



VoxStack GSM Gateway

There are four models with VoxStack series of GSM Gateway, the WGW1002G, VS-GW1202, VS-GW1600 and VS-GW2120. There are 2 GSM channels in WGW1002G. The Modular Design GSM Gateways are ranging from 4 up to 44 GSM channels. It is designed for multiple frequency bands: 850/900/1800 /1900MHz.

VoxStack GSM gateway can support a wide selection of codecs, including G.711A, G.711U, G.729, G.722, G723, and G.726. For a reliable connecting GSM gateway to VoIP server, it can quickly reduce telecommunication expenses and maximize cost savings. With the unique design of the VoxStack Gateway, it can support hot-swap for both SIM cards and GSM gateway modules. Users can simply add or remove the modules for hardware expansion or exchange. Each GSM gateway module runs an independent asterisk system inside. The VoxStack gateway designs with two LAN Switch boards that provide stackability on the hardware upgrade. The GSM Gateways will be 100% compatible with asterisk, Elastix, trixbox, 3CX, FreeSWITCH SIP server and VOS VoIP operating platform.

Appearance



VS-GW1600-20G




VS-GW1202-8G



VS-GW2120-44G



WGW1002



Manufacturing Attentively Optimal Quality



Parameter

- Size: VS-GW2120 48.3cm*33.1cm*8.8cm
- VS-GW1600 44cm*4.5cm*30cm
- VS-GW1202 15cm*19cm*4.5cm
- WGW1002 16cm*10.1cm*3.1cm
- Weight: VS-GW2120 8624g
- VS-GW1600 4301g
- VS-GW1202 1300g
- WGW1002 237g
- LAN Port: 2
- Storage Temperature Range: -20~70°C
- SIM Cards: Hot-Swap
- Operation Temperature Range: 0~40°C
- GWM400G Module: Hot-Swap
- Power: VS-GW2120 88W
- VS-GW1600 46W
- VS-GW1202 18W
- WGW1002 6W
- Operation Humidity Range:10%~90%
Non-condensing



GSM Features

- CLID Display & Hide (Need operators' support)
- GSM Frequency Range: 850/900/1800/1900MHz
- Real Open API Protocol (based on Asterisk)
- Call Duration Limitation
- SMSC/SMS/USSD
- Gain Adjustment
- PIN Identification
- IMEI Number Automatically Modify
- Band Binding
- Bind Carrier
- Optional GSM/UMTS Voice Codec
- Call Waiting
- Call Forwarding (unconditional, no reply, busy, not reachable)
- USSD transceiver
- SMS Forwarding and Quick Reply
- GSM Ports Group Management
- SMS Coding/Detecting Automatically
Identification: ASCII/UCS2
- SMS Remotely Controlling Gateway
- SMS Bulk Transceiver, Sent to
Email and Automatically Resent



VoIP Characters

- Support SIP, IAX2 Protocol
- Add, Modify & Delete SIP Trunk
- SIP/IAX2 Registration with Domain
- SIP V2.0 RFC3261 Compliance
- DTMF Mode: RFC2833/Inband/SIPInfo
- Combine Different SIP Trunks into Group
- Multiple SIP/IAX2 Registrations modes:
None (No registration, just IP and Password authentication) Endpoint registers with this gateway (work as a SIP Sever)This gateway registers with the endpoint (work as a SIP/IAX2 client)

7*24 Technical Support

Any Way You Like



Network

- IPv4, UDP/TCP, DHCP, TFTP, TELNET, HTTP/HTTPS, SMTP, POP3
- HTTP/SSH (Optical Telnet)
- Ping & Traceroute Command on the Web
- Two Types of IP Access
- Simple Security Strategy: white list, black list, security



System Features

- Abundant Codecs: G.711A, G.711U, G.729, G.722, G.723, G.726, GSM
- Simple and convenient configuration via Web GUI
- Firmware Update by HTTP
- Automatically Reboot
- Extensible Automatic Callback and Speed Dial
- TTL Serial Port and Virtual Serial via TCP/IP Protocol
- Support DISA
- Customizable IVR
- PDD/ACD/ASR/BER Display
- Mobile number portability (MNP)
- CDR (More than 200,000 Lines CDRs Storage Locally)
- Support configuration files backup and upload
- Support for custom scripts, dialplans
- Least Cost Routing(LCR), according to Time, Port, Calling Number
- Independent System for Each Module
- Restore Factory Settings
- High Equipment Materials Specifications, Suitable for Long Distance Transportation
- Language Selection (Chinese/English)

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