OpenVox DGW-L20X

Overview

OpenVox DGW-L20X T1/E1 Gateway is an open source asterisk-based VoIP Gateway solution for operators and call centers. It is a converged media gateway product. This kind of gateway connects traditional telephone system to IP networks and integrates VoIP PBX with the ISDN seamlessly. With friendly GUI, users may easily setup their customized Gateway. Also secondary development can be completed through AMI (Asterisk Management Interface).

The DGW-L20X T1/E1 Gateway supports 1/2/4 software-selectable T1/E1/PRI interface and supports up to 120 concurrent calls.

Target Applications

- Connect legacy PBX systems to low-cost VoIP services
- Connect legacy PBX systems to remote sites over private VoIP links
- Connect IP PBX systems to legacy TDM services
- Phased transition from legacy PBX to IP PBX
- Connect virtualized systems to legacy TDM services
- Transcoding by connecting systems using varying codecs
- Lync connectivity to SIP or legacy TDM providers and SIP or Legacy PBX

System Features

- Available in 1/2/4 port T1/E1,up to 120 energy efficiency concurrent processing
- Signaling: PRI/R2/SS7
- Support up to 24 countries' standard R2 signaling
- Support new R2 variant
- Simple and convenient configuration via Web GUI
- Codecs support: G.711A, G.711U, G.729A, G.723.1, G.722, GSM
- Support protocols：SIP, IAX, TCP, UDP, RTP, SSH, HTTP, HTTPS
- Support NTP time synchronization and client time synchronization
- Support SSH access for background management, Asterisk CLI command operation
- Open API interface (AMI)
- Support ports group management
- Support for custom dialplans
- Firmware update by HTTP
- Support call statistics
- Support auto provision
- Support channel status show dynamically
- Support backup/upload configuration file
- Multiple detailed log output
- Support Chinese language
- Automatically reboot
- Good compatibility, support Asterisk, Elastix, FreeSWITCH and Small and medium IPPBX platform
- Available for OEM
- 3-month "No Question Asked" Return Policy
- Two-year Warranty

SIP Features

- Support add, modify & delete SIP Accounts
- SIP registration with Domain
- Support multiple SIP registrations: Anonymous, Endpoint registers with this gateway, This gateway registers with the endpoint
- SIP accounts can be registered to multiple servers
- Combine different SIP Trunks into group
- SIP(RFC3261) compliance
- DTMF: RFC2833, SIP INFO, INBAND
- Support T.38 /Pass-through Fax

Routing

- Flexible routing settings
- Support 512 routing
- Support caller/callee manipulation and filtering
- Trunk group support, Trunk priority management
- Support add, modify & delete routing
- E1/T1 port grouping
- Support Failover

Network Features

- Network type: Static IP and DHCP
- IPv4, UDP/TCP, DHCP, TFTP, SCP
- HTTP/HTTPS/SSH
- Support DDNS
- Support ping & traceroute command on the web
- Support network capture on the web

Technical Specifications

- 1/2/4 T1/E1 RJ-48
- 2 10/100/1000Mbps Ethernet ports
- Operation humidity: 5%~95% non-condensing
- Operating temperature: 0℃~70℃
- 2 USB 2.0 ports
- Maximum Power Consumption: 18W
- Power supply specification: 100-240V/AC
- Storage temperature: -40℃~85℃

Specifications

DGW-L20X E1/T1/PRI VoIP Gateway			
Product Model	DGW-L201	DGW-L202	DGW-L204
T1/E1 Ports	1	2	4
Concurrent Calls	30	60	120
Ethernet Ports	2(10/100/1000M）		
USB	2(USB 2.0）		
VGA	1		
Weight	1352g		
Dimension (W/D/H)	310*162.50*44mm		
Maximum Power Consumption	18W		
Power Supply	100-240V/AC		
Operating Temperature	0℃~70℃		
Operation Humidity	5%~95% non-condensing		
Storage Temperature	-40℃~85℃		