



SWG-4016E/4032E Series Wireless Gateway

Overview

SWG-4016E/4032E Series Wireless Gateway which can be compatible with 4G module, 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.

ESIM series gateway support eSIM or physical SIM. There are two models with the eSIM series gateway. The SWG4016E Wireless Gateway can provide 16 physical SIM cards or 128 eSIMs. The SWG4032E Wireless Gateway can provide up to 32 physical SIM cards or 256 eSIMs. Physical SIM and eSIM can be switched on web. In eSIM mode, one channel can store 8 eSIMs' information and 8 eSIMs per port to work by strategy. In SIM mode, one channel can be inserted one SIM card.

With the unique design of the SWG-4016E/4032E Wireless Gateway, it can support hot-swap for SIM cards . The SWG-4016E/4032E series gateways is perfect compatible with Asterisk, Issabel,3CX, FreeSWITCH and VOS VoIP system platform. It can provides users with more diverse telecommunications access methods and helps users reduce communication costs.



System Features

- eSIM or physical SIM
- Random call interval
- Call Duration Limitation
- Call forwarding
- Call waiting
- Flexible Call Routings
- Two-stage dialing
- Call blacklist
- Support for Custom Scripts, Dialplans
- PIN Identification
- CLID Display & Hide (Need operators' support)
- Support SMPP/SNMP
- Support configuration files backup and restore
- Multiple SMS API (Get & POST)
- SMS/USSD
- SMS Bulk Transceiver and Auto Resend
- SMS to Email
- SMS Forwarding and Auto-Reply
- SMS Limitation
- SMS Remotely Controlling Gateway
- SMS Inbox
- SMS Outbox
- SIM card phone number query
- SIM card balance query

VoIP

Protocol:

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

Management

- Friendly GUI and easy configuration
- Cloud Service
- Maintenance and configuration via WEB/SSH
- Support to change WEB/SSH port
- Support configuration files backup and restore
- Support scheduled reboot
- Support multiple users
- Support multiple languages and custom languages
- Firmware Update by Web
- Schedule Reboot
- Support HTTPS certificate
- Support SNMP
- CDR
- Detailed Log

Network

- IPv4, UDP/TCP, ARP, DHCP, NTP, DNS, DDNS,HTTP/ HTTPS, SSH
- VPN Type : OpenVPN / PPTP VPN / N2N VPN / L2TP VPN
- Ping & Traceroute command on the WEB
- Capture network
- Static Route
- Simple Security Strategy: white list, black list, firewall security rules

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Product Name		SWG4016E	SWG4032E
Interfaces			
Number of physical SIM Ports		16	32
Number of eSIM Ports		128	256
4G Data		-	
4G LTE Band		Depending on the module type. Check the supported band. Module-CE/Module-E support eSIM Support for Module-A will be added in the future	
General Info			
Weight (with packaging)	LTE	3.44 kg	4.4 kg
Dimension (bare)		440mm*45mm*220mm	440mm*45mm*220mm
Dimension (with packaging)		510mm*90mm*350mm	510mm*90mm*350mm
Lan		1*10/100M	1*10/100M
wan		1*10/100M	1*10/100M
Console		1	1
Power		25W	48W
Operation Temperature		0°C ~ 45°C	
Operation Humidity Range		10% ~ 90% NON-CONDENSING	
Storage Temperature Range		-20°C ~ 70°C	



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