802.3af PoE 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-156PE converts standard telephones to IP-based network communication. With the 802.3af PoE integration, the VIP-156PE 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-156PE, 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-156PE can be the bridge between traditional analog systems and IP network with an extremely affordable investment.

The VIP-156PE and PLANET IP PBX system integration is the ideal application to your office daily communications. The VIP-156PE 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-156PE supports IPv6 and VPN connection to provide the users more flexible and advantaged communication service.

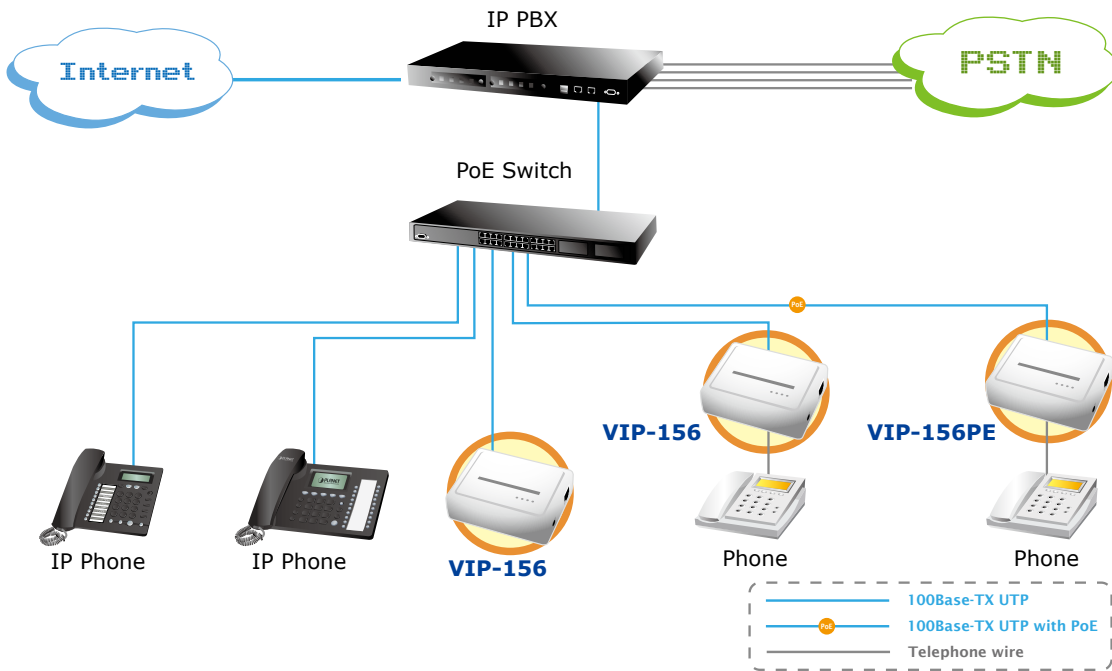## KEY FEATURES

PRODUCT FEATURES

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

- Web-Based and telephone keypad machine configuration

- 802.3af Power over Ethernet compliant

- 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

IP PBX

Internet

PSTN

PoE Switch

VIP-156   VIP-156PE

IP Phone   IP Phone   VIP-156   Phone   Phone

100Base-TX UTP
100Base-TX UTP with PoE
Telephone wire

SPECIFICATION

Product	802.3af PoE SIP Telephone Adapter
Model	VIP-156PE
Hardware	
LAN	1 x 10/100Mbps RJ-45 port (802.3af PoE)
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, 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 / 802.3af PoE
EMC/EMI	CE, FCC Class B

ORDERING INFORMATION

VIP-156P E	802.3af PoE SIP Analog Telephone Adapter

RELATED PRODUCTS

VIP-156	SIP Analog Telephone Adapter
VIP-157	1 FXS / 1 FXO SIP Analog Telephone Adapter
VIP-157 S	2 FXS 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-2400P S	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

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