

# Multi-Language PoE IP Phone



The PLANET PoE IP Phone VIP-255PT is an ideal solution for office / home use as well as for Internet Telephony Service Provider (ITSP) IP telephony installation. The VIP-255PT is a SIP IP phone includes **2 voice lines, 4 soft-buttons** and compliant with IEEE 802.3af PoE to be able to obtain power via Ethernet cable. The built-in Graphic LCD of the VIP-255PT is with blue backlight and supports multiple languages on both LCD and webpage. The VIP-255PT is the IP voice services delivery platform that brings benefits from VoIP technologies in your daily life. The ITSP can diagnose and configure the phone remotely and thus reduce the cost of service.

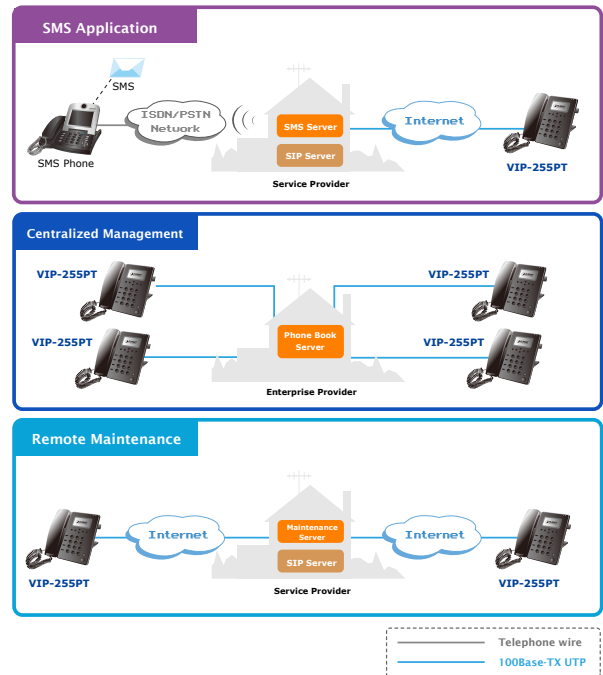
The VIP-255PT has add-on rich features including SMS and voice mail ...etc., which would increase ARPU for service providers. It also features self-contained, service-integrated, intelligent phone functions and powerful voice processing. The VIP-255PT can effortlessly deliver toll voice quality equivalent to the regular SIP Protocol connections by utilizing cutting-edge Quality of Service, echo cancellation, comfort noise generation (CNG) and voice compensation technologies. Meanwhile, the dual Ethernet interfaces on the IP Phone allow it to be installed in an existing network location without interfering with desktop PC network connections.

## KEY FEATURES

### PRODUCT FEATURES

- Compliant with SIP 2.0
- IEEE 802.3af PoE standard compliant
- Supports up to 2 service domains
- Multi-Language Function
- SMS (Short Message Service) Function
- 3-Way Conference / Caller ID
- Call Hold / Waiting / Transfer / Forward
- VAD / CNG / AEC / PLC / AJB /AGC
- Standard encryption and authentication
- Incoming / Outgoing / Missed Call record
- Auto-Provisioning / TR-069
- Web / Keypad management

## APPLICATIONS



**SPECIFICATION**

Product	<b>Multi-Language PoE IP Phone</b>
Model	<b>VIP-255PT</b>
<b>Hardware</b>	
LAN	1 x 10/100Mbps RJ-45 port (IEEE 802.3af Power over Ethernet compliant)
PC	1 x 10/100Mbps RJ-45 port
LCD display	Graphic LCD with blue backlight
Speaker	Full duplex hands free speaker phone
<b>Protocols and Standard</b>	
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) Packet loss concealment (PLC) Adaptive jitter Buffer(AJB) Automatic gain control (AGC)
Supplementary services	Caller ID 3-Way conference Immediate (unconditional) call forwarding Busy call forwarding No answer calls forwarding Call Hold/Waiting/Transferring
Call history	Incoming call Outgoing call Missed (unaccepted) call
Protocols/Features	SIP v1 (RFC2543), v2(RFC3261), TCP/IP, UDP/RTP/RTCP, HTTP, ICMP, ARP, RARP, DNS, DHCP, SNTP, PPPoE, and TR069
Standard	SIP 2.0 (RFC3261), MD5 for SIP authentication (RFC2069/ RFC 2617), SIP outbound proxy, SIP NAT Traversal Support STUN (RFC3489)
<b>Network and Configuration</b>	
Access Mode	Static IP, PPPoE, DHCP
Management	Web, LCD menu keypad, auto-provision and TR-069
Dimension (W x D x H)	184 x 200 x 48 mm
Operating Environment	0~50 Degree C, 10~95% humidity
Power Requirement	5V, 1.2A DC
EMC/EMI	FCC, CE Class B

**ORDERING INFORMATION**

VIP-255PT	Multi-Language PoE IP Phone (2 x RJ-45)
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