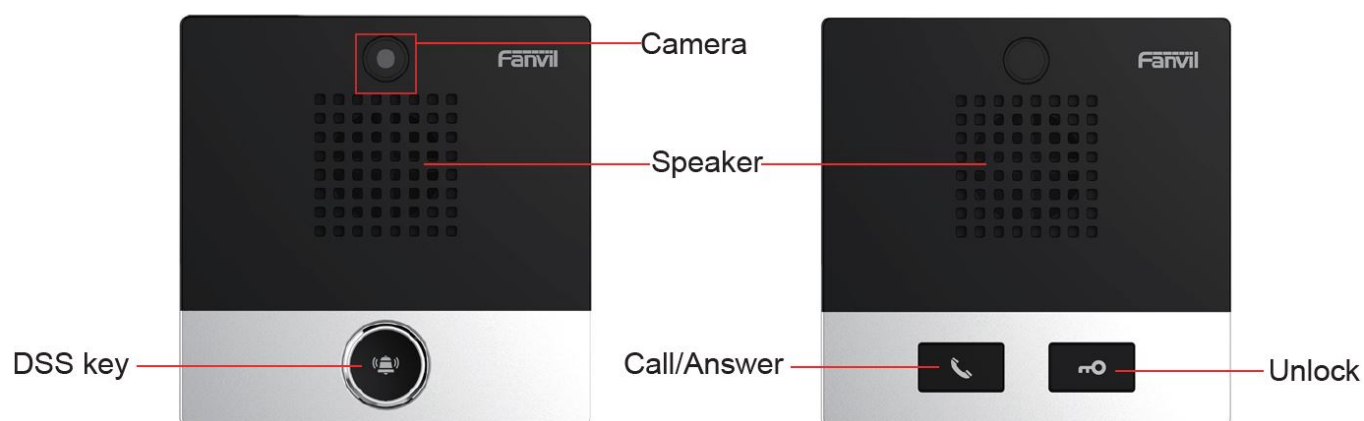


**Screw and tool**

### Physical specification

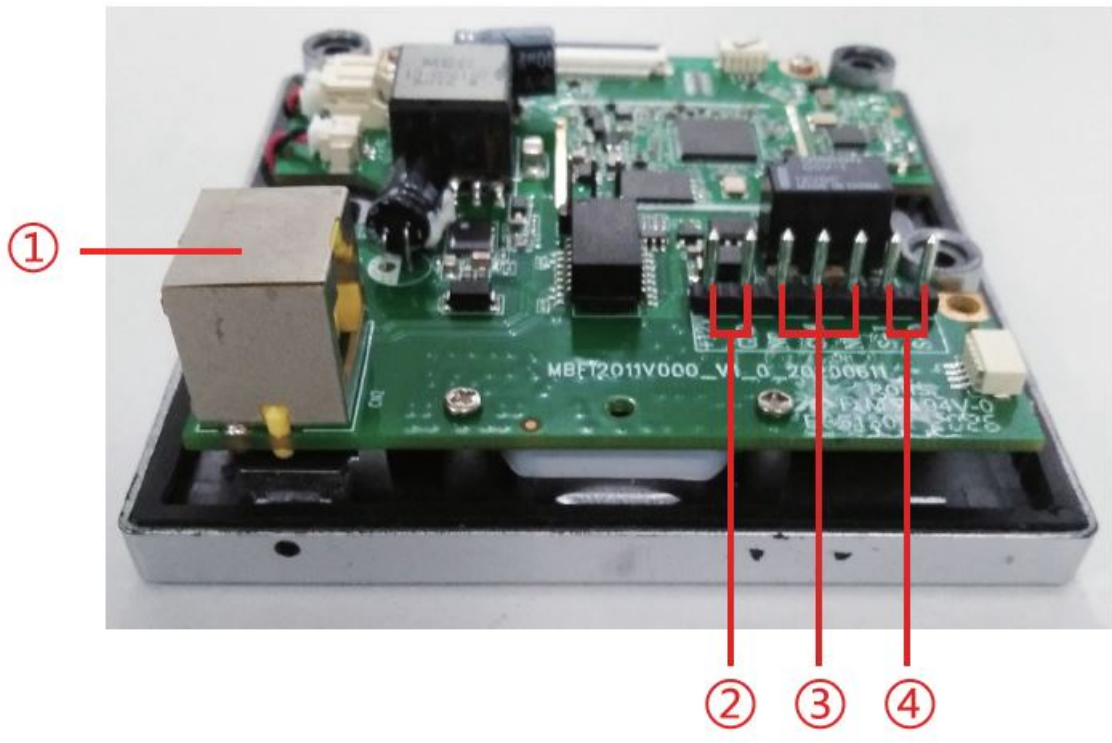
Device size	88 x 88 x 32 mm
i10S	No camera, 1 button
i10SV	With camera, 1 button
i10SD	No camera, 2 button

## Panel



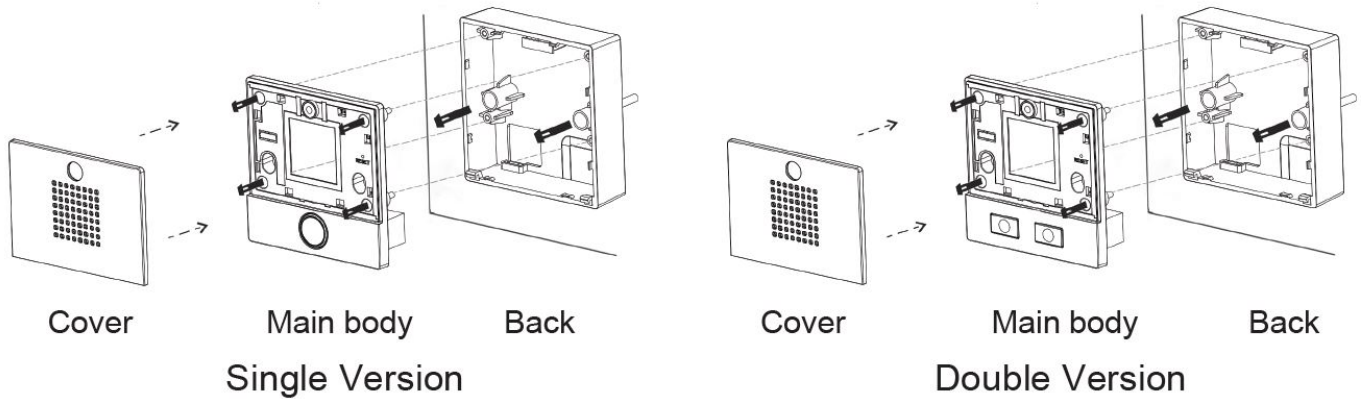
## Interface description

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



Serial number	Description
①	<p>Ethernet interface: standard</p> <p>RJ45 interface, 10/100M adaptive, it is recommended to use five or five types of network cable</p>
②	<p>Power interface: 12V/1A input</p>
③	<p>A set of short-circuit output interfaces</p>
④	<p>A set of short-circuit input interfaces</p>

## Installation Diagram



### Installation of rubber plug:


- 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.
- 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.
- Remove the cover;
- Use a screwdriver to remove the 4 screws on the main body to separate the main body from the rear case;
- 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;
- Fix the housing
- 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;
- 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;
- Connect power, network and control cables, and the test whether there is electricity by doing the following:
- Long press DSS key for 3 seconds(after power-on for 30 seconds), and when the speaker beeps rapidly, press DSS key again quickly, the beeps stop ,the intercom will report the IP address by itself.
- If the work is normal, continue with the next steps.
- Lock the 4 screws removed in step 3;
- 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


  
Refresh

#### Method 2:

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

#### Method 3:

In addition, 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.

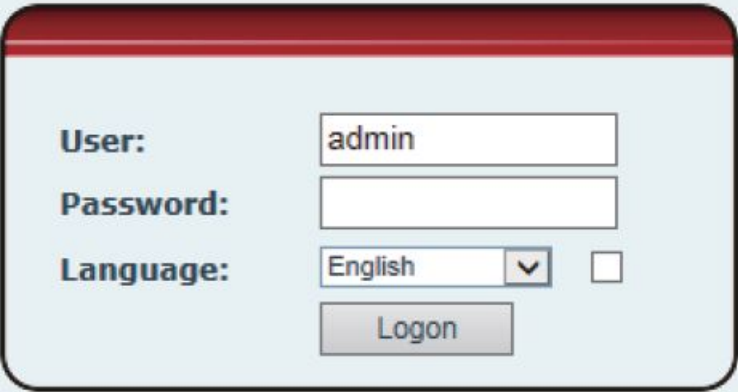
- If it is in the mode of DHCP and doesn't receive the IP address, switch it to the mode of static IP (192.168.1.128), broadcast the IP address after the successful switch.
- If it is in the mode of static IP address (192.168.1.128), switch it to the DHCP mode, broadcast the IP address after the successful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

Default Setting			
Default DHCP Client	Enabled by default	Static IP addresses	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.



A login form with a red header bar. It contains three input fields: 'User:' with 'admin' entered, 'Password:' which is empty, and 'Language:' with a dropdown menu showing 'English'. There is a 'Logon' button below the language field.

### Step 2: Set SIP account

Set 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.



A screenshot of the SIP settings page. The left sidebar has a red background with white text for navigation: System, Network, Line (selected), Intercom settings, Call List, Function Key, Security, and Device Log. The main area has a red header with tabs: SIP, SIP Hotspot, and Basic Settings. Below the header, there's a 'SIP Line' dropdown set to '8207@SIP'. Under 'Register Settings >>', there are fields for Line Status, SIP User (8207), Display Name (8207), and Realm. To the right, there's an 'Activate' checkbox (checked), 'Authentication User' (8207), 'Authentication Password' (masked with dots), and 'Server Name'. Below this, there are two columns for 'SIP Server 1' and 'SIP Server 2'. Each column has fields for Server Address, Server Port, Transport Protocol (UDP), and Registration Expiration (3600 seconds). At the bottom, there are fields for Proxy Server Address, Proxy Server Port, Proxy User, Backup Proxy Server Address, and Backup Proxy Server Port.

**Step 3: Set the volume** (if not connected can skip) Intercom settings => Media Settings => Media Settings Set the device volume size, as shown below, click [Apply].

**Speakerphone volume setting:** set the speaker volume of normal calls.

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



System

Network

Line

Intercom settings

Call List

Function Key

Security

Device Log

Features

Media Settings

Camera Settings

MCAST

Action

Time/Date

Time Plan

Tone

CODECS SETTINGS >>

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)

Handset Mic Gain:

3

(1~9)

Headset Mic Gain:

3

(1~9)

Handfree 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:

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, 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.

#### Documents / Resources

	<p><a href="#">Fanvil i10S SIP Mini Intercom</a> [pdf] Installation Guide i10S, i10SV, i10SD, i10S SIP Mini Intercom, SIP Mini Intercom</p>
	<p><a href="#">Fanvil i10S SIP Mini Intercom</a> [pdf] Instructions i10S, i10SV, i10SD, i10S SIP Mini Intercom, i10S, SIP Mini Intercom, Mini Intercom, Intercom</p>
	<p><a href="#">Fanvil i10S SIP Mini Intercom</a> [pdf] Owner's Manual i10S, i10SV, i10SD, i10S SIP Mini Intercom, SIP Mini Intercom, Mini Intercom, Intercom</p>

References

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