

SOHO Internet Telephony PBX System



PLANET IPX-600 IP PBX systems are designed and optimized for the SMB, and SOHO daily communications. Due to the IPX-600 is so easy to configure that a fully working system with the convenience and cost advantages. The IPX-600 is the next generation voice communication platform for the SOHO and Home Office. Designed as an open, scalable, and highly reliable telephony solution, the Future IP PBX system offers all of the essential telephony features required for small business/enterprise users on their telecommunication/data needs.

The IPX-600 is an embedded system with built-in SIP proxy server and NAT functions that makes it perfect for enterprise usage. The IPX-600 provides not only basic call functions on traditional PBX system but also many advanced functions including voice mail to email, web management, roaming etc that's not possible on traditional PBX. Designed to run on a variety of VoIP applications, the IPX-600 provides centralized call control, auto-attendant, voice conferencing, and IP-based communications. The IPX-600 utilize standard phone lines via an FXO gateway interfaces to become a feature-rich PBX system that supports seamless communications between existing local calls, IP phones and SIP-based endpoints, including low cost long distance service, telephone number portability and one network for both voice and data.

The system stability is established by a very stable embedded system platform and the SD (Secure Digital) memory card storage. Since all the system configurations (including voice mail) are stored in the SD card storage, if in any chance that the system damaged, you could restore the whole system by just putting the SD card to a new IPX-600, no re-configuration is needed. In this way, the maintenance effort is minimized.

With 600, standard SIP phones can be easily integrated in your office, you may integrate PLANET IP Phone VIP-154T series, VIP-155PT, the ATA (analog telephone adapter) series - VIP-156 / VIP-157 and Gateway series - VIP-281 / VIP-480 / VIP-880 / VIP-1680 / VIP-2480 to build up the VoIP network deployment in minutes.

Allowing distributed IP technology to meet traditional voice services, with proactive management interface, the IPX-600 in the daily business processes, enterprises can make people more productive, more intelligent tasks, and more customer satisfaction.

KEY FEATURE

PBX Features

- Automated Attendant (AA)
- Interactive Voice Response (IVR)
- Voicemail support
- Personal Voicemail Greeting
- DID to User
- DID to Hunting Group - Round Robin, Parallel, Random
- Least Cost Call Routing (20)
- Call Detailed Record
- User Management via Web Browser
- Call/Pickup Group
- Display 200 Registered User's Status: Unregistered / Registered / On-Call
- Outgoing Call Block List (10)

Call Features

- Call Forward Immediate
- Call Forward on Busy
- Call Forward on No Answer
- Do Not Disturb (Forward to Voicemail)
- Direct Inward Dialing (DID)
- Call Pickup / Call Park
- Call Retrieval
- Caller ID/ Dial By Name
- Roaming Extensions
- Music on Hold / Music on Transfer
- Call Queuing
- Call Transfer / Call Hold / Call Waiting
- Three-way conference with feature phones (VIP-154T series, VIP-155PT and ATA series)

Router/Firewall Features

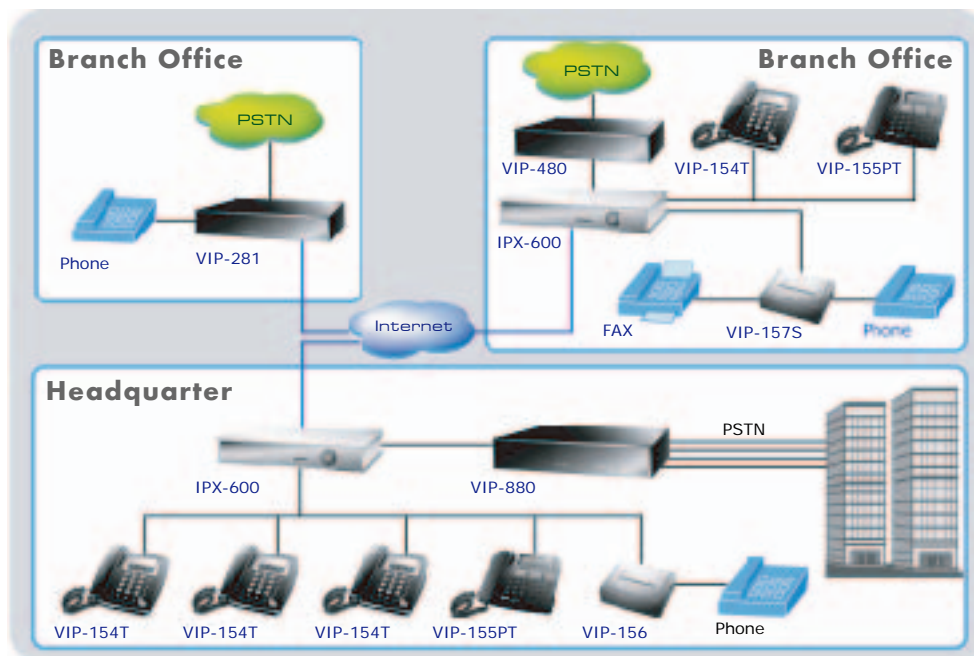
- DHCP Server for LAN Users
- Access Control / URL Filter
- Virtual Server / DMZ / Special Application
- Static Route
- Pass-through
- UPnP
- DoS

SPECIFICATION

Product	SOHO Internet Telephony PBX system
Model	IPX-600
Hardware	
LAN	4 RJ-45 (10/100Base-TX, Auto-Sensing/Switching)
WAN	1 RJ-45 (10/100Base-TX, Auto-Sensing/Switching)
Standards and protocol	
Call Control	SIP 2.0 (RFC3261)
Registration	Max. 200 nodes / SIP IP phones / FXO gateways
Calls	Max. 60 concurrent calls
Voice CODEC Support	G.711, G.726, G.723.1 (5.3, 6.3kbps), G.729A (8kbps)
Voice Processing	DTMF detection/generation, Support password authentication using MD5 digest
PBX Features	Automated Attendant (AA) Interactive Voice Response (IVR) Record IVR via Phone Upload IVR via Web Browser Voicemail support Embedded SMTP Server that Can Send Voicemail notification Voicemail Attachment via Email Visual Indicator for Message Waiting Voicemail Notification via SUBSCRIBE/NOTIFY Personal Voicemail Greeting DID to User DID to Hunting Group - Round Robin, Parallel, Random Least Cost Call Routing (20) Call Detailed Record User Management via Web Browser Call/Pickup Group Display 200 Registered User's Status: Unregistered / Registered / On-Call Outgoing Call Block List (10)
Call Features	Call Forward Immediate, Call Forward on Busy, Call Forward on No Answer Do Not Disturb (Forward to Voicemail) Direct Inward Dialing (DID) Call Pickup, Call Park, Call Retrieval, Caller ID, Dial by Name Roaming Extensions Music on Hold / Music on Transfer Call Queuing Call Transfer ,Call Hold, Call Waiting Three-way conference with feature phones (VIP-154T series, VIP-155PT and ATA series)
Internet Sharing	
Protocol	TCP/IP, UDP/RTP/RTCP, HTTP, ICMP, ARP, NAT, DHCP, PPPoE, DNS
Advanced Function	Virtual Server / DMZ / Special Application, Static Route, Access Control / URL Filter, DHCP Server for LAN Users, DoS, Pass-through, UPnP
Network and Configuration	
Connection Type	Static IP, PPPoE, DHCP
Management	HTTP Web Browser
LED Indications	System: 2, PWR, SD WAN: 1, LAN/ACT LAN: 4, LNK/ACT
Environment	
Dimension (W x D x H)	242 x 174 x 36 mm
Operating Temperature	0~40 Degree C, 10~95% humidity
Power Requirement	100~240V AC 50/60Hz
EMC / EMI	CE, FCC Class B

APPLICATIONS

IPX-600 Intra Office Voice Communication



ORDERING INFORMATION

IPX-600	SOHO Internet Telephony PBX System (200 user registrations, 60 concurrent calls)
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RELATED PRODUCTS

ATA/ IP Phone - Auto Provision / 3-way conference supports

VIP-156	SIP Analog Telephone Adapter
VIP-156PE	802.3af PoE SIP Analog Telephone Adapter
VIP-157	1 FXS / 1 FXO SIP Analog Telephone Adapter
VIP-157S	2-Port SIP Analog Telephone Adapter
VIP-154T	SIP IP Phone
VIP-154PT	SIP IP phone with PoE splitter built-in
VIP-154NT	SIP IP Phone with PSTN support
VIP-155PT	802.3af PoE SIP IP Phone

Voice Gateway with FXS/FXO interface

VIP-281	2-Port H.323 / SIP VoIP Gateway (1 x WAN, 4 x LAN, 1 x FXO/ 1 x FXS; life line support)
VIP-480	4-Port H.323 / SIP VoIP Gateway (1 x WAN, 4 x LAN, 2 x FXO/ 2 x FXS; life line support)
VIP-880	8-Port H.323 / SIP VoIP Gateway (1 x WAN, 1 x LAN, 4 x FXO/ 4 x FXS; life line support)
VIP-1680	16-Port H.323 / SIP VoIP Gateway (1 x WAN, 1 x LAN, 8 x FXO/ 8 x FXS; life line support)
VIP-2480	24-Port H.323 / SIP VoIP Gateway (1 x WAN, 1 x LAN, 12 x FXO/12 x FXS; life line support)