TPB5008 **IP PBX**

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

Feature-Rich Enterprise-Class Business Ip Telephony System That Supports High Quality Voip And Unified Communications Services.It Can Easily Support Analog Phones And A Wide Range Of Sip-Based Third Party Devices To Help Enterprise More Easily Deploy The Ip Telephony System .

TPB5008 IP PBX

- **ALL IN ONE IPPBX WITH POWERFUL BILLING SYSTEM**
- **UP TO 8 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**

TPB5008 supports high quality VoIP and Unified Communications services for up to 100 user. It can support 8 VOIP interface,which can be 8-Port FXO, 4-Port FXS & 4-Port FXO depending on module options.TPB5008 inter-works with various IP terminals and analog phones to provide multimedia IP telephony services as well as the traditional voice-based PBX features. TPB5008 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. TPB5008 IP PBX is based on SIP Open Standards. In addition to Telesail' enterprise-class IP phones, it can easily support analog phones and a wide range of SIP-based third party devices to help companies more easily deploy the IP telephony system they need.

KEY BENEFITS

All-in-One Servers. Do Everything You Need

TPB5008 combine the functions of an VOIP gateway, with classic PBX functionality for high quality voice calling and Unified Communications across an organization.It provide SIP-based basic calls, colorring services, 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. It can provide application services that require much memory such as voice mails using external memory. Also, intelligent IVR service, Media Service such as music on hold, announcement, music ring back tone, Unified Messaging Service (voice mail) are additional IP PBX service features beside basic SIP call manger service.Users of the system may log in from any location and have full access to all system features while retaining their own personal user identity – whether they are logging in at the office, at home, while traveling, or from a different site.

Open SIP Standards, Asterisk open source code

TPB5008 IP PBXs were designed and built from the ground up as SIP Open Standards platforms to provide a complete IP telephony and Unified Communications solution. Telesail not only provides its own line of high quality SIP desktop and wireless phones, but also supports a growing range of 3rd party phones and services. Telesail gives the user the freedom to tailor the deployment that's best for them. Asterisk open source code makes it powerful. DSP chipsets enable clear voice and no jitter call experience.

Specification

Physical

- Memory
  SDRAM:64M
  Flash: 16M
- Telephone Interfaces
  4 RJ-11 FXS port and 4 RJ-11 FXO port
  (TPB5008-4S4O)
  8 RJ-11 FXO port options (TPB5008-8O)
- WAN/LAN:
  2 RJ-45 - 10/100 Base-T
- 1 USB2.0
- Console
  1 RS232 RJ45
- Dimensions:
  40mm H x238mm W x 151mm D
- Weight : 3.3kg

Power and Environmental

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

VOIP Service

- Capacity: less than 100 user
- 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
- CPT tone
  Default 13 countries CPT setting.
  Define special CPT by requirement

- Interoperable with Diverse VoIP Gateways
- Interoperable with Diverse VoIP
  Gatekeeper ,SIP Proxy Server
- Speed Dial, Phone Book
- Basic Call Scenario, Coloring Service Music
  on Hold, Blind Transfer, Call Pickup
- Consult Call, Switching Call, Consult Transfer
- Call Waiting, Call Waiting Notify
- IVR Service
- Auto attendant.
- Hunting group
- Ring Back Tone, Announcement,

Unified Messaging Service

- Unified Messaging Service
- IVR Scenario for Voice Mail Recording and
  Retrieval
- Voice Mail Notification via E-Mail
- Quote Management for each user

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

TPB5008 IP PBX

TPB5008-4S4O	VoIP Telephone Adapter including 4 FXS lines, 4 FXO for line,1 WAN port, 1 LAN port,1 RS232 port. 1 USB2.0 interface,Powe:220V AC, 50~60Hz
TPB5008-8O	VoIP Telephone Adapter including 8 FXO lines 1 WAN port, 1 LAN port, 1 RS232 port. 1 USB 2.0 interface,Powe:220V AC, 50~60Hz

Telesail Technology Co., Ltd

3F,TAIWEI Tower, No. 31 Jiancai West St.
Haidian District, Beijing, China 100096
Email : sale@telesail.com
Tel: +86 10 8291 2638
Fax: +86 10 5141 7010
Web Site: http://www.telesail.com

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.