



Dual-core CPU



Max 800 users



IMS/SIP trunk interconnection



2 x GbE ports



SFP (opt.)



CDR & recording



All PBX functions



One click broadcasting & intercom



Video & audio calls



Conference call



Auto-provisioning



Enterprise directory



IP PBX200 | Intelligent Solution for Enterprise Communication

IP PBX200 is a next-generation IP voice communication system designed for Small and Medium-sized Enterprises, significantly reducing traditional calling costs and building a flexible, intelligent business communication platform. It is suitable for scenarios with 10-500 users, such as enterprise headquarters, branches, chain stores, and creative parks, providing a communication experience comparable to large enterprises while saving costs.

Core values:

Compatibility: Seamlessly connect to FXO/FXS traditional lines, SIP terminals, analog phones, and fax machines, supporting smooth transition between new and old systems and protecting enterprises' existing investments.

User scalability: Supports linear scalability from 10 to 800 users, adapting to enterprises' needs at different development stages.

Auto-provisioning: Automatically discover TAC600 series gateways and IP phones in the network, supporting batch configuration, reset, restart, and firmware upgrades.

Product model	FXS	FXO	Standard SIP Extension	Scalable SIP Extension	SFP
IP PBX200(8S)	8	—	200	800	Optional
IP PBX200(8O)	—	8	200	800	Optional
IP PBX200(4O4S)	4	4	200	800	Optional

Interface Specs

System · RSTv1

- USB2.0 x1
- Console x1

Network

- WAN 10/100/1000M, RJ45x1
- LAN 10/100/1000M, RJ45x1
- SFP Slot x1 (Optional)

FXO/FXS

- RJ11 with LED x8

Indicators

- PWR/SYS/SFP

Power

- DC12V/2A

FXO Specs

- Interface RJ11
- Line Status LED
- Polarity Reversal Detection
- Automatic Caller ID Detection (full formats)
- Auto Busy Tone Detection (multi-cadence)
- Currentless Disconnect Detection
- Secondary Dialing Detection&Transmission
- Automatic Digit Acceleration on outbound calls
- Per-port Transmit/Receive Gain Adjustment
- Built-in Surge Protection&Anti-interference

FXS Specs

- Interface RJ11
- Dialing: DTMF/Pulse
- CID: DTMF/SFSK/MFSK
- MWI: HV Lighting/FSK/Polarity Rev.
- Polarity Rev. Signal: Yes
- Nat. Tone Std.: Supported
- Port Adj.: Voltage, Current, Ringing
- Gain Adj.: Mic/Speaker
- Tx Type 2: Yes
- Timeout Config: Multiple
- Wire Length: 5 km(10 km opt.)

Voice QoS

- Echo Cancellation
- VAD/CNG
- Jitter Buffer
- PLC

PBX services

- Basic Call
- Inbound & outbound routing
- Proxy Response Group
- Call Forwarding:Unconditional/No Answer/Busy
- Ringing Group
- IVR Voice Navigation
- Function code
- Voice message
- Call Transfer: Attended/Blind
- Call parking
- 3-Way Conf.
- DND
- Hotline
- Direct IP Dial
- Redial
- Dialing Rules
- Last Call Return

Value-Added Services

- Intercom
- Broadcast Group
- Teleconference
- Auto-provisioning
- Enterprise directory
- CDR & recording

Network Features

- IPv4/IPv6
- IP Assignment: Static/DHCP/PPPoE/PPP/VPNC
- VLAN Subinterface
- DHCP Server
- NAT/DNS/IGMP
- Routing: Static/Dynamic/Policy-based
- OpenVPN Support
- Switch VLAN/Trunk Port
- NTP Client
- Bandwidth Control
- QoS Policy
- Security Firewall
- APR Defense
- DDoS Protection

Voice codec

- G.711U, G.711A G.723, G.729, G.726, G.722, OPUS

Protocols

- SIP(RFC3261)
- SDP, RTP/RTCP
- UDP/TCP/TLS
- SRTP
- T.38&Fax Pass-Through
- Early Media
- DTMF: RFC2833/In-band/INFO

Local management

- Web UI: HTTP/HTTPS
- SSH/Console Access
- Config Import/Export
- Reset/Reboot
- Firmware Upgrade
- System Debug/Packet Capture
- Diagnostics
- Ping/Tracert
- Real-Time Port Status
- Local Logging
- Log Upload

Remote Management

- Firmware Upgrade
- SNMP
- TR-069
- Syslog

Physical Specs

- Metal chassis
- Power: DC12V/2A
- Consumption: 3~15W
- Operating Temperature: 0°C to 45°C
- Storage Temperature: -20°C to 80°C
- Humidity: 10-90% (non-condensing)
- Dimensions: 235*110*28.5mm
- Net weight: 0.7kg
- Mounting: Desktop

Packaging

- IP PBX200 x1
- Quick guide
- Ethernet cable
- 12V 2A adapter

Carton Specs

- Inner box: 335*115*42mm