



OpenVox VS-GWM401 Series Wireless Gateway Module

Overview

OpenVox VS-GWM401 Series Wireless Gateway Module allows OpenVox wireless VS-GW1202/1600/2120 series gateways to support GSM/WCDMA/LTE connection to the VoIP devices, each module offers 4 2G/3G/4G channels.

They can bring you excellent HD voice service with multiple codecs, including G.711U, G.711A, GSM, G.722, G.726, G.729, and also flexible SMS service with multiple SMS API. The VS-GWM401 Series Wireless Gateway Module is perfect compatible with Asterisk, 3CX, FreePBX, FreeSWITCH SIP server and VOS VoIP system platform. It can provides users with more diverse telecommunications access methods and helps users reduce communication costs.

Features

VoIP Characters

- Support SIP/IAX2 Protocol
- DTMF Mode: RFC2833/Inband/SIP Info
- SIP V2.0 RFC3261 Compliance
- Abundant Codecs:G.711A, G.711U, G.729, G.722, G.726, GSM
- Work as both SIP Client and Server mode

Network

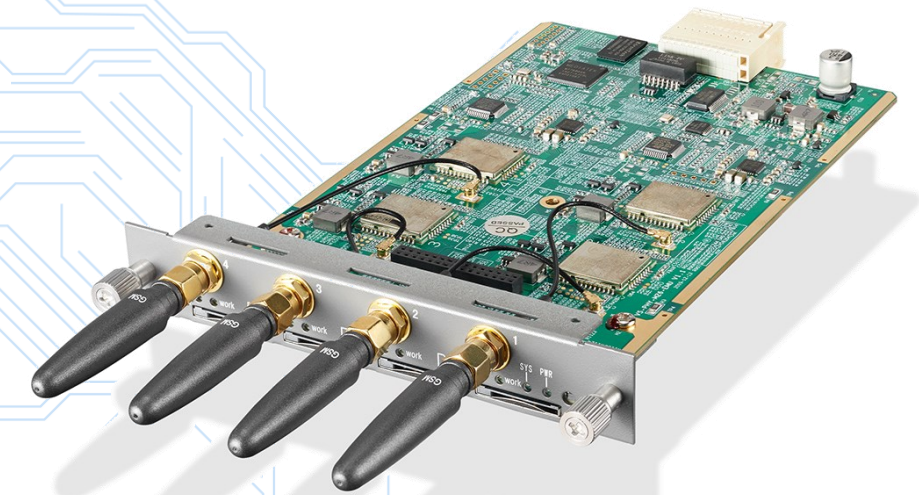
- IPv4, UDP/TCP, ARP, DHCP, NTP, DNS, HTTP/HTTPS, SSH
- PPTP VPN
- Ping & Traceroute
- Firewall

Management

- Friendly GUI and easy configuration
- WEB/SSH Access and Management
- Support configuration files backup and restore
- Support multiple languages
- Firmware Update by Web
- CDR
- Detailed Log
- Network and SIP capture

System Features

- SIP/IAX2/Wireless Group Settings
- Random call interval
- Call Duration Limitation
- Open API Protocol (based on Asterisk)
- Two-stage dialing
- Multiple SMS API
- SMS/USSD
- PIN Identification
- SMS Bulk Transceiver and Auto Resend
- SMS to Email
- SMS Forwarding and Quick Reply
- SMS Remotely Controlling Gateway
- Flexible Call Routings
- Schedule Reboot
- Support MMP
- Support for Custom Scripts, Dialplans
- Support OpenVox Cloud Service
- CLID Display & Hide (Need operators' support)



Specifications

OpenVox VS-GWM401 Series Wireless Gateway Module

Product Name	VS-GWM401G	VS-GWM401W	VS-GWM401L		
Module Type	GSM	WCDMA	LTE		
Module Number	4				
Channel Number	4				
Band	GSM: 850/900/1800/1900MHz	VS-GWM401W-E Europe 900/2100MHz @UMTS 900/1800MHz @GSM VS-GWM401W-A America 850/1900MHz @UMTS 850/900/1800/1900MHz @GSM VS-GWM401W-T Thailand 850/2100MHz @UMTS 850/900/1800/1900MHz @GSM	VS-GWM401L-CE China/India LTE FDD: B1/B3/B5/B8 LTE TDD: B38/B38/B40/B41 WCDMA: B1/B8 TD-SCDMA: B34/B39 CDMA: BC0 GSM: 900/1800MHz	VS-GWM401L-E EMEA/Korea/ Thailand LTE FDD: B1/B3/B5/B7/B8/B20 LTE TDD: B38/B40/B41 WCDMA: B1/B5/B8 GSM: B3/B8	VS-GWM401L-AU Australia/ New Zealand/Taiwan/Brazil LTE FDD: B1/B2/B3/B4/B5/B7/B8/B28 LTE TDD: B40 WCDMA: B1/B2/B5/B8 GSM: B2/B3/B5/B8
Power	28W				
Weight (without antenna)	164g				
Dimension (without antenna)	124mm*185mm*21mm				
SIM Card	Hot-Swap				
Operation Temperature	0°C ~ 40°C				
Operation Humidity Range	10% ~ 90%				
Storage Temperature Range	-20°C ~ 70°C				

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VS-GWM400/401/420 Series Wireless Gateway Modules			
Product Name	VS-GWM400	VS-GWM401	VS-GWM420
Switch Board			
Core Board	N	Compatible with V1&V2 Switch Board	Y (4-Core Intel)
Bus	Ethernet		Ethernet + USB
Reset	N		Y
Module Board			
CPU	Y		N
Bus	Ethernet		USB
Reset	Y		N
Function			
Cluster	Y	N	Switch Board control each Module Board
Firmware Update and Maintenance	Stop updating and maintenance	Function is basically the same, continuously updating versions and features	

The VS-GWM401 series is an upgraded version of the VS-GWM400 series, which is compatible with both V1 and V2 generation Switch Board and supports gateway modules mixing. Compared to the VS-GWM400, the VS-GWM401 no longer has clustering capabilities. With the upgraded CPU, the new VS-GWM401 series is even more powerful. Its system and functionality are broadly similar to the VS-GWM420 series'. The firmware for this branch will be updated and maintained on an ongoing basis.