VoxStack GSM Gateway

VS-GW1200-4G Datasheet

✓ 4 GSM Channels

✓ GSM 850/900/1800/1900MHZ

✓ SIM cards and VS-GWM400G module are all hot-swap

✓ Support SMS sending, receiving, grouping sending

✓ Support transferring SMS to E-mail

✓ Support checking number

✓ Support SIP1.0/2.0，enhanced SIP function

✓ Support USSD service

✓ Support IMEI modification

✓ Be compatible connect with SIP Server such as Asterisk，Elastix，

   3CX，FreeSWITCH Server

✓ Stable Function, Flexible Dialing, Friendly GUI

Overview

VoxStack series is OpenVox owned stack VoIP Gateway. VoxStack GSM Gateway has two kinds：one is VS-GW1200-4G ,two-stack box supporting up to 4GSM channels; the other is VS-GW1600, six-stack box supporting up to 20 GSM channels. VoxStack will connect GSM network with the VoIP world seamlessly, stably and reliably. With friendly GUI and simple modular design, SMBs and SOHOs may easily setup their customized Gateway.
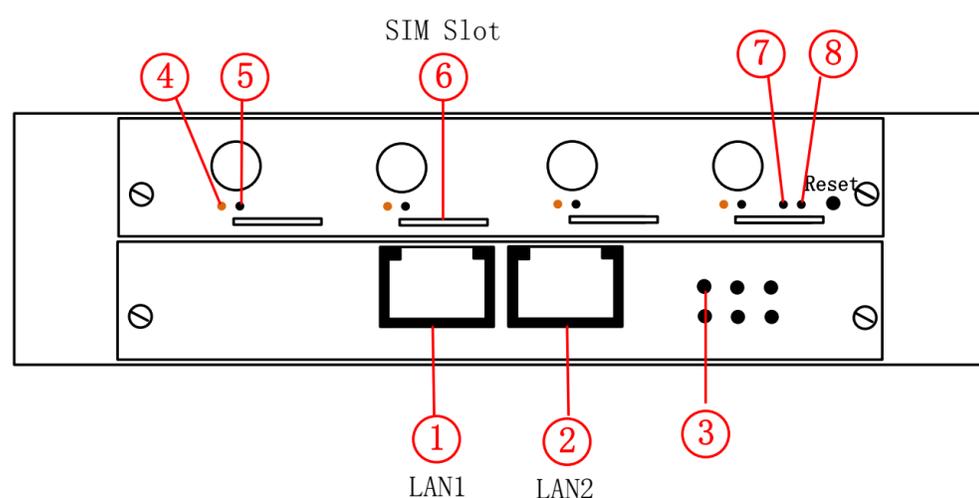
Topology

Feature List

Physical Information	
Weight	908g
Size	15cm*19cm*4.5cm
Frequency range	GSM 850/900/1800/1900MHz
Storage temperature range	-40~125℃
Operation temperature range	0~50℃
Operation humidity range	10%~90% non-condensing
Power source	12V DC/4A
Max power	32W
LAN port	2
SIM cards	4 and hot-swap
GWM400G module	Hot-swap
System	
Sync time from NTP and client	✓
Web username and password modification	✓
Online firmware update	✓
Configuration files upload	✓
Backup function support	✓
Factory reset	✓
GSM	
Speaker and microphone volume adjustment	✓
RX/TX gain adjustment	✓
PIN code management	✓
Transfer SMS to E-mail	✓
SMS command control	✓
SMS receiving, sending, group sending	✓
USSD support	✓
Polarity-reversal	✓
SIP	
Domain name registration	✓
Registration	None; Endpoint registers with this gateway; This gateway registers with the endpoint;
SIP trunk delete, add and edit	✓
DTMF mode	RFC2833、Inband、Info
SIP timer settings	✓
Assigned SIP port	UDP、TCP、RTP
SIP authentication settings	✓
Custom SIP method	✓
Codec	G.711A, G.711U, GSM, G.722, G.726, G.729
Caller ID advanced settings	✓
NAT settings	✓
QoS/ToS settings	✓

Routing	
Routing calls before/after manipulation	✓
TEL->IProuting	✓
IP->TELrouting	✓
Add/modify/delete routing	✓
IP->TEL destination number manipulation	✓
TEL->IP destination number manipulation	✓
TEL->IP source number manipulation	✓
Failover	✓
Network	
LAN IP	Factory, static, DHCP
DNS settings	✓
Ping, traceroute function	✓
Logs	
System logs support	✓
Asterisk logs support	✓
SIP logs support	✓
AT command logs	✓
CDR	✓

Front Panel

③Network Status LED	Green and Flash	Network Connected
④Signal Status LED	Green and Flash	Module Initiating
	Red and Flash	No SIM Card
	Red and No-flash	Worst Signal Quality
	Yellow and No-flash	Medium Signal Quality
	Green and No-flash	Best Signal Quality
⑤Call Status LED	Flash (0.25s)	Communicating
	Blind	Normal
⑦Running Status LED	Green and Flash(0.5s)	Work Normally
⑧Power Indicator	Always Green	Supply Power

During reset, all LED indicators flash.