SIP Analog Telephone Adapter

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

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

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

The VIP-156 includes two alternatively Ethernet interface for Internet (PPPoE, DHCP or Fixed IP), or office LAN connection. With adding the auto-provision feature of our IP PBX product - IPX-2000, the VIP-156 can be seamlessly integrated into the telephony network and be used in consumer and business IP telephony service, no expertise required!

The VIP-156 and our IP PBX system integration are the ideal combination for your office daily communications.

KEY FEATURE

Product Features

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

• Auto-config feature 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

• T.38 FAX transmission over IP network

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

• In band and out-of-band DTMF support

• Call forward, call transfer and call waiting support

• Three-way conference calls and caller ID display support

Data Sheet

SPECIFICATION

Product	SIP Telephone Adapter
Model	VIP-156
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), SIP Outbound proxy, STUN (RFC 3489)
Voice codec	G.723.1 (6.3k/5.3k), G.729A, G.729B, G.711
Fax Support	T.38
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
EMC/EMI	CE, FCC Class B

APPLICATIONS
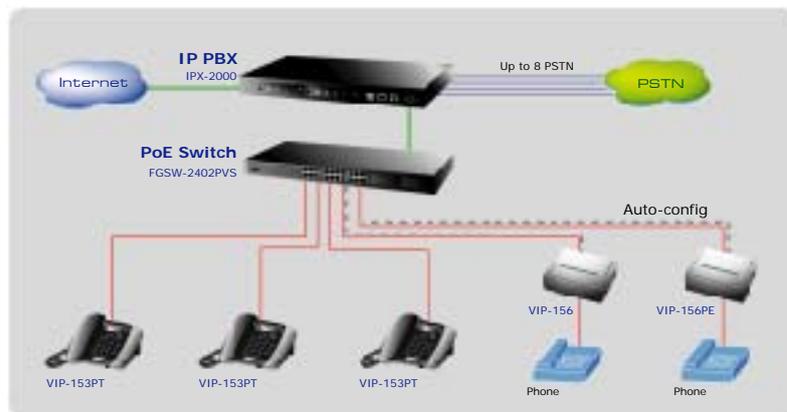
VIP-156 / IPX-2000 integration
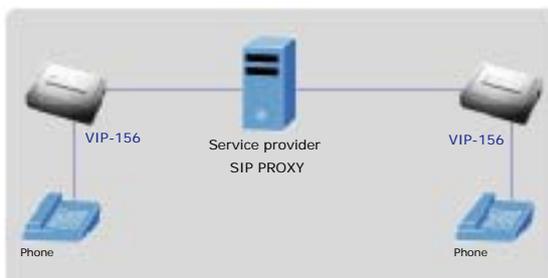
VIP-156 communications via SIP proxy (Service provider solution)

Peer-to-peer VoIP communication --- each site requires a PLANET analog telephone adapter

Place phone call/FAX between any sites on the VoIP network

ORDERING INFORMATION

VIP-156	SIP Telephone Adapter (1 x LAN, 1 x PC, 1 x RJ-11)

02-07   C-VIP156-2