

Power over Ethernet H.323 IP Phone



Meeting the next-generation Internet telephony service demands, PLANET Technology provides feature-rich, toll-quality Internet telephony service solutions. With 802.3af Power over Ethernet (PoE) LAN interface supported, the VIP-103PT is H.323 v2/v3/v4 compliant with H.235 security support.

The VIP-103PT features high-quality speakerphone technology, and includes an easy-to-use speaker on/off button and call hold/transfer buttons for various voice services.

The VIP-103PT has additional features such as built-in PPPoE/DHCP clients, password-protected machine management, LCD menu display, speed-dial keys, hands-free speakerphone, last number redial, incoming message indicator, and user-intuitive web administration system.

The VIP-103PT is self-contained, service-integrated, intelligent phone features offering, and powerful voice processing power. The VIP-103PT can effortlessly deliver toll voice quality equivalent to the regular PSTN connections utilizing cutting-edge Quality of Service, echo cancellation, comfort noise generation (CNG) and voice compensation technology.

Besides, the VIP-103PT deliver more convenience, efficiency, innovation and benefits of VoIP in your daily life, the PoE interface and IP PBX shall replace your existing PBX system with more feature and saving more. The IP Phones are ideal solution for office/home use as well as installation for Internet Telephony Service Provider (ITSP) from leading vendors. It's the delivery platform for IP voice services that makes benefit from the VoIP technologies in your daily life.

KEY FEATURE

Simple Installation and administration

- Configuration of the VIP-103PT can be performed in minutes via the keypad, or web interfaces. Using the built-in LCD display, the VIP-103PT offers user-friendly configuration guidelines, machine operation status, call status displays, and incoming call identification.

IP PBX system integration

- The VIP-103PT can be integrated with PLANET IP PBX system IPX-1000/IPX-1500 as one of the extensions in your office network.

Feature-rich keypad IP Phone

- The VIP-103PT integrates a high-quality speakerphone with the Call Hold, Forward and Transfer functions and also provides advanced telephone features, such as 10 speed-dial keys, last number redial, incoming call history indicator in a much more convenient and functional manner than traditional telephone sets.

Dynamic IP address assignment, and voice communication

- The VIP-103PT can act as a PPPoE/DHCP client, automatically obtaining an IP address for Internet access.

Various field applications compliant

- The VIP-103PT is capable of handling both peer-to-peer and H.323GK registration, authentication to interact with major H.323 gateway/IP Phone in the market. The IP Phone offers the most flexibility and interoperability with PLANET and 3rd party VoIP vendors, allowing the deployment of both simple and complex VoIP networks such as ITSP, PC-to-Phone/Phone-to-PC or enterprise VoIP environments.

Standards compliant

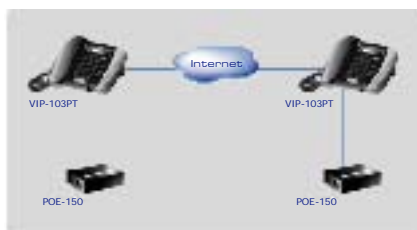
- The VIP-103PT complies with H.323 version 4, and supports H.323 fast start, H.245 tunneling, GateKeeper H.235 security mode for different occasions. Supported Voice codecs and VoIP technologies are: G.723, G.729ab, G.711u-law/a-law; Voice Activity Detection (VAD), and the Comfort Noise Generation (CNG).

SPECIFICATION

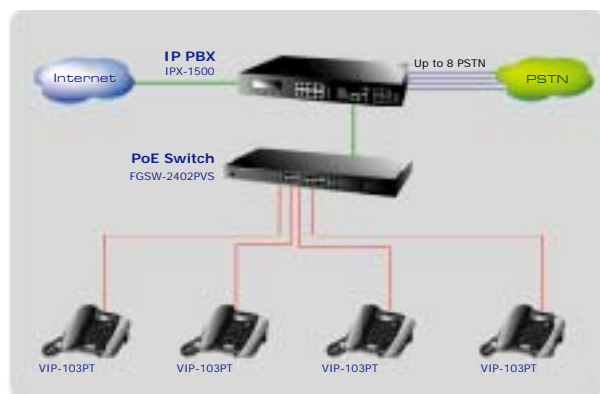
Product	H.323 PoE IP Phone
Model	VIP-103PT
Hardware	
WAN	1 x 10/100Mbps RJ-45 Port Power Over Ethernet 802.3af compliant
PC	1 x 10/100Mbps RJ-45 Port
LCD display	2 x 16 characters
Speaker	8 Ohm/0.2 Watt speaker for speakerphone operation
Protocols and Standard	
Standard	H.323 version 4, H.323 Fast start, H.245 Tunneling and H.245 DTMF relay
Voice codec	G.723.1 (6.3k/5.3k), G.729A/B,
Voice Standard	G.711 (a-law/u-law) Voice activity detection (VAD) Comfort noise generation (CNG)
Supplementary services	Dynamic Jitter Buffer Immediate (unconditional) call forwarding Busy call forwarding No answer calls forwarding Call hold/transferring.
Call history	Record incoming call Outgoing call Missed (not accepted) call history
Protocols	H.323, TCP/IP, UDP/RTP/RTCP, HTTP, ICMP, ARP, DNS, DHCP, NTP/SNTP, FTP, PPP, PPPoE
Network and Configuration	
Access Mode	Static IP, PPPoE, DHCP
Management	Web, Keypad
Dimension (W x D x H)	170 x 220 x 60 mm
Operating Environment	0~40 degree C, 10~95% humidity
Power Requirement	7V DC (802.3af 48VDC in line power at VIP-103PT model)
EMC/EMI	CE, FCC Class B

APPLICATIONS
Peer-to-Peer solution:

VIP-103PT (with PLANET POE-150 Power over Ethernet) - Internet - VIP-103PT (with PLANET POE-150 Power over Ethernet connection)


IP PBX Integration

PLANET IP PBX IPX-1500 integration VIP-103PT.


ORDERING INFORMATION

VIP-103PT	H.323 PoE IP Phone (2 x RJ-45, 802.3af PoE)
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