

# i10S/i10SV/i10SD

## SIP Mini Intercom

### Quick Installation Guide



i10S

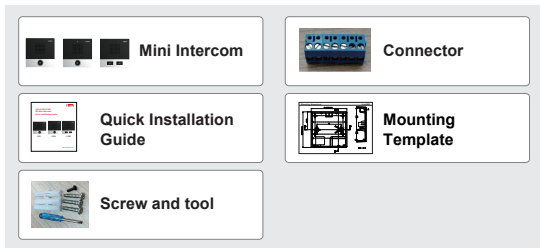


i10SV



i10SD

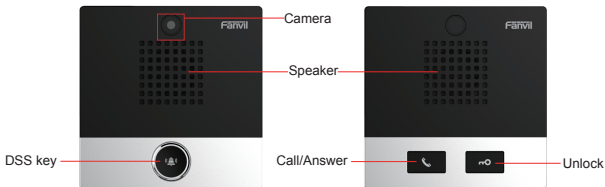
## 1. Package Contents



## 2. Physical specification

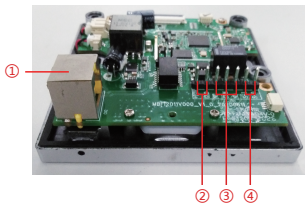
Device size	88 x 88 x 32 mm
i10S	No camera, 1 button
i10SV	With camera, 1 button
i10SD	No camera, 2 button

### 1) Panel



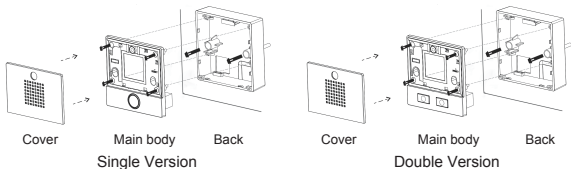
## 2) Interface description

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	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

## 3. 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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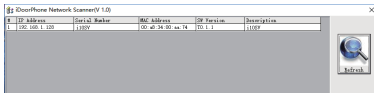
- b) Remove the cover;
- c) Use a screwdriver to remove the 4 screws on the main body to separate the main body from the rear case;
- d) Pass all the wires through the hole in the lower right corner of the bottom case. All lines must be reserved for a length of 15~20CM;
- e) Fix the housing
  - a) Wall 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 power, network and control cables, and the test whether there is electricity by doing the following:
  - a) 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.
  - 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;

## 4. Searching device

### Methods 1:

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

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



### 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.

a. 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.

b. 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.

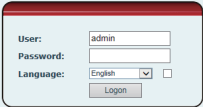
c. If it is in the mode of DHCP and obtain the IP address, the mode will not be switched and directly broadcast the IP.

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

## 5. 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.

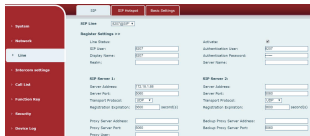


The image shows a login form with the following elements:

- User:** A text input field containing the text "admin".
- Password:** A text input field that is currently empty.
- Language:** A dropdown menu showing "English" and a small square checkbox to its right.
- Logon:** A button located below the language selection.

## 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.



The screenshot shows the SIP configuration page with the following fields:

- SIP Line:** 0000000000
- Registrar Settings >>>**
  - Line Status:
  - SIP User: 0000
  - Display Name: 0000
  - AuthN:
  - SIP Server 1: 192.168.1.100
  - SIP Server 2: [empty]
  - Service Address: [empty]
  - Service Port: 5060
  - Transport Protocol: UDP
  - Registrar Expiration: 3600 (seconds)
  - Proxy Server Address: [empty]
  - Proxy Server Port: 5060
  - Proxy User: [empty]
- AuthN:** 0000
- Authentication User:** 0000
- Authentication Password:** [empty]
- Service Name:** [empty]
- Service Address:** [empty]
- Service Port:** 5060
- Transport Protocol:** UDP
- Registrar Expiration:** 3600 (seconds)
- Backup Proxy Server Address:** [empty]
- Backup Proxy Server Port:** 5060

## 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.



The screenshot shows the Media Settings configuration page with the following fields:

- Media Settings >>>**
  - Handset Volume: 5 [1-6]
  - Speakerphone Volume: 7 [1-6]
  - Speakerphone Ring Volume: 5 [1-6]
  - DTMF Ringback Tone: 321 [006-127]
  - Handset Mic Gain: 0 [1-6]
  - ORUS Ringback Tone: 320 [006-127]
  - ELC Ringback Tone: 32 [006-127]
  - Enable VAD:
  - Enable Line in:
  - Enable Line out:
- Default Ring Tone:** [1-6]
- Handset Mic Gain:** 0 [1-6]
- ORUS Ringback Tone:** 320 [006-127]
- ELC Ringback Tone:** 32 [006-127]
- RTP Control Protocol(RTCP) Settings >>>**
  - RTP Settings >>>

**NOTE**

**Descriptions**

Media settings, you can set the voice coding schemes, ringback tone to etc.

#### 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 settings.

**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

The screenshot shows the 'Advanced' settings page for 'Soft DSS Key Settings'. On the left is a navigation menu with options: System, Network, Line, Interface settings, Phonebook, Function Key (selected), Security, Device Log, and Security settings. The main content area has a sub-header 'Soft DSS Key Settings' and a table with columns: Key, Type, Name, Value, Value2, Subtype, Line, and Mode. There are three rows for Key 1, Key 2, and Key 3. Each row has input fields for Name, Value, and Value2, and dropdown menus for Subtype, Line, and Mode. An 'Apply' button is located below the table.

Key	Type	Name	Value	Value2	Subtype	Line	Mode
DSS Key 1	Memory Key	0124	0124		Speed Dial	Line1@GIP1	DEFAULT
DSS Key 2	None				None	AUTO	DEFAULT
DSS Key 3	None				None	AUTO	DEFAULT

#### Step 5: Set the security function

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

The screenshot shows the 'Security Settings' page. On the left is a navigation menu with options: System, Network, Line, Interface settings, Phonebook, Function Key, Security (selected), Device Log, and Security settings. The main content area has a sub-header 'Risk-Settings' and includes: 'Ringtone Duration' (input field), 'Input & Tamper Server Address' (input field), and 'Message Alarm\_Info Description=0100/GIP User=0345/Plan=01/No=001/Service=93.0/9.172.18.90.34/port=Input'. Below this is an 'Apply' button. The 'Input Settings >>' section has three dropdown menus for 'Triggered by DTMF RingTone', 'Triggered by LRG Ringtone', and 'Triggered by IRIG Ringtone', all set to '2 line'. The 'Output Settings >>' section has several options: 'Output' (checkbox), 'Standard Status' (dropdown set to 'Low Level(Voicemail)'), 'Output Duration' (input field), 'DTMF Trigger Mode' (checkbox checked, 'Trigger by DTMF'), 'DTMF Repeat Code' (input field), 'Repeat By' (dropdown set to 'On Duration'), 'Trigger Message' (input field), and 'Repeat Message' (input field).