VoxStack Analog Gateway

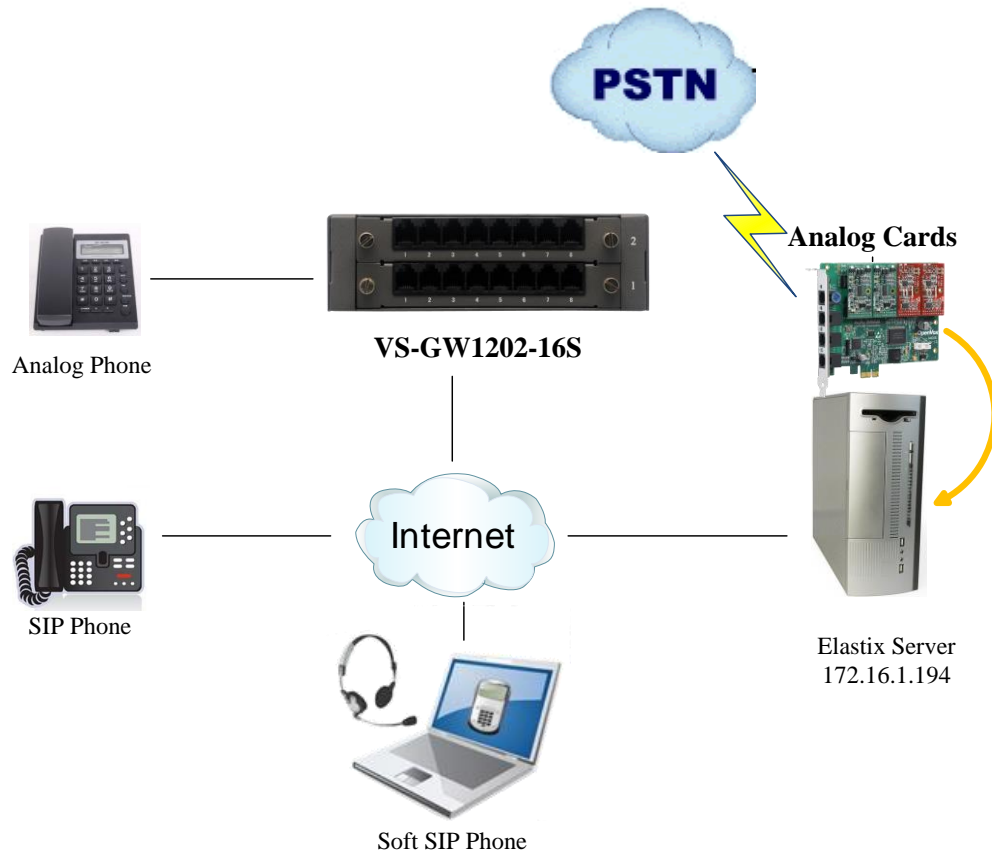## VS-GW1202-16S   Datasheet

Overview

OpenVox VoxStack Series Analog Gateway is an open source asterisk-based Analog VoIP Gateway solution for SMBs and SOHOs. There are three Analog Gateway models with VoxStack series Analog Gateway, VS-GW1200-8S, VS-GW1202-16S and VS-GW1600. VS-GW1200-8S can support 8 FXS ports at the same time, VS-GW1202-16S can support 16 FXS ports at the same time and VS-GW1600 Analog series can support up to 40 FXS ports synchronously. The Modular Design Analog Gateways are developed for interconnecting a wide selection of codecs including G.711A, G.711U, G.729, G.722, G.723, G.726, ILBC. The Analog Gateways use standard SIP protocol and compatible with Leading IMS/NGN platform, IPPBX and SIP servers, support most of the VoIP operating platforms such as Asterisk, Elastix, 3CX, FreeSWITCH ,Broadsoft etc.

- 16 FXS ports
- Support codecs: G.711A、G.711U、G.729、G.722、G.723、G.726、ILBC
- Support modify username and password for web login
- Support configuration file backup and upload
- Compatible with Asterisk, Elastix, Trixbox, 3CX FreeSWITCH sip server
- Stable function, flexible dialplan and friendly Web GUI

Topological Structure

PSTN

Analog Cards

Analog Phone

VS-GW1202-16S

SIP Phone

Internet

Soft SIP Phone

Elastix Server
172.16.1.194

Feature List

General Info	
Weight	1100g
Dimension	15cm*19cm*4.5cm
Storage temperature	-20~70℃
Operating temperature	0~40℃
Operating humidity	10%~90% non-condensing
Power supply specification	12V DC/2.33A
Maximum power	24W
LAN ports	2

System Features
Support NTP time synchronization and client time synchronization
Support modify username and password for web login
Support update firmware online
Support backup configuration file
Support upload configuration file
Abundant Log Info
Support Ring cadence and frequency setting
Support WMI(Message Waiting Indicator)
Support for custom scripts, dialplans
Automatically Reboot
Call status display
Language selection(Chinese/English)

Analog
Support Volume adjustment
Support Gain adjustment
Support call transfer
Support call hold
Support open API interface（AMI）
Support Caller ID display
Dial-up matching table
Support T.38 fax relay and T.30 fax transparent
Support FSK and DTMF signaling

Support VAD，CNG
Support codecs: G.711A、G.711U、G.729、G.722、G.723、G.726、ILBC
SIP Features
Support add, modify & delete SIP Accounts
Support batch add, modify & delete SIP Accounts
Support SIP server mode
Support protocols：SIP、IAX、TCP、UDP、RTP、SRTP、TELNET、HTTP、SMTP、POP3
Support multiple SIP registrations：Anonymous, Endpoint registers with this gateway, This gateway registers with the endpoint
FXS Port Grouping
SIP accounts can be registered to multiple servers
Business Control
Permit and prohibit certain calls
Extensible automatic callback and speed dial
Extensible call transfer function
Support customizable DISA、IVR and other applications
Network
Support DDNS
Support DNS
Support DHCP
Support DTMF relay
Support NAT Networking
Support OpenVPN client
Network type：Static IP, Dynamic
Support ping command on the web
Operation Maintenance
Support Echo cancellation, Jitter buffer
Support gateway boards and SIM hot plug
Support SSH remote operation
Support restore the factory settings
One-year warranty