

TSV-IPB200

The VoIP PBX for SME

TSV-IPB200 is an IP telephony system, which is used to help small and medium-sized enterprises establish a convenient and high-efficient communication way. The gateway provides 2 FXO ports and 2 FXS ports, and meanwhile it can be extended based on the Session Initiation Protocol (SIP). Interworking with traditional PBX and third party IPPBX system, it allows users to communicate through voice, fax, data or video. Besides, TSV-IPB200 supports VPN, encryption and security strategies, and thus ensures secure communication. It can be widely used in small and medium-sized call centers, enterprise branches to improve work efficiency and save communication cost.

Product pictures:



Back



Front

Key features:

- Supports up to 500 SIP users and 30 concurrent calls
- Supports 2 FXO and 2 FXS ports with lifeline capability
- Flexible dial rules based on time number or source IP etc.
- Supports Multi-level IVR (Interactive Voice Response)
- Built-in VPN server/client
- Support voicemail/ Voice recording
- User-friendly web interface, classification of web user's rights

Physical interfaces

- FXS : 2*FXS Ports
- FXO : 2*FXO Ports
- USB Interface : 1*USB2.0
- Ethernet Interfaces:
- 1 WAN, 100/1000, Base-T, RJ45
- 1 LAN, 100/1000, Base-T, RJ45
- Wi-Fi(Optional): 2.4GHz & 5.8GHz
- 1*SD card slot
- 1*Console port
- LED Indicators: PSTN Line, FXS, USB, SD, PWR/RUN

Voice capabilities

- VoIP Protocols: SIP over UDP/TCP/TLS,RTP/SRTP
- Codecs : G.711a/μ law, G.723.1, G.729A/B
- 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

FXS

- Connector : RJ11
- Caller ID : Bellcore Type 1&2 ; ETSI ;BT ;NTT ;and DTMF
- Answer and Disconnect Signaling: Answer; Disconnect; Busy Tone
- Polarity Reversal
- Hook Flash

FXO

- Connector: RJ11
- Caller ID: FSK, DTMF
- Polarity Reversal
- Answer Delay
- Detection of Busy Tone
- Detection of No Current
- Auto Match of FXO Impedance

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
- Routing Based on Caller/called Prefixes
- Routing Based on Source Trunks
- Dial Rules
- Failover Routing
- Multi-level IVR
- Auto-attendant Function
- CDRs
- Voicemail
- Local Recording (Support USB Storage)
- Up to 500 SIP Extensions
- Up to 30 Concurrent Calls
- Paging
- Event Report
- Email Client
- Voice to Email

Environmental

- Power Supply: 12VDC, 2A
- Power Consumption: 18W
- Operating Temperature: 0 °C ~ 40 °C
- Storage Temperature: -10 °C ~ 90 °C
- Humidity: 10% - 90% Non-Condensing
- Dimensions (W/D/H): 240 X 180 X 35mm
- Unit Weight: 1Kg

Application:

