



OpenVox DGW-200X(R)

Overview

OpenVox 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 user friendly GUI, customers may easily setup their customized Gateway. Also secondary development can be completed through AMI (Asterisk Management Interface).

The DGW-200X(R) digital VoIP gateway supports 1/2/4 software-selectable T1/E1/PRI interface and supports up to 30/60/120 concurrent calls. The "R" means that the device supports redundant power supply.

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
- Lync connectivity to SIP or legacy TDM providers and SIP or Legacy PBX
- Phased transition from legacy PBX to IP PBX
- Connect virtualized systems to legacy TDM services
- Transcoding by connecting systems using varying codecs

System Features

- Available in 1/2/4 port T1/E1, up to 120 energy efficiency concurrent processing
- Signalling: PRI/R2/SS7
- Support up to 24 countries' standard R2 signalling
- 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 custom dialplans
- Echo Cancellation (Octasic® DSP)
- 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
- Compatibility with all kinds of SIP servers, such as Asterisk, Elastix, FreeSWITCH and other IPPBX platforms
- 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 and 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 Feature

- 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 10/100/1000M Ethernet ports
- DGW-200X with single power supply
- DGW-200XR with redundant power supply
- Operating temperature: 0°C~70°C
- 2 USB 2.0 ports
- Maximum Power Consumption: 20W
- Power supply specification: 100-240V/AC
- Operation humidity: 5%~95% non-condensing
- Storage temperature: -40°C~85°C

Specifications

DGW-200X(R) E1/T1/PRI VoIP Gateway						
Product Model	DGW-2001	DGW-2001R	DGW-2002	DGW-2002R	DGW-2004	DGW-2004R
Power Supply	1	2	1	2	1	2
T1/E1 Ports	1		2		4	
Concurrent Calls	30		60		150	
Ethernet Ports	2 (10/100/1000M)					
USB	2 (USB 2.0)					
VGA	1					
Weight	2919g					
Dimension (W/D/H)	440*230*44mm					
Maximum Power Consumption	20W					
Power Supply	100-240V/AC					
Operating Temperature	0°C~70°C					
Operation Humidity	5%-95% 无冷凝					
Storage Temperature	-40°C~85°C					

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