802.3af PoE SIP Analog Telephone Adapter

Based on years of VoIP manufacturing experiences, PLANET Technology VoIP total solutions are known as advanced implementation of standards based telephony with mass deployment capability.

Cost-effective, easy-to-install and simple-to-use, the VIP-156PE converts standard telephones to IP-based networks. With the 802.3af PoE integration, the service providers and enterprises can offer users traditional and enhanced the telephony communication services via the existing broadband connection to the Internet or corporation network.

With the VIP-156PE, enterprises are able to save the installation cost and extend their past investments in telephones, conference and speakerphones. The VIP-156PE can be the bridge between the traditional analog systems and IP network with an extremely affordable investment.

The VIP-156PE includes two Ethernet interface for Internet (PPPoE, DHCP or Fixed IP), or office LAN connection. Plus the auto-provision and 802.3af PoE features, the VIP-156PE can be seamlessly integrated into the telephony network built up by our IP PBX system IPX-2000.

The VIP-156PE, and PLANET IP PBX system integration are the ideal combination of your office daily communications.

KEY FEATURE

Product Features

- Feature-rich telephone service over home or office Internet/Intranet connection

- 802.3af PoE and auto-config features for flexible, ease-of use IP PBX system integration

- Cost effective, field proven compatibility, and stability

- Web-based and telephone keypad machine configuration

- Remote administrator authentication

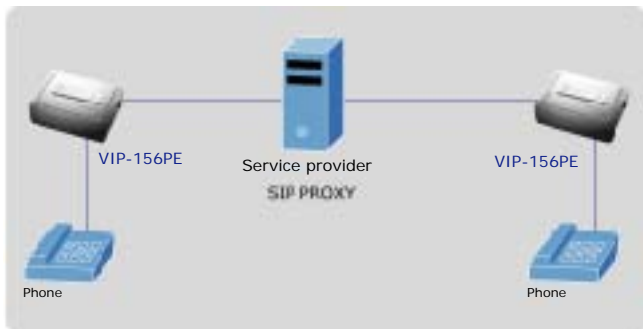- Voice prompt for machine configurations

VoIP Features

- SIP 2.0 (RFC3261) compliant

- Peer-to-Peer/SIP proxy calls

- Voice codec support: G.711, G.723.1, G.729A/G.729B

- Voice processing: Voice Active Detection, DTMF detection/ generation, G.168 echo cancellation (16mSec.), Comfort noise generation

- In band and out-of-band DTMF support
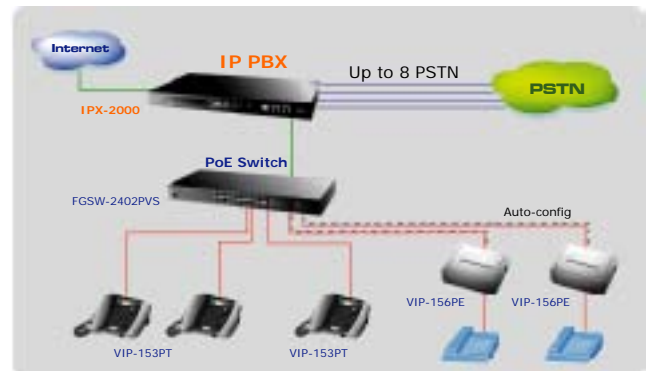
SPECIFICATION

Product	PoE SIP Telephone Adapter

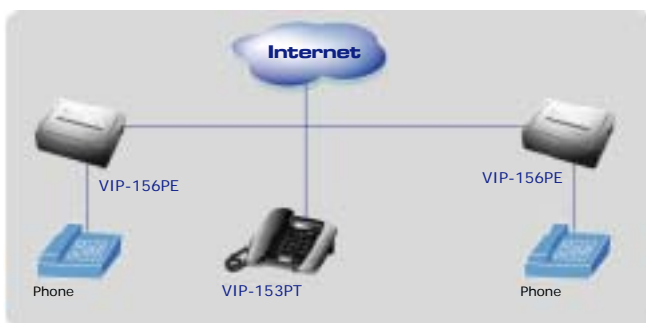| Model	VIP-156PE
Hardware	
LAN	1 x 10/100Mbps RJ-45 port
PC	1 x 10/100Mbps RJ-45 port
FXS	1 x RJ-11 connection
Protocols and Standard	
Standard	SIP 2.0 (RFC3261)
Voice codec	G.723.1 (6.3k/5.3k), G.729A, G.729B, G.711
Voice Standard	Voice activity detection (VAD)
	Comfort noise generation (CNG)
	Acoustic echo canceller (AEC)
	G.165: Line echo canceller (LEC)
	Jitter Buffer
Protocols	SIP 2.0 (RFC-3261), TCP/IP, UDP/RTP/RTCP, HTTP, ICMP, ARP, DNS, DHCP, NTP/SNTP, PPP, PPPoE

Network and Configuration	
Access Mode	Static IP, PPPoE, DHCP
Management	Web, keypad
Dimension (W x D x H)	94 x 72 x 30 mm
Operating Environment	0~40 degree C, 10~95% humidity
Power Requirement	12V DC/802.3af PoE
EMC/EMI	CE, FCC Class B

APPLICATIONS

VIP-156PE communications via SIP proxy (Service provider solution)

VIP-156PE/IPX-2000 integration

Peer-to-peer VIP-156PE communications (Home/SOHO solution)

ORDERING INFORMATION

VIP-156PE	SIP Telephone Adapter (1 x LAN, 1 x PC, 1 x RJ-11, 802.3af PoE)

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