



OpenVox DGW-L301

Overview

OpenVox DGW-L301 T1/E1/PRI 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 systems to IP networks and seamlessly integrates VoIP PBX with the PSTN. With a friendly GUI, users may easily set up their customized gateway. Also secondary development can be completed through AMI (Asterisk Management Interface).

The DGW-L301 T1/E1/PRI gateway supports 1 software-selectable T1/E1/PRI interface and supports up to 30 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 port T1/E1/PRI, up to 30 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 T1/E1 RJ45
- 2 10/100Mbps Ethernet ports
- Operation humidity: 10%~90% non-condensing
- Operating temperature: 0°C~50°C
- Maximum Power Consumption: 3W
- Power supply specification: 12V/1A
- Storage temperature: -20°C~70°C

Specifications

DGW-L301 E1/T1/PRI VoIP Gateway	
Product Name	DGW-L301
Interfaces	
T1/E1 Ports	1
Ethernet port	2 * 10/100Mbps ports
USB	-
General Info	
Weight	1.2kg
Dimension	232mm*152mm*45mm
Max Power Consumption	3W
Power Supply	12V/1A
Operation Temperature	0°C ~ 50°C
Operation Humidity Range	10% ~ 90% NON-CONDENSING
Storage Temperature Range	-20°C ~ 70°C

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