



OpenVox Communication Co., Ltd.



VS-GWM501V

Audio Gateway Board User's Manual

Data version: R1.2.0

Product Version: R1.2.0

Announcement:

This manual is intended as an operating guide for the user only.

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1 Introduction to the device panel

1.1 Chassis Schematic

Module for Chassis VS-GW1202/1600/2120 Series



Figure 1-1-1 Front View

1.2 Board Schematic



Figure 1-2-1 VS-GWM501V Board Schematic Diagram

As shown in Figure 1-2-1, the meaning of each mark is as follows

- 1) Indicator lights: there are three indicator lights from left to right: fault light E, power light P, running light R; equipment after normal operation of the power light is always green, running indicator light is green flash, fault light to retain the temporary useless.
- 2) reset key: Press and hold for more than 10 seconds to reset the temporary IP address 10.20.30.1, and reset the original IP address after power off and reboot.
- 3) V1 is the first audio channel, red is OUT for audio output, white is IN for audio input. v2 is the second channel.
- 4) The W interface is defined as shown in Figure 1-2-2

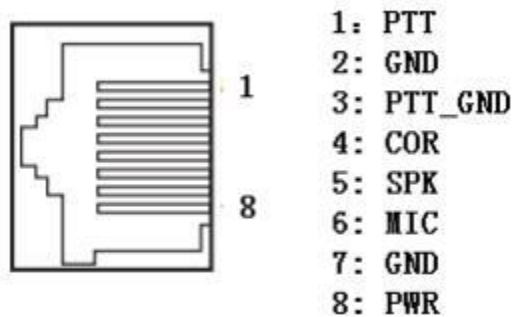


Figure 1-2-2 Interface Definition

2 Login

Login to the gateway webpage: Open IE and type http://IP, (172.16.80.X (X is the slot number of the chassis; If it is slot 3 of UCP1600, the IP address is 172.16.80.3.)), enter the login interface shown in Figure 1-1-1 below. Initial **user name: admin**, **password: 1**

Long press reset for more than 10 seconds to restore temporary IP address 10.20.30.1, and restore original IP after power off and reboot.

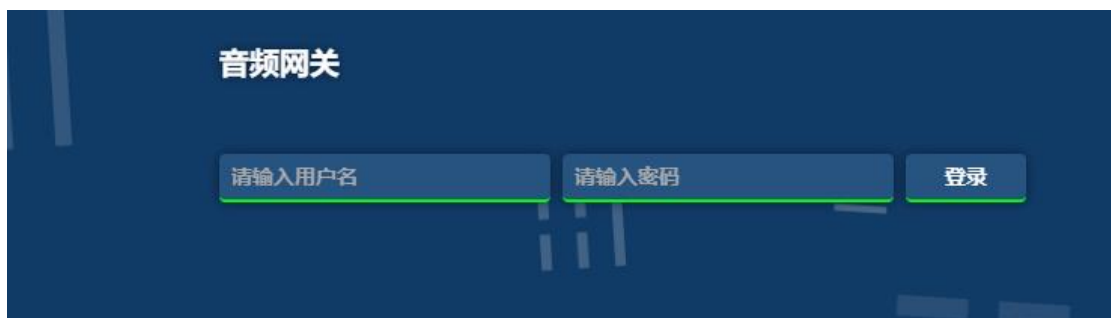


Figure 2-1-1 Gateway Login Interface

3 Operational state

3.1 Registration Status and Line Status

In [Registration Status], you can view the user registration status and line status information, turn on the Auto Refresh button to see the real-time status, as shown in Figure 3-1-1:



Figure 3-1-1

3.2 Network and version information

In [Network Information] and [Version Information], you can view the corresponding status information, as shown in Figure 7-2-1:

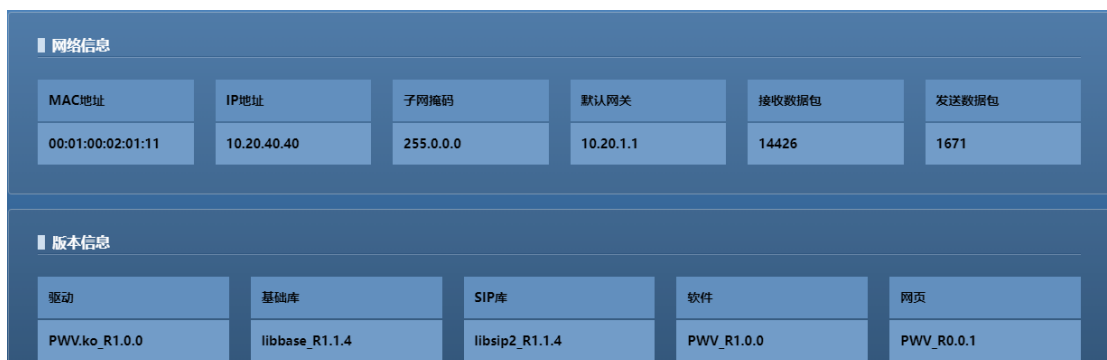


Figure 3-2-1

4 Network Information Configuration

4.1 Modifying local static IPs and configuring SIP servers

In [Basic Settings/Network Settings], you can modify the static network address of the gateway, note that you need to open the Edit button to modify it, and the SIP server can set the IP address, port, etc. of the primary and backup servers for the registration service and the primary and backup registration methods, as shown in Figure 4-1-1.



Figure 4-1-1



clarification

Currently, the gateway IP acquisition method only supports static, and after modifying the network address information, you need to reboot the device to take effect.

4.2 Modify user number

The user number, registration period, hotline number, etc. of the gateway can be modified in [Basic Settings/Channel Settings], as shown in Figure 4-2-1:

The screenshot shows the '通道设置' (Channel Settings) table. It has columns for '通道编号' (Channel Number), '用户名' (Username), '认证ID' (Authentication ID), '注册密码' (Registration Password), '注册有效期/秒' (Registration Validity Period/Seconds), '热线号码' (Hotline Number), and '载波电平' (Carrier Level). There are '批量' (Batch) and '编辑' (Edit) buttons at the top right.

通道编号	用户名	认证ID	注册密码	注册有效期/秒	热线号码	载波电平
0	7001	7001	1	60	7008	低电平
1	7002	7002	1	60		高电平

Figure 4-2-1

Click "Edit" to modify the user number information, as shown in Figure 4-2-1:

Channel number: 0, 1

Subscriber number: The telephone number corresponding to the line.

Authentication ID, registration password, registration period: the account number, password and the interval between each registration used when registering with the platform.

Hotline number: not valid in the audio gateway

Carrier Level: Invalid in Audio Gateway

5 Advanced Settings

5.1 Call Settings and Gain Media Settings

In [Advanced Settings], first turn off the PTT mode switch as shown in Figure 5-1-1:



Figure 5-1-1

In [Gain and Media Configuration], you can configure the user's gain type, gateway to radio gain is one level to five levels, the default five levels maximum. Radio to Gateway using the default value cannot be configured, media support G.711A/U, as shown in Figure 5-1-1:

PTT Mode: PTT mode on for trunking, off for audio, **audio gateway configured for PTT mode off**

Call and SIP settings:

Maximum time without voice packs: 300 seconds without voice packs (mute packs are also considered voice packs) will automatically release the timer.

No voice packet processing for a long time: release the call and do not process two ways, release the call to protect abnormal release the call with the

Busy tone duration: Default 0, hang up and release release

Initiate RPORT: This function is for network penetration purposes when registering to the public network.

6 Device Operation

6.1 Reboot, factory, firmware, packet capture and data file operations

In [Device Operation], as shown in Figure 6-1-1:



Figure 6-1-1

Reboot operation: soft reboot the device.

Factory Operation: Restore the factory settings of the device.

Firmware operation: local upgrade, online firmware retention is useless for now.

Packet grabbing operation: You can set the time for grabbing packets, and then it must be stopped automatically before you can download it.

Data file operations: You can import and export database files.

6.2 Logging and logging operations

As shown in Figure 6-2-1:

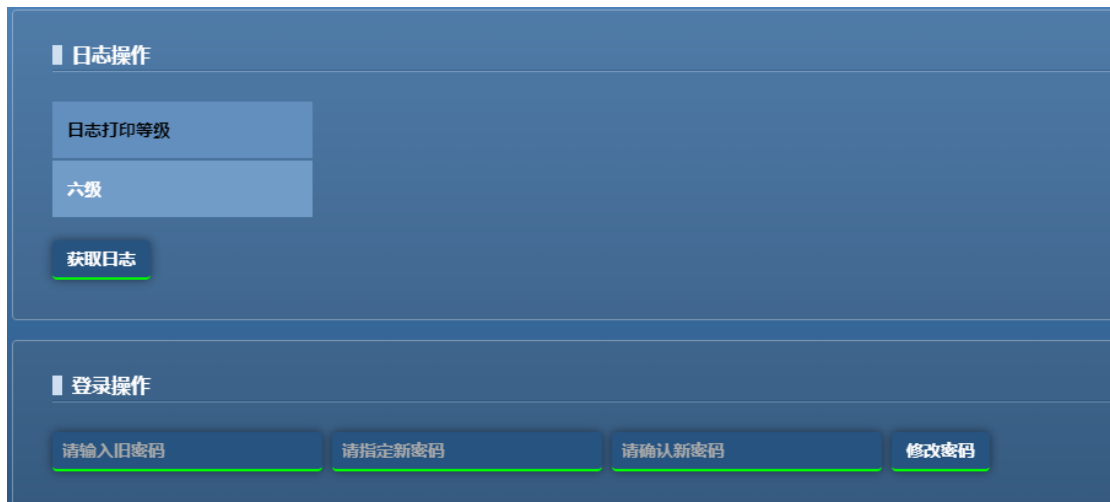


Figure 6-2-1

Log operation: the higher the level the more detailed the print

6.3 personalized operation

As shown in Figure 6-3-1:



Personalized Device: You can change the name of the gateway in the upper left corner, such as "Wireless Trunk Gateway" in the picture.

Language display: can switch between Chinese and English

Color scheme: you can switch the skin color

The