



## OpenVox SWG-3016/32 Series Wireless Gateway

### Overview

OpenVox SWG-3016/32 series wireless gateways which can compatible with a series of modules(2G/ 3G/ 4G) , enabling interconnection between GSM / WCDMA /LTE network and VoIP network safely and efficiently. 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 SWG-3016/32 series gateways 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.

### Incredible Performance and Features

The SWG-3016/32 series gateway has incredible processing capacity. With the high security and performance, SWG-3016/32 series wireless gateways are specially designed to save space and maximize cost savings. It could be configured from 16 or 32 Ports of Wireless-to-IP transmission, and support a diversity of wireless networks in a single system. It also could match all brands of terminal mobile devices and a complete range of SIP trunking worldwide, support auto-provision in complex network environment. It is an excellent solution for the industry VoIP wireless gateway , which makes a variety of choices in the market for users who need a higher demanding wireless gateway.

### 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
- VPN Type: OpenVPN / PPTP VPN / N2N VPN / L2TP 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

### 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
- Support SMPP
- Flexible Call Routings
- Schedule Reboot
- Support MMP
- Support for Custom Scripts, Dialplans
- Support OpenVox Cloud Service
- CLID Display & Hide (Need operators' support )
- Support SNMP



## Specifications

SWG-3016 Series Wireless Gateway				
Product Name	SWG-3016G	SWG-3016W	SWG-3016L	
Module Type	GSM	WCDMA	LTE	
Module Number	16			
Channel Number	16			
Band	GSM: 850/900/1800/1900MHz	<p style="text-align: center;"><b>Europe</b> 900/2100MHz @UMTS 900/1800MHz @GSM</p> <p style="text-align: center;"><b>America</b> 850/1900MHz @UMTS 850/900/1800/1900MHz @GSM</p> <p style="text-align: center;"><b>Thailand</b> 850/2100MHz @UMTS 850/900/1800/1900MHz @GSM</p>	<p style="text-align: center;"><b>China/India</b> LTE FDD: B1/B3/B5/B8 LTE TDD: B38/B39/B40/B41 WCDMA: B1/B8 TD-SCDMA: B34/B39 CDMA: BC0 GSM: 900/1800MHz</p> <p style="text-align: center;"><b>Australia/New Zealand/Taiwan /Latin America</b> LTE FDD: B1/B2/B3/B4/B5/B7 /B8/B28 LTE TDD: B40 WCDMA: B1/B2/B4/B5/B8 GSM: B2/B3/B5/B8</p>	<p style="text-align: center;"><b>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</p> <p style="text-align: center;"><b>North America</b> LTE FDD: B2/B4/B5/B12/B13/ B14/B66/B71 WCDMA: B2/B4/B5</p>
Weight (with packaging)	2.84kg	2.84kg	3.44kg	
Power	25W			
Dimension (bare)	440mm*45mm*220mm			
Dimension (with packaging)	510mm*90mm*350mm			
SIM Card	Hot-Swap			
LAN	1* 10/100M			
WAN	1* 10/100M			
USB Micro-B	1 (Supports USB Micro-B storage)			
Console	1			
Operation Temperature	0°C ~ 45°C			
Operation Humidity Range	10% ~ 90%			
Storage Temperature Range	-20°C ~ 70°C			

## Specifications

SWG-3032 Series Wireless Gateway				
Product Name	SWG-3032G	SWG-3032W	SWG-3032L	
Module Type	GSM	WCDMA	LTE	
Module Number	32			
Channel Number	32			
Band	GSM: 850/900/1800/1900MHz	<b>Europe</b> 900/2100MHz @UMTS 900/1800MHz @GSM <b>America</b> 850/1900MHz @UMTS 850/900/1800/1900MHz @GSM <b>Thailand</b> 850/2100MHz @UMTS 850/900/1800/1900MHz @GSM	<b>China/India</b> LTE FDD: B1/B3/B5/B8 LTE TDD: B38/B39/B40/B41 WCDMA: B1/B8 TD-SCDMA: B34/B39 CDMA: BC0 GSM: 900/1800MHz <b>Australia/New Zealand/Taiwan</b> <b>/Latin America</b> LTE FDD: B1/B2/B3/B4/B5/B7 /B8/B28 LTE TDD: B40 WCDMA: B1/B2/B4/B5/B8 GSM: B2/B3/B5/B8	<b>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>North America</b> LTE FDD: B2/B4/B5/B12/B13/ B14/B66/B71 WCDMA: B2/B4/B5
Weight (with packaging)	3.8kg	3.8kg	4.4kg	
Power	36W			
Dimension (bare)	440mm*45mm*220mm			
Dimension (with packaging)	510mm*90mm*350mm			
SIM Card	Hot-Swap			
LAN	1* 10/100M			
WAN	1* 10/100M			
USB Micro-B	1 (Supports USB Micro-B storage)			
Console	1			
Operation Temperature	0°C ~ 45°C			
Operation Humidity Range	10% ~ 90%			
Storage Temperature Range	-20°C ~ 70°C			

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