



OpenVox ET 200X(L) Series Gateway Datasheet

OpenVox ET-200X series 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 PSTN seamlessly. With friendly GUI, users may easily setup their customized Gateway. Also secondary development can be completed through AMI (Asterisk Management Interface).

The ET-200X(L) digital gateway supports 1/2/4 software-selectable T1/E1/PRI interface and supports up to 30/60/120 concurrent calls. The “L” means that the device has no V100 module. It is developed with a wide selection of codecs and signaling protocol, including G.711A, G.711U, G.729A, G.722, G.723 and GSM. It supports PRI/R2/SS7 protocol. The ET-200X(L) series gateways will be 100% compatible with kinds of SIP servers, such as Asterisk, Elastix, trixbox, 3CX, FreeSWITCH and other VoIP operating platforms.

Sample 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

Parameter

- 1 10/100Mbps Ethernet Interface
- 1 USB 2.0 Interface
- 1 HDMI Interface
- Maximum Power: 12W
- Operating humidity: 10% ~ 90% non-condensing
- Operating temperature: 0 °C ~ 70 °C
- storage temperature: -20°C ~ 70°C

Physical Interfaces & Properties

- Ethernet connectors: RJ45
- ISDN interface : E1/T1, BNC (G.703), RJ-48 120Ω
- Signal: PRI, SS7, R2
- Dimension: 100*162.5 mm

IAX Features

- Support IAX trunk
- Support encrypted transmitting

System Features

- Available in 1/2/4 port T1/E1/PRI/R2/SS7, energy efficiency concurrent processing, up to 120
- Simple and convenient configuration via Web GUI
- Codecs : G.711A,G.711U,G.729A, G.723, G.722, GSM
- 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

SIP Features

- Lync connectivity to SIP or legacy TDM providers and SIP or Legacy PBX
- SIP registration with Domain
- E1/T1 port grouping
- Support multiple SIP registrations: Anonymous, Endpoint registers with this gateway, This gateway registers with the endpoint

Routing

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

Network Features

- Network Type: Static IP & DHCP
- IPv4, UDP/TCP, DHCP, TFTP, SCP

- Firmware update by HTTP
- Support call statistics
- Support backup/upload configuration file
- Automatically reboot
- Multiple detailed log output
- Support Chinese language
- Support auto provision
- Good compatibility, support Asterisk, Elastix, Freeswitch and Small and medium IPPBX platform
- Available for OEM
- 3-month “No Question Asked” Return Policy, and Two-year Warranty

- 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

Specification

| Model | ET2001 | ET2002 | ET2004 | ET2001L | ET2002L |
|---------------------------|-------------|--------|--------|----------|---------|
| E1/T1 ports | 1 | 2 | 4 | 1 | 2 |
| Codec & Echo Cancellation | Hardware | | | Software | |
| Dimension | 100*162.5mm | | | | |
| Weight | 210g | 216g | 226g | 202g | 207g |