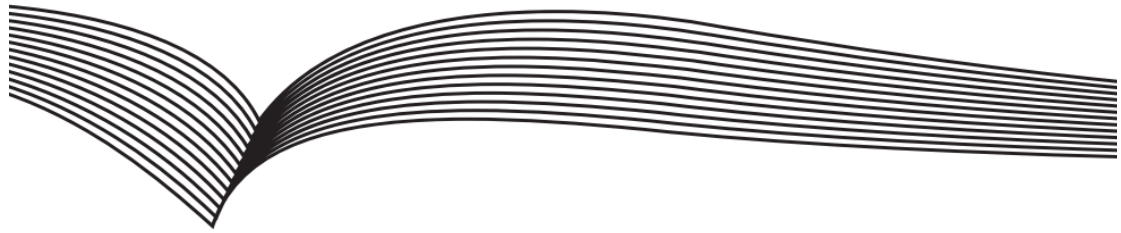


iW-SA30

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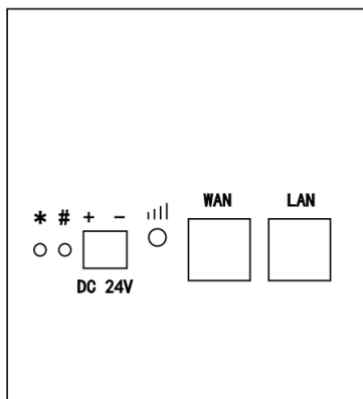








SIP Speaker Quick Installation Guide



Interface Explanation

Interface Diagram



| Port | Description | Feature | Picture |
|---|------------------------|--|---|
| DC 24V | DC Power Input port | Input Range:+12~+24V DC (Notice: Plus-n-Minus connection of the Power) |  DC 24V |
| WAN | WAN port | 10M/100M Adaptive Ethernet port, connected to the network |  |
| LAN | LAN Port | 10M/100M Adaptive Ethernet port, connected to the computer(which can be configured to routing mode, or to bridge mode) |  |
|  | The Network Light | 1, The network get through , and the light put out 2, The network can not get through , and the light blink fast within 0.5s 3, The network get through but registration fail , and the light blink slowly with 1s |  |
| * # | Audio Output Interface | 1 , Long click "#" for more than 3s , and then IP Address will be announced by this device 2, Click "#**#*#" , this device will automatically restart and reset to defaults |  |

SIP Speaker Configuration

Step One: Connect to the network

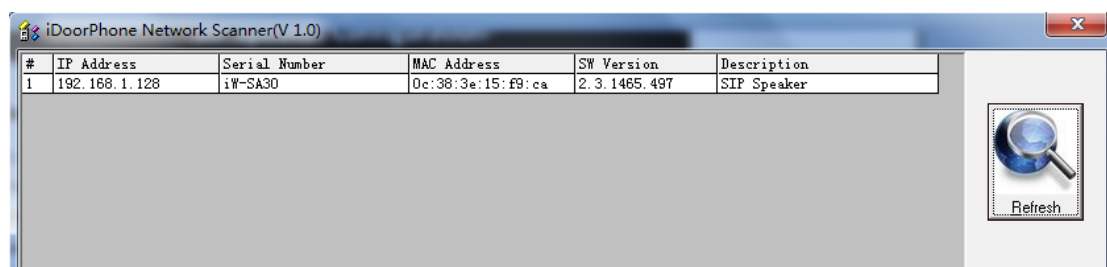
Connect the end of network cable to the device WAN port, another end is connected to the LAN port of the router, then the hardware connection is completed. Normally, you should set your network to DHCP mode.



Step Two: Get the device IP Address:

Methods:

1. Use the default IP scanner tool to get it: Network Scanner
 - 1) Install the scanner tool: Network Scanner;
 - 2) Ensure the working computer (installing IP scanner tool, exe.) is in the same local network with the corresponding device;
 - 3) Run the tool (Network Scanner.exe), to search the IP address of corresponding device within the network.

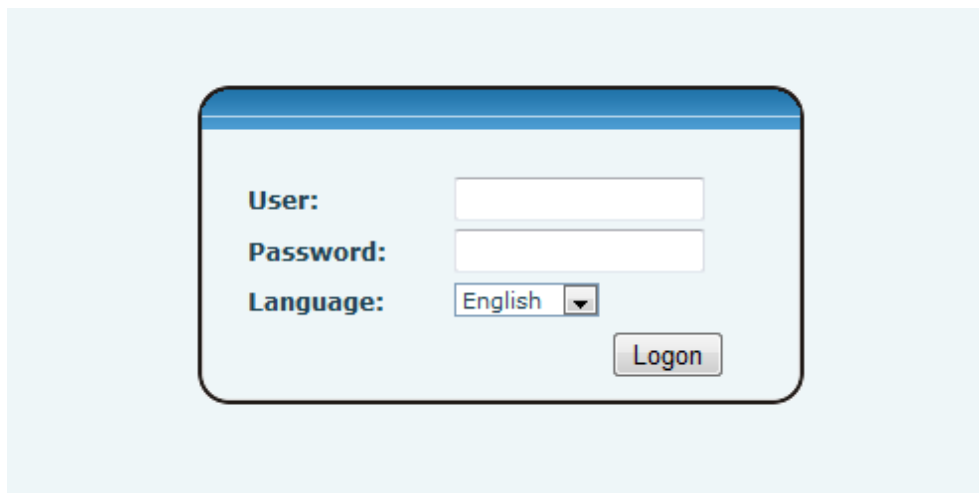


Method 2: Long Press “#”key for 3 seconds, the intercom will report the IP numbers by itself.

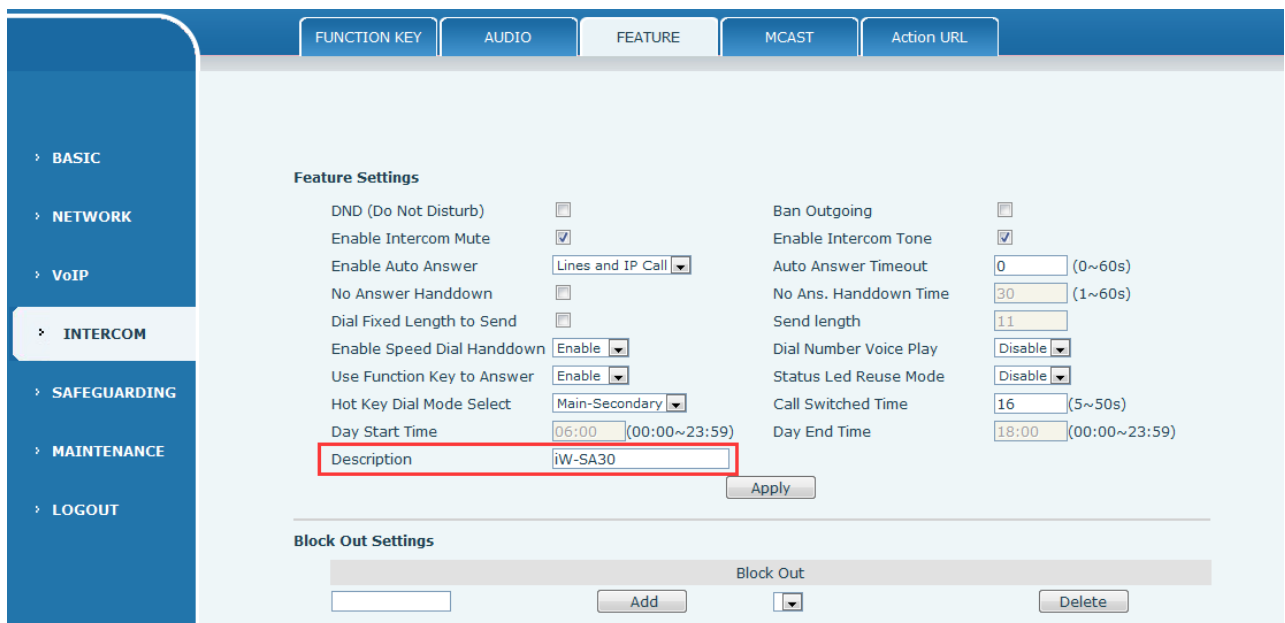
SIP Speaker Configuration

Step Three: Log in the WEB admin interface of the device

Input IP address (e.g.: <http://192.168.1.128>) the Web browser, the default user name: admin, password: admin.



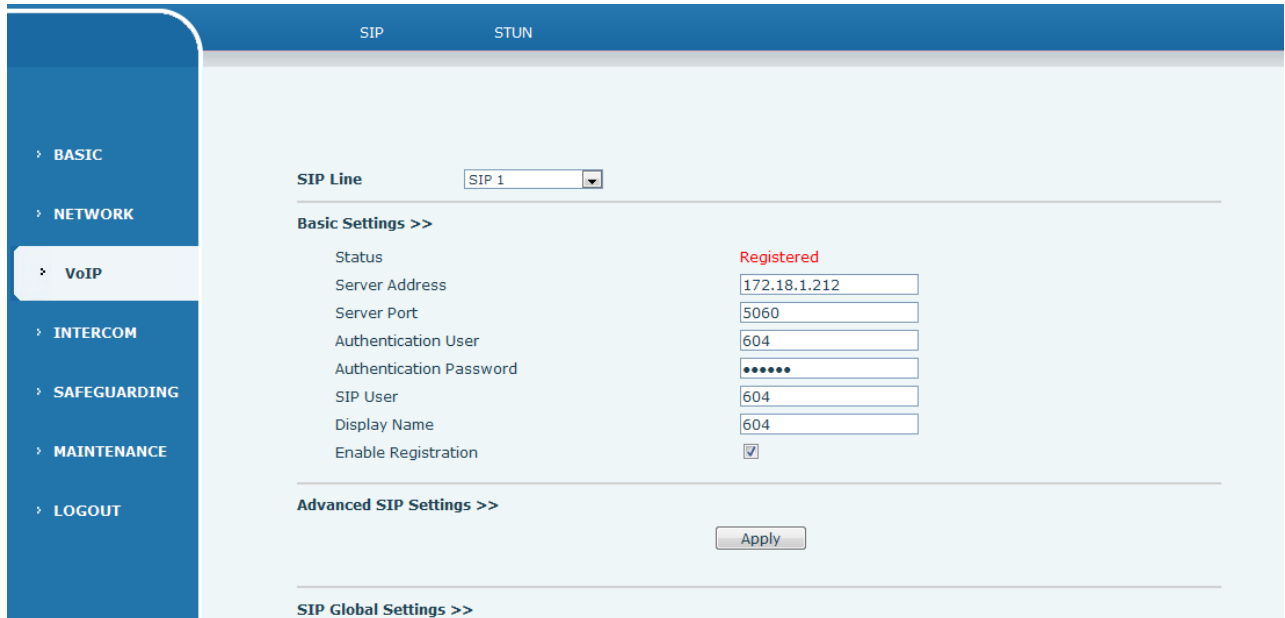
Step Four: Modify the device description



| FUNCTION KEY | AUDIO | FEATURE | MCAST | Action URL |
|--------------------------------------|-------------------------------------|---------------------------------------|-------------------------------------|---------------|
| Feature Settings | | | | |
| DND (Do Not Disturb) | <input type="checkbox"/> | Ban Outgoing | <input type="checkbox"/> | |
| Enable Intercom Mute | <input checked="" type="checkbox"/> | Enable Intercom Tone | <input checked="" type="checkbox"/> | |
| Enable Auto Answer | Lines and IP Call | Auto Answer Timeout | 0 | (0~60s) |
| No Answer Handdown | <input type="checkbox"/> | No Ans. Handdown Time | 30 | (1~60s) |
| Dial Fixed Length to Send | <input type="checkbox"/> | Send length | 11 | |
| Enable Speed Dial Handdown | Enable | Dial Number Voice Play | Disable | |
| Use Function Key to Answer | Enable | Status Led Reuse Mode | Disable | |
| Hot Key Dial Mode Select | Main-Secondary | Call Switched Time | 16 | (5~50s) |
| Day Start Time | 06:00 | Day End Time | 18:00 | (00:00~23:59) |
| Description | iW-SA30 | | | |
| <input type="button" value="Apply"/> | | | | |
| Block Out Settings | | | | |
| Block Out | | | | |
| <input type="text"/> | <input type="button" value="Add"/> | <input type="button" value="Delete"/> | | |

SIP Speaker Configuration

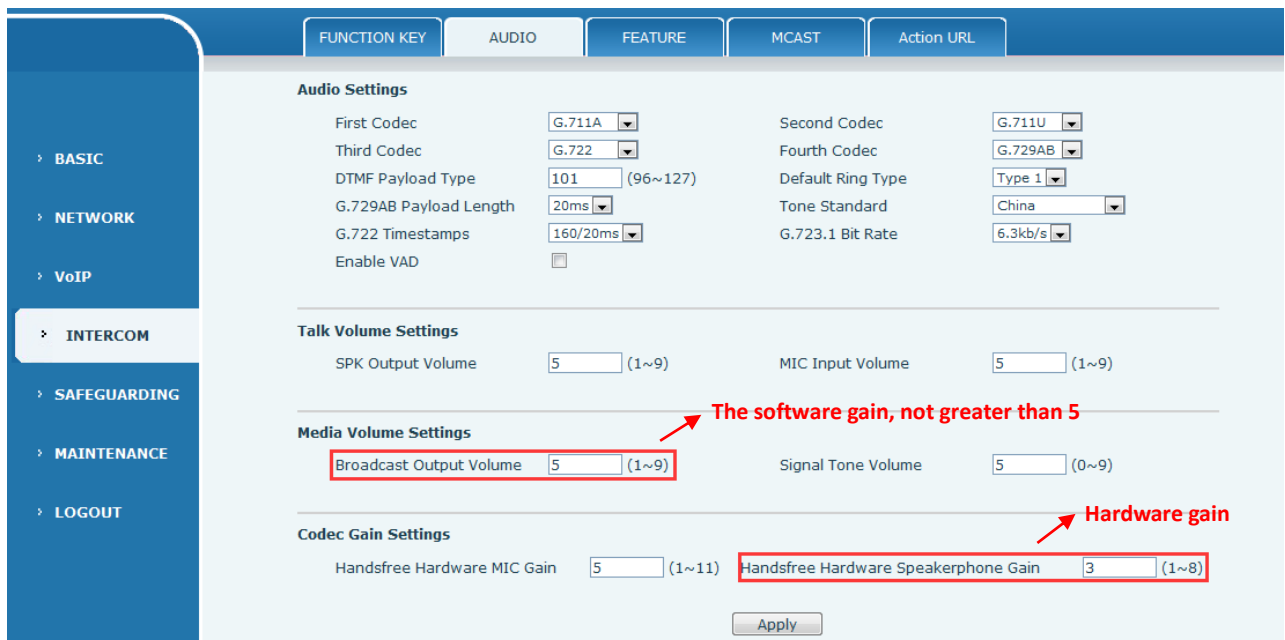
Step Five: Add SIP account



The screenshot shows the SIP Line configuration page. The left sidebar contains navigation options: BASIC, NETWORK, VoIP (selected), INTERCOM, SAFEGUARDING, MAINTENANCE, and LOGOUT. The main content area is titled 'SIP Line' and shows 'SIP 1' selected in a dropdown menu. Below this, there are sections for 'Basic Settings >>' and 'Advanced SIP Settings >>'. The 'Basic Settings' section includes fields for Status (Registered), Server Address (172.18.1.212), Server Port (5060), Authentication User (604), Authentication Password (masked with dots), SIP User (604), Display Name (604), and Enable Registration (checked). An 'Apply' button is located below the 'Advanced SIP Settings' section. At the bottom, there is a link for 'SIP Global Settings >>'.

Step Six: The Volume adjustment

Method one: through the WEB can adjust the size of the volume, mainly is two, < **Broadcast Output Volume** > and < **Handsfree Hardware Speakerphone Gain** > below.



The screenshot shows the Audio Settings page. The left sidebar contains navigation options: BASIC, NETWORK, VoIP, INTERCOM (selected), SAFEGUARDING, MAINTENANCE, and LOGOUT. The main content area is titled 'Audio Settings' and includes sections for 'Audio Settings', 'Talk Volume Settings', 'Media Volume Settings', and 'Codec Gain Settings'. The 'Audio Settings' section includes fields for First Codec (G.711A), Second Codec (G.711U), Third Codec (G.722), Fourth Codec (G.729AB), DTMF Payload Type (101), Default Ring Type (Type 1), G.729AB Payload Length (20ms), Tone Standard (China), G.722 Timestamps (160/20ms), and G.723.1 Bit Rate (6.3kb/s). The 'Talk Volume Settings' section includes SPK Output Volume (5) and MIC Input Volume (5). The 'Media Volume Settings' section includes Broadcast Output Volume (5) and Signal Tone Volume (5). The 'Codec Gain Settings' section includes Handsfree Hardware MIC Gain (5) and Handsfree Hardware Speakerphone Gain (3). Red arrows point to the Broadcast Output Volume field with the text 'The software gain, not greater than 5' and to the Handsfree Hardware Speakerphone Gain field with the text 'Hardware gain'. An 'Apply' button is located at the bottom.