

SIP IP Phone



Meeting the next-generation Internet telephony service demands, PLANET Technology provides feature-rich, toll-quality Internet telephony service solutions. The VIP-154T SIP IP phone is the cost-effective SIP IP Phone and SIP 2.0 (RFC3261) compliant with SIP digest authentication supports.

The VIP-154T features high-quality speakerphone technology, and includes an easy-to-use speaker on/off button and call hold, transfer, 3-way conference buttons for various voice services.

The VIP-154T has additional features such as built-in PPPoE/DHCP clients, password-protected machine management, LCD menu display, speed-dial 3-way conference keys, hands-free speakerphone, last number redial, incoming message indicator, and user-intuitive web administration system.

The VIP-154T is self-contained, service-integrated, intelligent phone features offering, and powerful voice processing power. The VIP-154T 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-154T is 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-154T can be performed in minutes via the LCD menu keypad, telnet, or web interfaces. Using the built-in LCD display, the VIP-154T offers user-friendly configuration guidelines, machine operation status, call status displays, and incoming call identification.

IP PBX system integration

- Via auto-config support for IPX-2000, no expertise required to establish your office voice network. The VIP-154T can help you to complete VoIP network deployment in minutes.

Feature-rich keypad IP Phone

- The VIP-154T integrates a high-quality speakerphone with the Call Hold, Forward, Transfer and Waiting functions and also provides advanced telephone features, such as 4 speed-dial keys, 3-way conference key, 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-154T can act as a PPPoE/DHCP client, automatically obtaining an IP address for Internet access.

Various field applications compliant

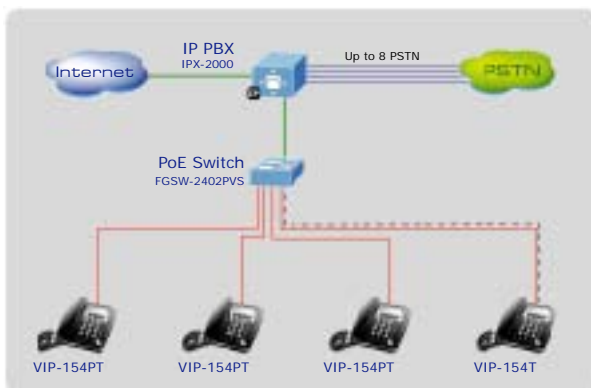
- The VIP-154T is capable of handling peer-to-peer and SIP proxy / IP PBX registration, authentication to interact with major IP PBX/SIP gateway/IP Phone in the market. The IP Phone offers the most flexibility and interoperability with PLANET and 3rd party VoIP vendors, allowing the deployment of both simple and complex VoIP networks such as ITSP, PC-to-Phone/Phone-to-PC or enterprise VoIP environments.

Standards compliant

- The VIP-154T 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 Comfort Noise Generation (CNG).

SPECIFICATION

Product	SIP IP Phone
Model	VIP-154T
Hardware	
LAN	1 x 10/100Mbps RJ-45 Port
PC	1 x 10/100Mbps RJ-45 Port
LCD Display	2 x 16 characters
Speaker	Full duplex hands free speaker phone
Protocols and Standard	
Standard	SIP 2.0 (RFC3261), MD5 for SIP authentication (RFC2069 / RFC 2617), SIP outbound proxy, SIP NAT Traversal Support STUN (RFC3489)
Voice Codec	
	G.711: 64k bit/s (PCM) G.723.1: 6.3k / 5.3k bit/s G.726: 16k / 24k / 32k / 40k bit/s (ADPCM) G.729A: 8k bit/s (CS-ACELP) G.729B: adds VAD & CNG to G.729
Voice Standard	
	Voice activity detection (VAD) Comfort noise generation (CNG) Acoustic echo canceller (AEC) G.165: Line echo canceller (LEC) Jitter Buffer
Supplementary Services	
	Caller ID 3-way conference Immediate (unconditional) call forwarding Busy call forwarding No answer calls forwarding Call Hold, Waiting, Transferring
Call History	
	Record incoming call Outgoing call Missed (not accepted) call history
Protocols	
	SIP v1 (RFC2543), v2 (RFC3261), TCP/IP, UDP/RTP/RTCP, HTTP, ICMP, ARP, RARP, DNS, DHCP, SNMP, PPPoE
Network and Configuration	
Access Mode	Static IP, PPPoE, DHCP
Management	Web, LCD menu keypad, Telnet, auto-config by IPX-2000, auto-provision by TFTP/FTP/HTTP
Dimension (W x D x H)	170 x 220 x 60 mm
Operating Environment	0~50 Degree C, 0~90% humidity
Power Requirement	12V DC
EMC/EM	CE, FCC Class B

APPLICATIONS
VIP-154T / IPX-2000 Integration

ORDERING INFORMATION

VIP-154T	SIP IP Phone (2 x RJ-45)
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