

# 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

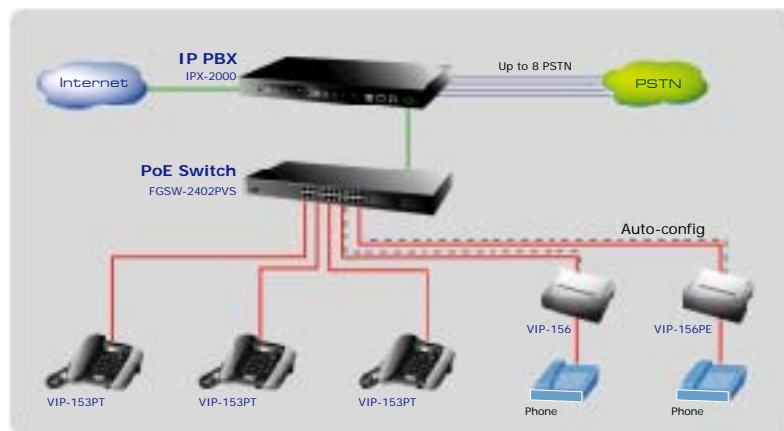
- Feature-rich telephone service over home or office Internet/Intranet connection
- Auto-config feature for flexible, ease-of use IP PBX system integration
- Cost effective, field proven compatibility, and stability
- Web-based and telephone keypad machine configuration
- Remote administrator authentication
- Voice prompt for machine configurations

### VoIP Features

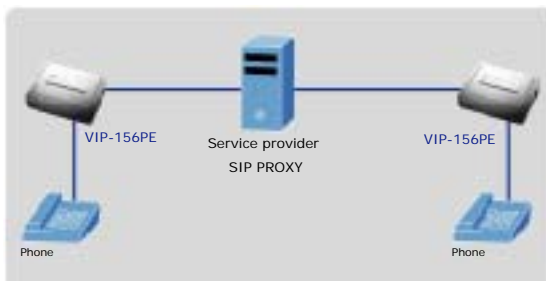
- SIP 2.0 (RFC3261) compliant
- Peer-to-Peer / SIP proxy calls
- Voice codec support: G.711, G.723.1, G.729A/G.729B
- Voice processing: Voice Active Detection, DTMF detection/generation, G.168 echo cancellation (16mSec.), Comfort noise generation
- In band and out-of-band DTMF support

**SPECIFICATION**
**Product** SIP Telephone Adapter

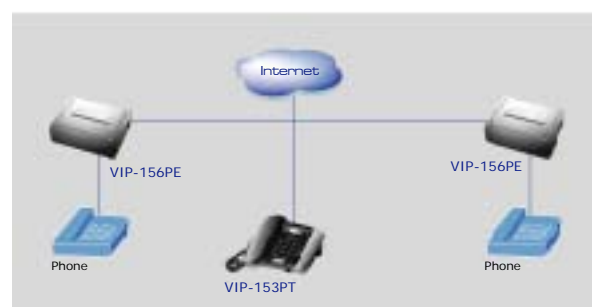
<b>Model</b>	VIP-156
<b>Hardware</b>	
<b>LAN</b>	1 x 10/100Base-TX RJ-45 Port
<b>PC</b>	1 x 10/100Base-TX RJ-45 Port
<b>FXS</b>	1 x RJ-11 connection
<b>Protocols and Standard</b>	
<b>Standard</b>	SIP 2.0 (RFC3261)
<b>Voice codec</b>	G.723.1 (6.3k/5.3k), G.729A, G.729B, G.711
<b>Voice Standard</b>	Voice activity detection (VAD) Comfort noise generation (CNG) Acoustic echo canceller (AEC) G.165: Line echo canceller (LEC) Jitter Buffer
<b>Protocols</b>	SIP 2.0 (RFC-3261), TCP/IP, UDP/RTP/RTCP, HTTP, ICMP, ARP, DNS, DHCP, NTP/SNTP, PPP, PPPoE
<b>Network and Configuration</b>	
<b>Access Mode</b>	Static IP, PPPoE, DHCP
<b>Management</b>	Web, Keypad
<b>Dimension (W x D x H)</b>	94 x 72 x 30 mm
<b>Operating Environment</b>	0~40 Degree C, 10~95% Humidity
<b>Power Requirement</b>	12V DC
<b>EMC/EMI</b>	CE, FCC Class B

**APPLICATIONS**


VIP-156 / IPX-2000 integration



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



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

**ORDERING INFORMATION**

<b>VIP-156</b>	SIP Telephone Adapter (1 x LAN, 1 x PC, 1 x RJ-11)
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