TX-350

Unified Communication Gateway

Product Overview

Techroutes TX-350 is a is a new generation unified communication gateway equipped with modular & hot swappable interface boards of FXS/FXO/E1/T1 users can flexibly connect with SIP trunks, PSTN, legacy PBX, analog phones, fax machines and IP phones according to their business needs.
TX-350 is not only suitable for helping to build the telephony system of large and medium-sized enterprises, but also can meet the branch office needs of large group enterprises and government agencies, helping enterprises and industry customers to establish a convenient and efficient IP telephone system.

Key Features
- Supports 100 SIP User registrations
- Supports FXS ports with the flexible and alternative capability (8 Ports per slot)
- Distributed multi-core CPU, greatly improves the call processing capacity
- Flexible dial rules based on time, number or source IP etc
- Supports Multi-level IVR, helps to build personalized voice navigation for enterprise
- Built-in VPN server/client
- Support voicemail/ Voice recording
- User-friendly web interface

Physical Interfaces
- 2* MCU boards
- 4 FXS User boards
- Dual Giga Ethernet Interfaces
- 1 USB 2.0
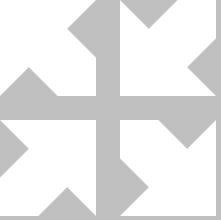- 1 Console Port

FXS Interface
- Connector: RJ45
- Caller ID: Bellcore Type 1&2, ETSI,BT,NTT and DTMF Answer and Disconnect
- Signaling: Answer, Disconnect, Busy Tone
- Polarity Reversal
- Hook Flash

Voice Capabilities
- VoIP Protocols: SIP over UDP/TCP/TLS,RTP/SRTP
- Codecs: G.711,G.723.1, G.729A/B, G.722,G.726, OPUS
- Silence Suppression
- Comfort Noise Generator(CNG)
- Voice Activity Detection(VAD)
- Echo Cancellation: G.168 with up to 128ms
- Dynamic Jitter Buffer
- Adjustable Gain Control
- Automatic Gain Control （AGC）
- Call Progress Tones: Dial Tone, Ring Back Tone, Busy Tone
- FAX: T.38 and Pass-through
- NAT: STUN/UPnP
- DTMF: RFC2833/Signal/Inband
- VPN Server/Client

PBX Services
- Call Forward (Unconditional/No Answer/Busy)
- Call Waiting
- Call Holding
- Call Transfer
- Hotline
- Do-not-disturb
- 3-Way Conference
- Ring Group
- Call Queue
- Routing Groups
- Caller/Called Number Manipulation
- Routing: Based on Time Period Based on Caller/Called Prefixes Based on Source Trunks
- Dial Rules
- Failover Routing
- Multi-level IVR
- Auto-attendant Function
- CDRs
- Voicemail
- Voice Recording
- Paging
- Event Report
- Email Client
- Voicemail to Email

Maintenance

- Web GUI Configuration
- Telnet Management
- Configuration Restore/Backup
- Multiple Languages Supported
- HTTP/TFTP/FTP Firmware Upgrade
- Auto Provision
- Syslog
- Ping and Tracert
- Traffic Statistics: TCP,UDP,RTP
- Network Capture
- NTP
- Classification of Web Users' Rights HTTP&HTTPS/NATS API

Environmental

- 1+1 Power Supply (Optional)
- Input: 100-240VAC, 50-60 Hz
- Power Consumption:50W
- Operating Temperature:0 ℃ ~ 45 ℃
- Storage Temperature: -20 ℃ ~80 ℃
- Humidity:10%-90% Non-Condensing
- Dimensions(W/D/H): 437*345*49 mm
- Unit Weight: 5.7 kg

For More details:
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Your Route to The Destination