SIP IP Phone

Cost-effective High Performance VoIP Phone

Supports the business to build high performance VoIP communications with low cost, PLANET now introduces the latest member of IP Phone family, the VIP-256T 2-Line Professional IP Phone. The VIP-256T makes it simple for the enterprise to integrate its voice and data systems or expand voice system to new locations. It helps the users to save expense on long distance calls; for example, the remote workers can dial in their headquarter office through an Unified VoIP Communication System just like an extension call but no long distance charge would occur. The VIP-256T also allows call transferring to anyone at any location easily within the voice system and therefore benefits the enterprise to streamline business processes through more effective communications.

Enhanced Full-Feature Business IP Phone

The VIP-256T is a full-featured enhanced business IP Phone that addresses the communication needs of the enterprises. It provides 2 voice lines and dual 10/100Mbps Ethernet ports. Furthermore, the VIP-256T delivers an user-friendly design containing a 128×32 Graphic LCD with white backlight, 2 Line keys, 4 soft keys, and 10 Multi-functional keys with dual-color LED for easy operation.
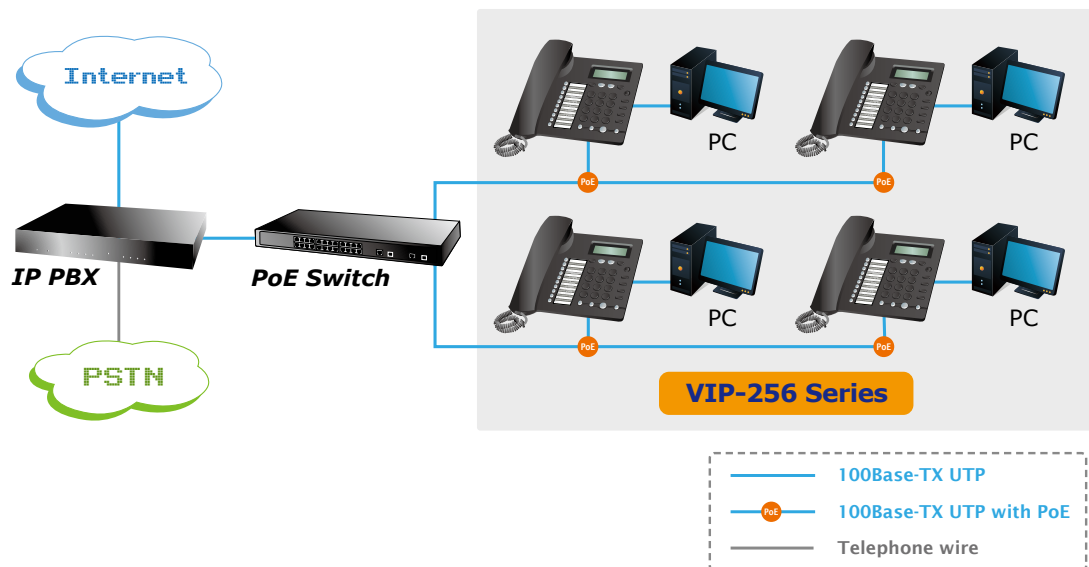
Secure High Quality VoIP Communication

The VIP-256T supports SIP v2 for quick integration with common voice over IP system. It can effortlessly deliver secured toll voice quality by utilizing cutting-edge 802.1p QoS (Quality of Service), 802.1Q VLAN tagging, and IP TOS technology.

Professional Application

The VIP-256T is a perfect delivery platform of IP voice service for business class communication services. The VIP-256T supports all kinds of SIP based phone feature including Call Waiting, Auto Answer, Music on hold,
Caller ID and Call Waiting ID, 3-Way Conference, Call Hold, Call Forwarding, Blacklist, Hotline, DTMF Relay, SIP INFO and etc. Besides for office application, the VIP-256T is also the ideal solution for VoIP service offered by Internet Telephony Service Provider (ITSP).

APPLICATIONS

KEY FEATURES

PRODUCT FEATURES

- Full-Featured enterprise SIP Desktop Phone
- Up to 2 Proxy server registrations
- 128x32 Graphic LCD with white back light
- Efficient installation deployment of IP PBX solution
- Reversible base stand and wall mount installation options

CALL FEATURES

- Auto Answer / Call Waiting / Caller ID and call waiting ID
- 3-way Conference / SMS Functions
- Support BLF(Busy Lamp Field)
- Phonebook / Black List
- Call log: redial list, answered calls and missed calls
- Full-duplex Speakerphone

- Call Transfer: Blind transfer and Attended transfer
- Call Mute ,Redial, Speed Dial, Pick up, Call park ,Dial Plan ,DND, Call Hold, Call Forwarding

MANAGEMENT

- SIP V2 (RFC 3261,3262,3263,3264)
- STUN (RFC 3489)
- HTTP Server for Web Management
- TFTP/HTTP/HTTPS for Auto Provisioning
- Message Waiting Indicator (RFC3842)
- IEEE802.1Q VLAN/802.1p and IP TOS
- TR069 / SNMPv2
- Volume Adjustment: Handset/Headset, Speaker and Ringer

SPECIFICATION

Product	SIP IP Phone (2 lines)
Model	VIP-256T
Camera Specification	
Internet Port	10/100M, Half or Full Duplex, Auto-Negotiation
PC Port	10/100M, Half or Full Duplex, Auto-Negotiation
Display	128×64 Graphic LCD with white backlight
Headset Jack	RJ-9
Function Keys	2 Line keys and 4 soft keys 12 Dialing Buttons (0~9, *, #) 10 Multi-functional key with dual-color LED
Protocols and Standard	
Standard	SIP V2 (RFC 3261, 3262, 3263, 3264) Backward compatible with RFC 2543 Session Timer (RFC 4028) SDP (RFC 2327) RTP / RTCP (RFC 1889 and RFC 1890) NAPTR for SIP URI Lookup (RFC 2915) STUN (RFC 3489) ARP / RARP (RFC 826/903) SNTP (RFC 2030) DHCP HTTP Server for Web Management TFTP / HTTP / HTTPS for Auto Provisioning Message Waiting Indicator (RFC 3842) DNS / DNS SRV (RFC 1706 and RFC 2782) IEEE 802.1Q VLAN / 802.1p and IP TOS
VPN Network	PPTP and L2TP encryption
Voice Code	G.711 (A-Law, μ-Law), G.729, G.723, G.722
Voice Standard	Adaptive Jitter Buffer Management Voice Activity Detection Comfort Noise Generation Echo Cancellation
Security	802.1p (QoS) User Authentication for configuration pages

Features

Call Features	2 lines Call Waiting Auto Answer Caller ID and Call Waiting ID 3-Way Conference Call Mute, Redial, Speed Dial, Pick up, Call park, Dial Plan, DND, Call Hold, Call Forwarding Call Transfer:blind transfer and attended transfer SMS Functions Supports BLF (Busy Lamp Field) Phonebook Blacklist Call log: redial list, answered calls and missed calls Full-Duplex Speakerphone Volume Adjustment: Handset, Headset, Speaker and Ringer
Application	MAC address cloning SIP proxy redundancy: dynamic via DNS SRV, A records Direct IP to IP calling NAT Traversal: Traversal by STUN Built-in NAT Router QoS with Layer 2 and Layer 3 DHCP Server and Client IP conflict detection

Features

Internet Connection Type	Fixed IP, DHCP, PPPoE
Management	LCD / Keypad UI Web (HTTP) Auto Provision (TFTP / HTTP / HTTPS)
Dimension (W x D x H)	191 x 205 x 75 mm
Operating Environment	0~50 Degree C, 10~90% humidity
Power Requirement	5V DC, 1A
EMC/EMI	FCC, CE

ORDERING INFORMATION

VIP-256T	SIP IP Phone (2-Line)

C-VIP-256T