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-157 converts standard telephones to IP-based networks with these benefits and functions. 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-157, home users and companies are able to save installation cost and extend their past investments in telephones, video conferencing and speakerphones. The VIP-157 equipped with two telephony interfaces, users may switch between VoIP and PSTN to maintain the regularity of daily voice communications. VIP-157 can be the bridge between the traditional analog telephone to IP network with an extremely affordable investment.

The VIP-157 includes two Ethernet interface for Internet (PPPoE, DHCP or Fixed IP), or office LAN connection, the dual Ethernet design brings the greatest convenience when deploying your VoIP network. Plus the auto-provision feature with PLANET IP PBX - IPX-2000, the VIP-157 can be seamlessly integrated into the telephony network and be used in consumer and business IP Telephony service, no expertise required! The VIP-157, and PLANET 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

• Selective PSTN/VoIP voice communications

• PSTN/VoIP incoming call alerting

• Call waiting, call transfer support

• Cost effective, field proven compatibility, and stability

• Web-based and telephone keypad machine configuration

• Remotes administrator authentication

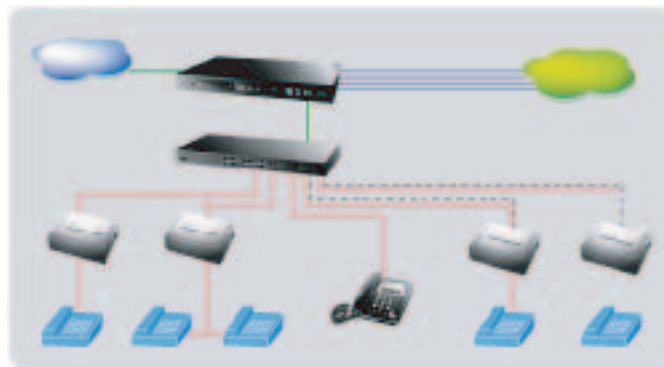• Voice prompt for machine configurations

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

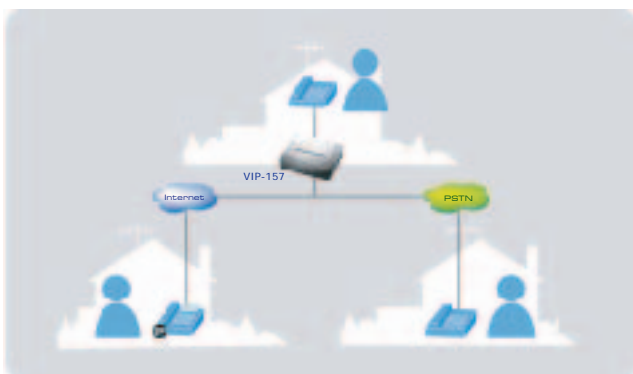• Three-way conference calls and caller ID display support

SPECIFICATION

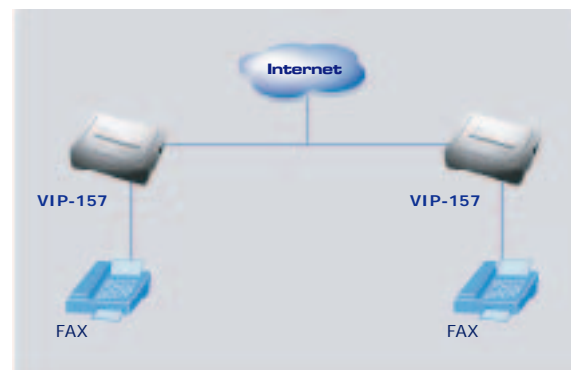| Product	SIP Analog Telephone Adapter
Model	VIP-157
Hardware	
LAN	1 x 10/100 Base-TX RJ-45 port
PC	1 x 10/100 Base-TX RJ-45 port
FXS (for telephone set connection)	1 x RJ-11 connection
PSTN	1 x RJ-11 connection
Protocols and Standard	
Standard	SIP 2.0 (RFC3261), SIP Outbound proxy, STUN (RFC 3489)
Voice 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-157 IPX-2000 integration

VIP-157 VoIP and PSTN communications

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-157	SIP Telephone Adapter (1 x LAN, 1 x PC, 1 x FXS, 1 x FXO)

Data Sheet

02-07   C-VIP157-1