SIP PoE IP Phone

For a cost-effective and high performance VoIP communications today, PLANET introduces the SIP PoE IP phone, VIP-254PT to fulfill the VoIP deployment needs from ITSP, enterprises to home use. The VIP-254PT features high-quality speakerphone technology, and various voice services including an easy-to-use speaker on/off button and call hold/transfer/ 3-way conference buttons.

The VIP-254PT has additional features such as built-in PPPoE/DHCP clients, password-protected machine management, LCD menu display, speed-dial 3-way conference keys, hands-free speakerphone, last number redial, incoming message indicator, and user-intuitive web administration system.
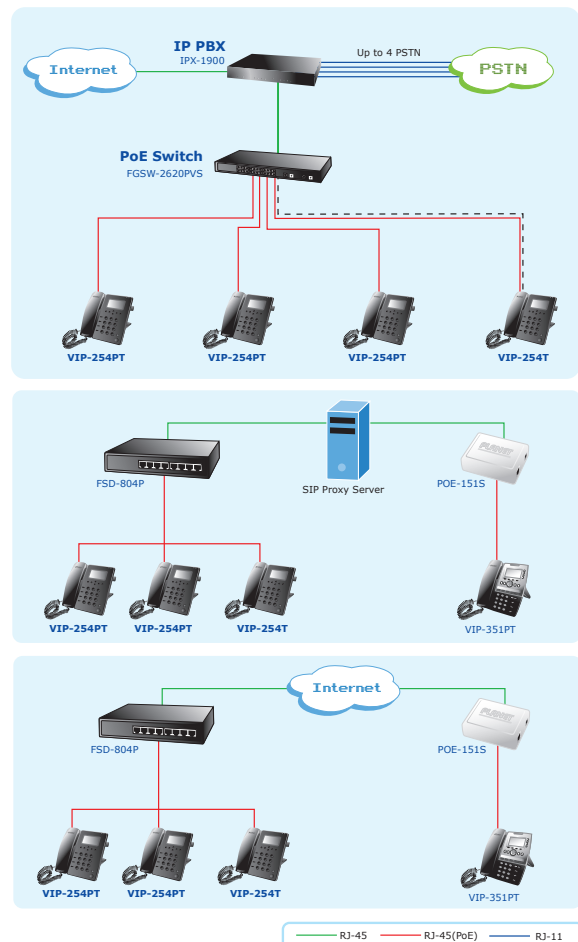
The VIP-254PT is the PoE IP phone featuring self-contained, service-integrated, intelligent phone features, and powerful voice processing. It can effortlessly deliver toll voice quality equivalent to the regular SIP Protocol connections by utilizing cutting-edge Quality of Service, echo cancellation, comfort noise generation (CNG) and voice compensation technology. Meanwhile, the dual Ethernet interfaces on the IP Phone allow users to install in an existing network location without interfering with desktop PC network connections.

The PoE SIP IP Phone VIP-254PT is an ideal solution for office / home use as well as installation for Internet Telephony Service Provider (ITSP). It's the delivery platform for IP voice services that brings benefits from the VoIP technologies in your daily life.

KEY FEATURES

- 802.3af Power over Ethernet support
- SIP 2.0 (RFC3261) compliant
- G.711, G.723.1 and G.729 voice codec
- Support STUN, Outbound Proxy
- Up to 3 Proxy server registrations
- 3-way conference, Caller ID support
- Built-in phone book / Speed dial
- Call Hold / Forward / Transfer / Waiting
- VAD / CNG / Echo Cancellation / DTMF detection
- Incoming / Outgoing / Miss Call record
- QoS / NAT / DHCP Server
- Web / Keypad management

APPLICATIONS

SPECIFICATION

Product	SIP PoE IP Phone
Model	VIP-254PT
Hardware	
LAN	1 x 10/100Mbps RJ-45 port (Power Over Ethernet 802.3af compliant)
PC	1 x 10/100Mbps RJ-45 port
LCD display	2 x 16 characters
Speaker	Full duplex hands free speaker phone
Protocols and Standard	
Standard	SIP 2.0 (RFC3261), MD5 for SIP authentication (RFC2069/ RFC 2617), SIP outbound proxy, SIP NAT Traversal Support STUN (RFC3489)
Voice codec	G.711: 64k bit/s (PCM) G.723.1: 6.3k / 5.3k bit/s G.726: 16k / 24k / 32k / 40k bit/s (ADPCM) G.729A: 8k bit/s (CS-ACELP) G.729B: adds VAD & CNG to G.729
Voice Standard	Voice activity detection (VAD) Comfort noise generation (CNG) Acoustic echo canceller (AEC) G.165: Line echo canceller (LEC) Jitter Buffer
Supplementary services	Caller ID 3-way conference Immediate (unconditional) call forwarding Busy call forwarding No answer calls forwarding Call Hold/Waiting/Transferring
Call history	Record incoming call Outgoing call Missed (not accepted) call history
Protocols	SIP v1 (RFC2543), v2(RFC3261), TCP/IP, UDP/RTP/RTCP, HTTP, ICMP, ARP, RARP, DNS, DHCP, SNTP, PPPoE
Network and Configuration	
Access Mode	Static IP, PPPoE, DHCP
Management	Web, LCD menu keypad, Telnet, auto-provision by TFTP/FTP/HTTP
Dimension (W x D x H)	184 x 200 x 48 mm
Operating Environment	0~45 Degree C, 0~95% humidity
Power Requirement	5V, 1A DC
EMC/EMI	FCC, CE Class BBuilt-in Fan and Heater

ORDERING INFORMATION

VIP-254PT	SIP PoE IP Phone (2 x RJ-45)

RELATED PRODUCTS

IPX-2000	Internet Telephony PBX system
IPX-1804	Internet Telephony PBX system
IPX-300	Internet Telephony PBX system
IPX-300W	Wi-Fi Internet Telephony PBX system

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