VIP-150PT

Power over Ethernet SIP IP Phone

Meeting the next-generation Internet telephony service demands, PLANET Technology provides feature-rich, toll-quality Internet telephony service solutions. The 802.3af Power over Ethernet (PoE) IP Phone –VIP-150PT. VIP-150PT is SIP 2.0 (RFC3261) compliant with SIP digest authentication supports. The VIP-150PT features high-quality speakerphone technology; also include an easy-to-use speaker on/off button and call hold/transfer buttons for various voice services. These features go beyond the conventional voice systems nowadays, and the PoE IP phones are cost-effective solution for Internet Telephony Service Provider (ITSPs) communications and interoperates VoIP hardware and systems form othe major third party vendors with the traditions of PLANET VoIP family.

As a feature-rich IP Phones, the VIP-150PT fulfills your needs. It is simple to use, and have additional features such as built-in PPPoE/DHCP clients, password-protected machine management, LCD menu display, hands-free speakerphone, last number redial, incoming message indicator, and user-intuitive web administration system.

The VIP-150PT is self-contained, service-integrated IP phones— offers intelligent phone features, and powerful voice processing power. The VIP-150PT can effortlessly deliver toll voice quality equivalent to the regular PSTN connections utilizing cutting-edge Quality of Service, echo cancellation, comfort noise generation and voice compensation technology. Meanwhile, the dual Ethernet interfaces on the VIP-150PT allows users to install in an existing network location without interfering with desktop PC network connections..The new VIP-150PT delivers more convenience, efficiency, innovation and benefits of VoIP in your dailylife.

PLANET PoE IP Phone – VIP-150PT is the ideal IP phone 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 your daily life benefit from the VoIP technologies.
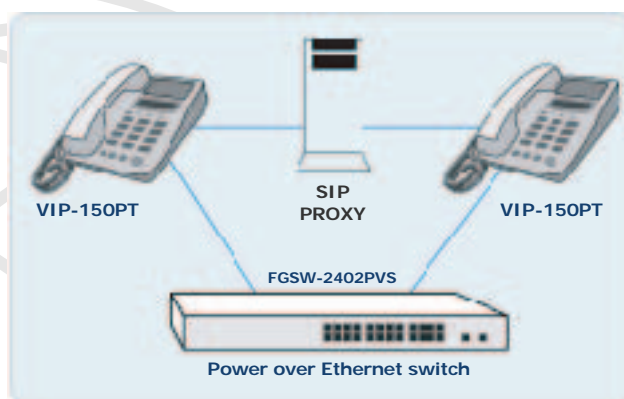
▶▶ KEY FEATURE

❒ *Simple Installation and administration*
Configuration of the VIP-150PT can be performed in minutes via the keypad, or web interfaces. Using the built-in LCD display, the VIP-150PT offers user-friendly configuration guidelines, machine operation status, call status displays, and incoming call identification

❒ *Feature-rich keypad IP Phone*
The VIP-150PT integrates a high-quality speakerphone with the Call Hold, Forward and Transfer functions and also provides advanced telephone features, such as 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 PLANET VIP-150PT can act as a PPPoE/DHCP client, automatically obtaining an IP address for Internet access. Various field applications compliant
The VIP-150PT is capable of handling both peer-to-peer and SIP proxy registration, authentication to interact with major SIP gateway/IP Phone in the market. VIP-150T 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-150PT complies with SIP 2.0 (RFC3261), interoperates with 3rd party SIP voice gateways/terminal/software as well as other PLANET VoIP products. Supported Voice codecs and VoIP technologies are: G.723, G.729ab, G.711u-law/a-law; Voice Activity Detection (VAD), and the Confort Noise Generation (CNG).

Product	SIP PoE IP Phone
Model	VIP-150PT
Hardware	
WAN	1 x 10/100Mbps RJ-45 port (Power Over Ethernet 802.3af connection)
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	SIP 2.0 (RFC3261), SIP digest authentication (MD5),
Voice codec	G.723.1 (6.3k/5.3k), G.729A/B, G.711 (a-law/u-law)
Voice Standard	Voice activity detection (VAD)
	Comfort noise generation (CNG)
	Dynamic Jitter Buffer
Supplementary services	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	RFC-3261, TCP//IP, UDP/RTP/RTCP, HTTP, ICMP, ARP, DNS, DHCP, NTP/SNTP, FTP, PPP, PPPoE,NTP, FTP, PPP, PPPoE
Network and Configuration	
Access Mode	Static IP, PPPoE, DHCP
Management	Web, Keypad
Dimension (W x D x H)	170 mm x 220 mm x 60 mm
Operating Environment	0~40 degree C, 10~95% humidity
Power Requirement	12V DC
EMC/EMI	CE, FCC Class B

☐ ITSP solution:

VIP-150PT (with PLANET POE-150 connection) – SIP proxy - VIP-150PT (with PLANET POE-150 connection)

➤ **VIP-150PT**   Power over Ethernet SIP IP Phone (2 x RJ-45, IEEE 802.3af PoE)

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