



## OpenVox GWM420 Series Wireless Gateway Module

### Overview

OpenVox GWM420 Series Wireless Gateway Module include GWM420G/W/L, which allows OpenVox wireless VS-GW1200/1600/2120 series gateways to support GSM/WCDMA/LTE connection to the VoIP devices, each module offers 4 GSM/WCDMA/LTE channels.

They can bring you excellent HD voice service with multiple codecs, including G.711U, G.711A, GSM, G.722, G.723, G.726, G.729, and also flexible SMS service with multiple SMS API. The GWM420 Series Wireless Gateway Module will be 100% compatible with Asterisk, 3CX, FreePBX, FreeSWITCH and VOS VoIP operating platform, and help users reduce telecommunications and communication costs.

### 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.723, G.726, GSM
- Work as both SIP Client and Server mode

### Network

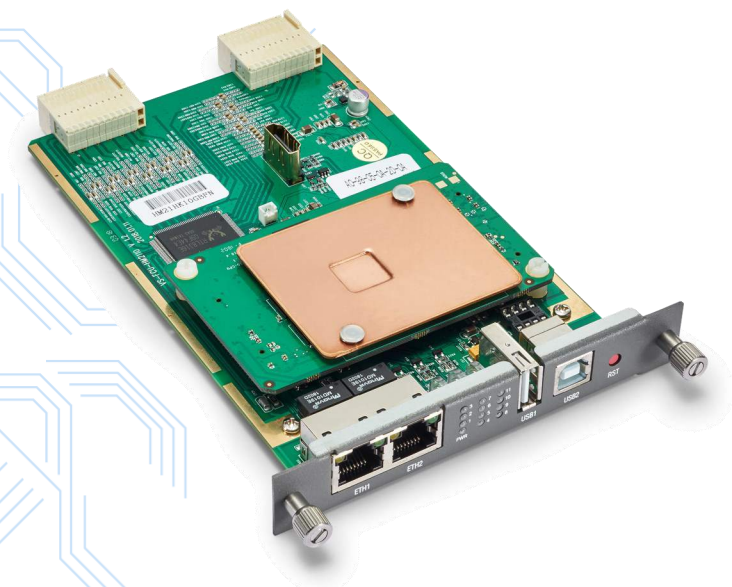
- IPv4, UDP/TCP, ARP, DHCP, NTP, DNS, HTTP/HTTPS, SSH
- PPTP VPN
- Ping & Traceroute
- Firewall

### 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

GWM420						
Product Name	GWM420G	GWM420W	GWM420L		GWM420 Control Board	
Module Type	GSM	WCDMA	LTE		-	
Channel Number	4				-	
Band	GSM: 850/900/1800/1900MHz	WCDMA: <b>VS-GWM420W-E Europe</b> 900/2100MHz @UMTS 900/1800MHz @GSM <b>VS-GWM420W-A America</b> 850/1900MHz @UMTS 850/900/1800/1900MHz @GSM <b>VS-GWM420W-T Thailand</b> 850/2100MHz @UMTS	<b>VS-GWM420L-CE R2.1 China/India</b> LTE FDD: B1/B3/B5/B8 LTE TDD: B38/B39/B40/B41 WCDMA: B1/B8 TD-SCDMA: B34/B39 CDMA: BCO GSM: 900/1800MHz	<b>VS-GWM420L-E Europe/Middle East/Africa/Korea/Thailand</b> LTE FDD: B1/B3/B5/B7/B8/B20 LTE TDD: B38/B40/B41 WCDMA: B1/B5/B8 GSM: B3/B8	<b>VS-GWM420L-AU Australia/New Zealand/Taiwan/Brazil</b> LTE FDD: B1/B2/B3/B4/B5/B7/B8/B28 LTE TDD: B40 WCDMA: B1/B2/B5/B8 GSM: B2/B3/B5/B8	-
Weight (without antenna)	162g	170g	178g		190g	
Dimension (without antenna)	220mm*200mm*120mm					
SIM Card	Hot-Swap				-	
LAN	-				1* 10/100M	
WAN	-				1* 10/100M	
USB	-				1 (Supports USB storage)	
Console	-				1	
Operation Temperature	0°C ~ 40°C					
Operation Humidity Range	10% ~ 90%					
Storage Temperature Range	-20°C ~ 70°C					

Address:10/F, Building 6-A, Baoneng Science and Technology Industrial Park, Longhua New District, Shenzhen, Guangdong,China 518109

Tel: [+86-755-66630978](tel:+86-755-66630978), [82535461](tel:+86-755-82535461), [82535362](tel:+86-755-82535362)

Business Contact: [sales@openvox.com.cn](mailto:sales@openvox.com.cn), Technical Support: [support@openvox.com.cn](mailto:support@openvox.com.cn) Website: [www.openvox.cn](http://www.openvox.cn)