

## OpenVox VS-GW1600/2120 V2 Series Analog Gateway

### Overview

VS-GW1600 V2 Wireless Gateway, an upgrade product of the VS-GW1600 Series, is an open source asterisk-based Analog VoIP Gateway solution for SMEs. There are three models allows OpenVox VS-GW1600/2120 V2 Analog Gateway to support Analog connection to the VoIP devices, the VS-GWM820-O, VS-GWM820-S and VS-GWM820-O/S. Each module offers 8 analog FXS/FXO channels. The Analog Gateways use standard SIP protocol with a wide selection of codecs including G.711A, G.711U, G.729, G.722, G.723, iLBC and compatible with Leading VoIP platforms, IPPBX and SIP servers. Such as Asterisk, Elastix, 3CX, FreeSWITCH ,Broadsoft and VOS VoIP operating platform.

### Performance and Features

- 4 cores Intel CPU inside, Incredible Performance
- Modular Design, Easy to Expanding
- High Density Gateway, up to 40/88 FXS/FXO Ports
- Full Load of Concurrency with Efficient EC Enabled
- Fully Compatible with Leading SIP based VoIP Telephony System

### System Features

- NTP time synchronization and client time synchronization
- Update firmware online, backup/restore configuration file
- Abundant Log Info, Automatically Reboot, Call status display
- Language selection (Chinese/English)

### Telephony Features

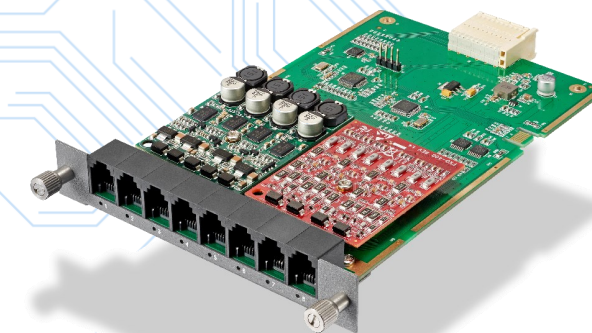
- Support Volume adjustment, Gain adjustment, call transfer, call hold, call waiting, call forward, Caller ID display, open API interface (AMI), call waiting, call forward, Caller ID display
- Three way calling, Call transfer, Dial-up matching table
- Support T.38 fax relay and T.30 fax transparent, FSK and DTMF signaling
- Support Ring cadence and frequency setting, WMI (Message Waiting Indicator)
- Support Echo cancellation, Jitter buffer
- Support customizable DISA、IVR and other applications

### SIP Features

- Support add, modify & delete SIP Accounts ,batch add, modify & delete SIP Accounts
- Support multiple SIP registrations : Anonymous, Endpoint registers with this gateway, This gateway registers with the endpoint
- SIP accounts can be registered to multiple servers

### Network

- Network type: Static IP, Dynamic
- Support DDNS, DNS, DHCP, DTMF relay, NAT
- Telnet, HTTP, HTTPS, SSH
- VPN client
- Network Toolbox.



## Specifications

	Complete Appliance		Interface Modules			
Product Name	VS-GW1600 (V2)	VS-GW2120 (V2)	VS-GWM820-O	VS-GWM820-S	VS-GWM820-O/S	VS-GWM820 Control Board
<b>Interfaces</b>						
FXS/FXO Ports	16/24/32/40	48/56/64/72/80/88	8 FXO ports	8 FXS ports	4 FXO ports and 4 FXS ports	-
Lan port	2		-			2
USB	1 (Supports USB storage)		-			1 (Supports USB storage)
TF	1 (Support TF Card storage)		-			1 (Support TF Card storage)
Console	1		-			1
<b>General Info</b>						
Weight	3310g(without modules)	5710g(without modules)	150g	140g	145g	190g
Dimension	44cm × 4.5cm × 30cm	48.3cm × 33.1cm × 8.8cm	13cm*2.1cm*20cm			
Max Power Consumption	60w		3W	12W	6W	7W
Power Supply	100-240V/1-2A		-			
Operation Temperature	0°C ~ 40°C					
Operation Humidity Range	10% ~ 90%					
Storage Temperature Range	-20°C ~ 70°C					

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