



VIP-156

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 FEATURES

□ *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*

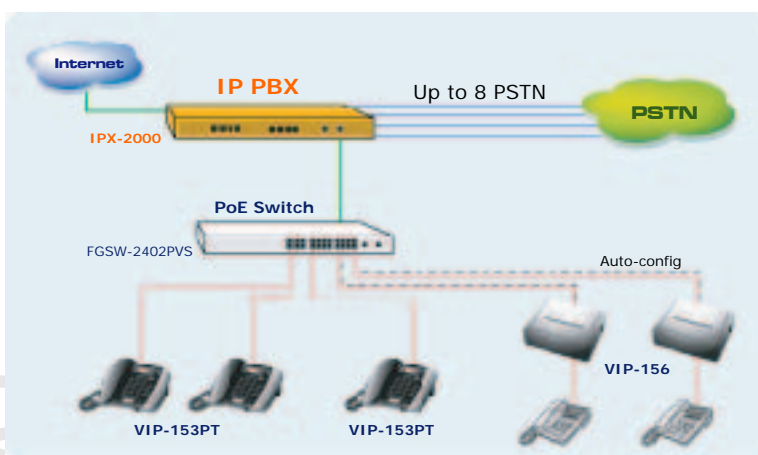
- ⇒ SIP 2.0 (RFC3261) compliant
- ⇒ Peer-to-Peer/SIP proxy calls
- ⇒ Voice codec support: G.711, G.723.1, G.729A/G.729B
- ⇒ Voice processing: Voice Active Detection, DTMF detection/generation, G.168 echo cancellation (16mSec.), Comfort noise generation,
- ⇒ In band and out-of-band DTMF support

▶▶ SPECIFICATION

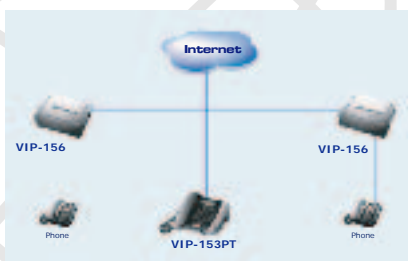
Product	SIP Analog Telephone Adapter
Model	VIP-156
Hardware	
LAN	1 x 10/100Mbps RJ-45 port
PC	1 x 10/100Mbps RJ-45 port
FXS	1 x RJ-11 connection
Protocols and Standard	
Standard	SIP 2.0 (RFC3261)
Voice codec	G.723.1 (6.3k/5.3k), G.729A, G.729B, G.711
Voice Standard	Voice activity detection (VAD) Comfort 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	Temperature: 0~40 degree C, Humidity: 10~95%
Power Requirement	12V DC
EMC/EMI	CE, FCC Class B

▶▶ APPLICATIONS

- ☐ VIP-156 / IPX-2000 integration



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



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



▶▶ ORDERING INFORMATION

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



PLANET Technology Corp.

11F, No. 96, Min Chuan Road, Hsin Tien, Taipei, Taiwan, R.O.C.
 TEL:886-2-2219-9518 FAX:886-2-2219-9528
 E-mail: sales@planet.com.tw http://www.planet.com.tw
 VoIP Gateway : vip.planet.com.tw

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