

# Multi-Language PoE IP Phone



Meeting the next-generation Internet telephony service demands, the PLANET VIP-255PT is an ideal solution for office / home use as well as installation for Internet Telephony Service Provider (ITSP). VIP-255PT is a SIP IP phone with 802.3af Power over Ethernet (PoE) LAN interface supported. The built-in Graphic LCD of the VIP-255PT is with blue backlight and support multi-language on both LCD and webpage. The VIP-255PT is the delivery platform for IP voice services that brings benefits from the VoIP technologies in your daily life. The ITSP can diagnose and configure the phone remotely and thus reduce the cost of service.

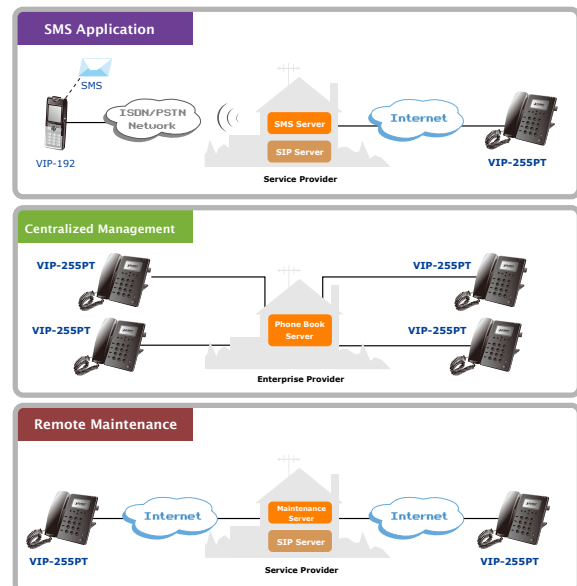
The VIP-255PT has additional rich features including support of Media push, SMS, news and voice mail and etc., which would increase ARPU for service providers. It also features self-contained, service-integrated, intelligent phone functions, and powerful voice processing. The VIP-255PT can effortlessly 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 technology. Meanwhile, the dual Ethernet interfaces on the IP Phone allow users to install in the existing network without interfering with desktop PC network connections.

## KEY FEATURES

### PRODUCT FEATURES

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

## APPLICATIONS



**SPECIFICATION**

<b>Product</b>	<b>Multi-Language PoE IP Phone</b>
<b>Model</b>	<b>VIP-255PT</b>
<b>Hardware</b>	
<b>LAN</b>	1 x 10/100Mbps RJ-45 port (IEEE 802.3af PoE compliant)
<b>PC</b>	1 x 10/100Mbps RJ-45 port
<b>LCD display</b>	Graphic LCD with blue backlight
<b>Speaker</b>	Full duplex hands free speaker phone
<b>Protocols and Standard</b>	
<b>Standard</b>	SIP 2.0 (RFC3261), MD5 for SIP authentication (RFC2069/ RFC 2617), SIP outbound proxy, SIP NAT Traversal Support STUN (RFC3489)
<b>Voice codec</b>	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
<b>Voice Standard</b>	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)
<b>Supplementary services</b>	Caller ID 3-way conference Immediate (unconditional) call forwarding Busy call forwarding No answer calls forwarding Call Hold/Waiting/Transferring
<b>Call history</b>	Record incoming call Outgoing call Missed (not accepted) call history
<b>Protocols/Features</b>	SIP v1 (RFC2543), v2 (RFC3261), TCP/IP, UDP/RTP/RTCP, HTTP, ICMP, ARP, RARP, DNS, DHCP, SNMP, PPPoE, and TR069
<b>Standard</b>	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>	
<b>Access Mode</b>	Static IP, PPPoE, DHCP
<b>Management</b>	Web, LCD menu keypad, auto-provision and TR-069
<b>Dimension (W x D x H)</b>	184 x 200 x 48 mm
<b>Operating Environment</b>	0~50 Degree C, 10~95% humidity
<b>Power Requirement</b>	5V, 1.2A DC
<b>EMC/EMI</b>	FCC, CE Class B

**ORDERING INFORMATION**

<b>VIP-255PT</b>	Multi-Language PoE IP Phone (2 x RJ-45)
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