

# IPBX 232

# IPBX 2520

# IP PBX

- IP PBX system handles both Analog and IP based Phone
- Support 32/128 IP extension and modularized FXS/FXO extension up to 16/32
- Compatible with multiple protocols SIP(3261) & H.323 V2~4
- Life-Line Support (FXS relay to PSTN on power fail)
- Personal auto-attendant, voice mail and voicemail to email
- Authority management for off-net call
- Advanced Network Service: DHCP Server, VPN, Firewall, and IP sharing (NAT)



In the past, organizations adopted legacy PBX for telephony services. This traditional solution is costly in deployment and maintenance. Since the widespread of network infrastructure and the maturation of IP technology, enterprises are looking for IP based solution, which merge voice and data information into a single network; thus, increasing manageability while reducing communication cost.

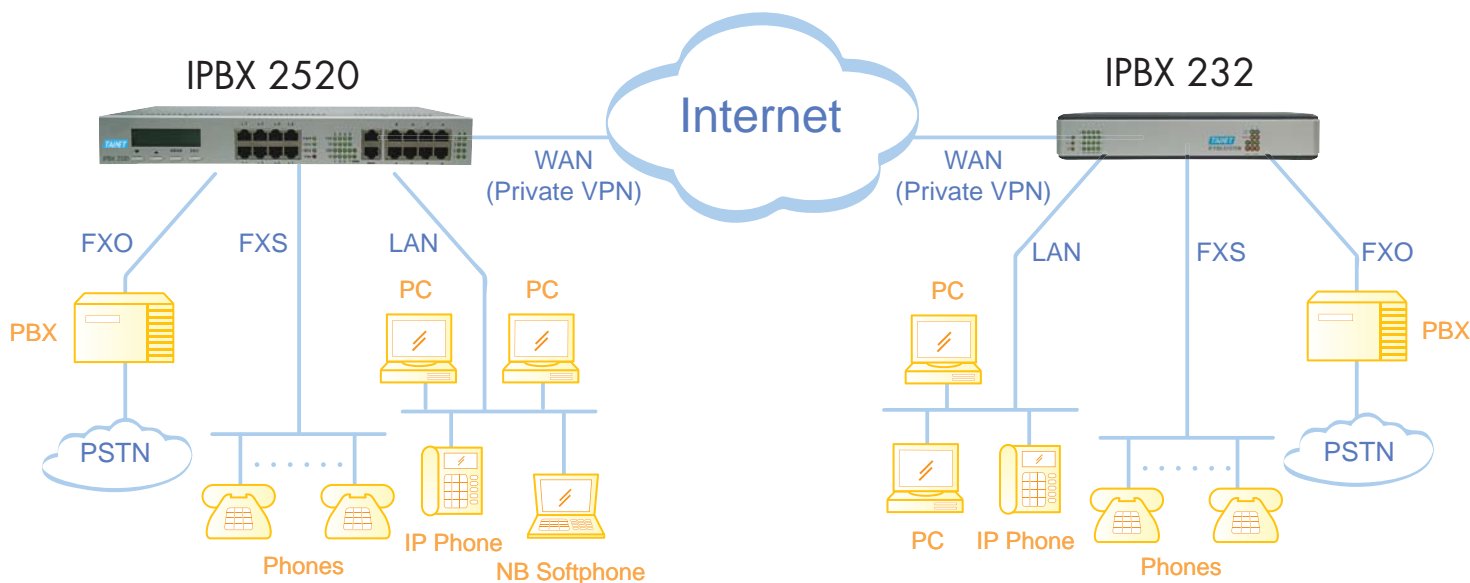
IPBX 232/2520 series provide an integrated switching platform for both IP based and Analog phone sets. This is a system, which could comply with both popular SIP and H.323 protocols. To fulfill E911 requirement, the voice modules could perform PSTN Lifeline application during power failure and IP network congestion. All above lowered the investment risk for adopting IP PBX solution. With Tainet IPBX 232/2520, organizations can communicate from worldwide locations via VoIP. It can be greatly cutting back on international and long-distance calling expenses.

An additional hidden benefit is that there is a huge reduction in the costs associated with moving, adding and removing users from the system. The versatile and expandable design makes IPBX 232/2520 an ideal choice for companies of small to medium sizes enterprises. Now, even SME could easily get the enhanced features from high end PABX system. For large enterprises and call center, they could also collocate new IP PBX with legacy PABX for smoothly migration. Moreover, IPBX also allows Service Providers to exploit new market opportunities and revenues.



## IPBX 232

## IPBX 2520

**PBX System**

- DISA build in
- 2 layers IVR, auto-attendant
- Personal greetings, call transfer, call forward, call pickup, 3-way conference, no disturbing, toll restriction
- Personal voice mail, voicemail to email
- Dial-out authorization setup
- Call recording
- Caller ID detection (DTMF before ring, DTMF after ring)
- Speed dialing setup
- Group management
- Dialing plan configuration
- User authority setting
- Time of call warning
- System password

**Call Control Protocols & Voice Features**

- SIP (3261) Protocol
- H.323 V2
- G723, G729A, G.711
- Support DTMF SIP (RFC 2833/SIP Info) H.323 (Alphanumeric)

**SIP Features**

- SIP proxy register server

**FXS/FXO modules**

- 4-port-module for analog extension
- PSTN Lifeline
- Gain Control: In/Out +3/-6db (FXS)
- Adaptive echo cancellation
- Answering mode support

**Network Services**

- DHCP Server, DDNS client, QoS Service, 4 VPN tunnels, and system configuration backup
- IP-Sharing (NAT): address and port mapping virtual DMZ
- DHCP client, Static IP and PPPoE on WAN

**Security**

- Support SIP MD5 authentication
- H.323 H.235 password authentication
- Firewall (layer 2)

**Network Management**

- Web UI management tool
- Firmware upgrade and backup management
- Two-level management architecture with User and Admin login
- Provide NTP server (time zone adjustment)

**Models****IPBX 232:**

- 32 IP user license can be registered
- Max. 16 analog extension lines (FXS/FXO modules)
- WAN: 1 10/100 Mbps RJ-45 (UTP)
- LAN: 4 10/100 Mbps RJ-45 (UTP)
- External power adaptor: 12 VDC 3.3Amp output and 100-250V AC input

**IPBX 2520:**

- 128 IP user license can be registered
- Max. 32 analog extension lines (FXS/FXO modules)
- WAN: 1 10/100 Mbps RJ-45 (UTP)
- LAN: 8 10/100 Mbps RJ-45 (UTP)
- Power Supply: 100~240 VAC 50/60Hz

