

SIP Analog Telephone Adapter



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

Cost-effective, easy-to-install and simple-to-use, the VIP-156 converts standard telephones to IP-based network communication. It supports the service providers and enterprises enhance the traditional 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 of voice-over-IP deployment 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 and PLANET IP PBX system integration is the ideal application to your office daily communications. The VIP-156 includes two alternative Ethernet interface for Internet (PPPoE, DHCP or Fixed IP) or office LAN connection. For the new generation of networking communication, the VIP-156 also supports IPv6 and VPN connection to provide users more flexible and advantaged communication service.

KEY FEATURES

PRODUCT FEATURES

- Feature-rich telephone service over home or office Internet / Intranet connection
- Web-Based and telephone keypad machine configuration
- Remote administrator authentication
- Easy access with PLANET Dynamic DNS
- Voice prompt for machine configurations
- Cost effective, field proven compatibility and stability

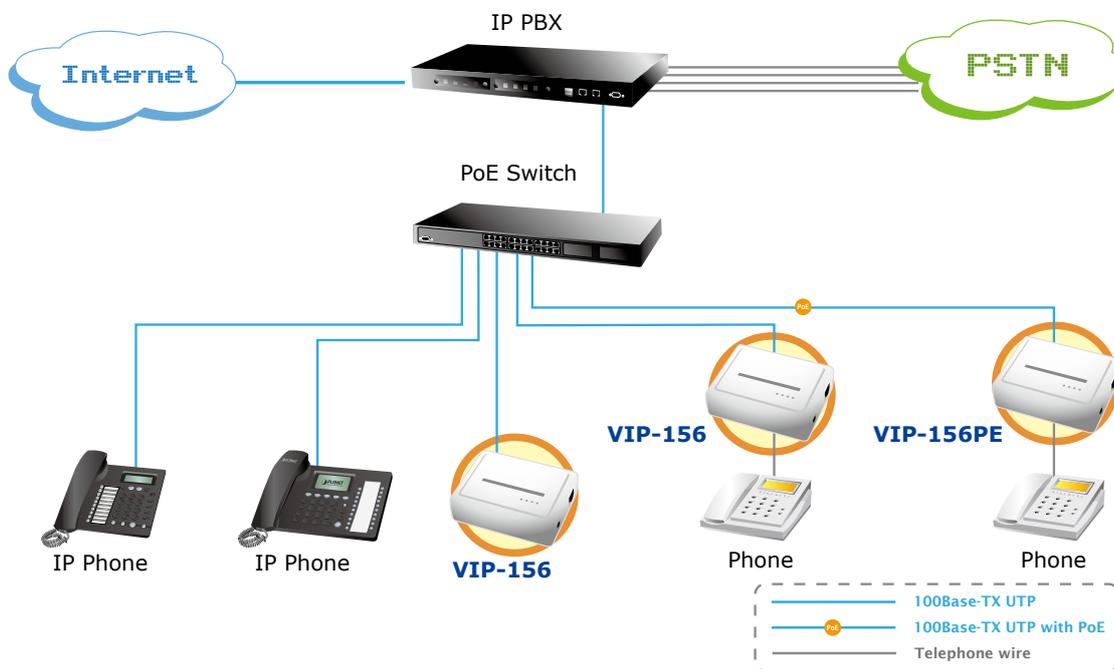
VOIP FEATURES

- SIP 2.0 (RFC3261) compliant
- Peer-to-Peer / SIP proxy calls
- Supports STUN, Outbound Proxy
- Up to 3 Proxy server registrations
- T.38 FAX transmission over IP network
- Call Hold / Forward / Transfer / Waiting
- Incoming / Outgoing / Miss Call record
- Local Phone book (Export / Upload)
- In band and out-of-band DTMF support
- 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

MANAGEMENT

- Auto-provision / auto Update support (FTPP, HTTP, FTP)
- DMZ and MAC clone
- IPv6 Management support
- TR-069 / VPN connection / VLAN support
- Virtual Server / QoS support

APPLICATIONS



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), SIP Outbound proxy, STUN (RFC 3489)
Voice codec	G.711, G.723.1 (6.3k/5.3k), G.729A, G.729B
Fax support	T.38, G.711 pass-through
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), IPv4 / IPv6 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 25 mm
Operating Environment	0~50 Degree C, 10~95% Humidity
Power Requirement	12V DC
EMC/EMI	CE, FCC Class B

ORDERING INFORMATION

VIP-156	SIP Analog Telephone Adapter
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RELATED PRODUCTS

VIP-156PE	802.3af PoE SIP Analog Telephone Adapter
VIP-157	1 FXS / 1 FXO SIP Analog Telephone Adapter
VIP-157S	2FXS SIP Analog Telephone Adapter
UMG-1000	Desktop Unified Office Gateway
UMG-2000	Unified Office Gateway
UMG-2100	Unified Office Gateway (1 x E1 / T1)
UMG-2200	Unified Office Gateway (8-Port FXO)
IPX-300W	Wi-Fi Internet Telephony PBX System (100 User Registrations, 30 Concurrent Calls)
IPX-1900	Internet Telephony PBX system (300 user registrations, 2 slots)
FNSW-1600P	16-Port 10/100Mbps PoE Fast Ethernet Switch
FNSW-2400PS	24-Port 10/100Mbps PoE Web Smart Ethernet Switch
FSD-808P	8-Port 10/100Mbps PoE Fast Ethernet Switch
GSD-808HP	8-Port 10/100/1000Mbps 802.3at PoE Desktop Switch