

TPB5096 IP PBX

SIP-BASED ALL-IN-ONE IP PBXS WITH ALL FEATURES FOR THE ENTERPRISE

EASILY SUPPORT ANALOG PHONES AND A WIDE RANGE OF SIP-BASED THIRD PARTY DEVICES TO HELP ENTERPRISE MORE EASILY DEPLOY THE IP TELEPHONY SYSTEM .



- ALL IN ONE IPPBX WITH POWERFUL BILLING SYSTEM
- UP TO 96 ANALOG VOICE INTERFACE
- COMBINE FXO AND FXS INTO ONE BOX
- LINUX BASED SECURE APPLIANCE
- SHELF-TOP IP PBX WITH COMPLETE PBX FUNCTIONALITY AND INTEGRATED VOICE MAIL
- ASTERISK KERNAL WITH DSP CHIPSETS
- SKYPE TRUNK COMPATIBLE
- GREEN IPPBX , LOW POWER CONSUMPTION
- EASY DEPLOYMENT AND MAINTENANCE
- BROAD INTEROPERABILITY LIST OF 3rd PARTY PHONES AND SERVICES

TPB5096 is an embedded enterprise IPPBX, which can provide basic services, supplementary services, etc .it can equipped with various VoIP interfaces (FXS, FXO, etc) depending on module options. TPB5096 has built-in SIP register server and PROXY. TPB5096 is suitable for small and medium size companies, and inter-works with the VoIP and video products of Telesail to provide a variety of IP application services appropriate for your network. Also, TPB5096 supports H.323 VoIP inter-working as well as SIP protocol for outbound call.

KEY BENEFITS

Next-Generation IP PBX System

The front panel of TPB5096 supports LED displays of device status.and has one(1) 10/100 Mbps WAN ports, three(3) 10/100 Mbps LAN ports,USB port, the RS-232C console port for Command Line Interface (CLI).Its rear panel has sub-card interface and power interface.The power input of TPB5096 has 2 types: 220V AC and 48V DC . And 48VDC interface is 1:1 redundant . TPB5096 provides 4 type subcard 8FXS, 8FXO, 4FXS4FXO and E1. It supports up to 12 slots (10 slots for analog interface, 2 slots for E1 interface).Different type card can work together. TPB5096 can support maximum 96 port analog interface (12slots x 8Port VoIP subcard) or 300 IP extension. The call scenarios supported by TPB5096 provide SIP-based basic calls, color ring services, music on hold, blind transfer, call pickup, group call pickup, consult calls, switching calls, consult transfer, call waiting, call waiting notification, call park, call pickup remote, and hunt group. This product is designed to provide application services that require much memory such as voice mail using internal memory.

Intelligent IVR Features

Different IVR features are required by regular companies, government offices, and call centers respectively. TPB5096 system provides an IVR tool to meet your requirements. Also, this solution provides an IVR scenario editor to allow you to make and enable a desired call scenario.

Specification

Physical

- Memory
SDRAM:256M Flash: 32M
Extended Storage: 2G,Built-in SD card;
Optional USB interface
- 12 slots for VoIP Interface Module and E1 module

TPB-8S	8-port FXS Interface Module (8 x RJ11)
TPB-4S4O	4-port FXS Interface &4-Port FXO Interface Module (8 x RJ11)
TPB-8O	8-port FXO Interface Module (8 x RJ11)
TPB-E1	1-Port E1 interface Module (1 x RJ45)
- WAN/LAN:
One(1) port 10/100 Base-T (RJ45) WAN
Two(2) port 10/100 Base-T (RJ45) LAN
One(1) RS232 for console (RJ45)
- Dimensions
482mm(W)* 261mm(D) * 44mm(H)
- Weight 10kg

Power and Environmental

- Power :110V ~220V AC
1:1 Redundancy 48V DC
- Operating humidity: 0~80%
- Operating temperature: 0°C~ 55°C

Telephone Feature

- Supplementary Features
Call Waiting, Call Hold, Call Transfer, Call Forward,Local and Network 3-Way conferencing, Hot Line
- Voice Coders
G.711,G.723,G.726,G.729a/B
- Echo Cancellation
G.168 compliant,128msec tail length

- Fax Support
T.38 G3(Group 3) FAX Relay
FAX Bypass(G.711) Mode Support
- Silence Suppression
VAD, CNG
- Adaptive Jitter Buffer 300 msec
- Packetization
RTP/RTCP Packetization – RFC 3550, 3551
- CPT tone
Default 13 countries CPT setting.
Define special CPT by requirement

Protocol Support

- VoIP Signaling Support
SIP – RFC 3261
SIP over Transport Layer Security(TLS)
H.323
- DHCP client

Maintenance

- Web Server for Configuration and Management Software
- Configuration upgrade from HTTP/HTTPS/TFTP/FTP
- Integrated SNMP agent
CLI over Telnet
- Syslog support for debug and diagnostics

Order Information

TPB5096 IP PBX

TPB5096-Chassis-AC	5U, 12 slots for analog interface or E1 interface, including one AC220V power, one WAN port, two LAN port, one RS232 port
TPB5096-Chassis-DC	5U, 12 slots for analog interface or E1 interface, including two DC-48V power, one WAN port, two LAN port, one(1) RS232 port
TPB5096-8S	8-port FXS Interface Module (8 x RJ11),up to 1~12 cards
TPB5096-4S4O	4-port FXS Interface &4-Port FXO Interface Module (8 x RJ11), up to 1~12 cards
TPB5096-8O	8-port FXO Interface Module (8 x RJ11),up to 1~12 cards
TPB5096-E1	1 E1 port with ISDN PRI support, up to 1~2 cards

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About Technology Co., Ltd

Telesail Technology is professional in IP-based, end-to-end networking solutions and international service and support. The company sells its broadband, wireless,transmission solutions to operators in both emerging and established telecommunications markets around the world. Telesail enables its customers to rapidly deploy revenue-generating access services using their existing infrastructure, while providing a migration path to cost-efficient, end-to-end IP networks.
For more information about Telesail, visit the company's Web site at <http://www.telesail.com>.