

Professional Enterprise PoE IP Phone



Combining the cutting edge of Voice over IP and Internet telephony manufacturing experience, PLANET now introduces the latest member of **mainstream enterprise IP phone series**: the VIP-560PT, a **4-line professional PoE IP Phone**.

The VIP-560PT is the ideal choice for a business to deploy VoIP network by using IP PBX service. It provides 4 voice lines, dual 10/100 switched Ethernet ports and integrated IEEE 802.3af Power over Ethernet circuitry which offers benefit of reducing cabling expenses and cord clutter. To give users most flexibility, the VIP-560PT contains a 240 x 160 pixels graphic LCD with backlight, 4 soft keys, 10 fixed function keys and a 5-position navigation key.

The VIP-560PT Enterprise IP phone enables easy voice over IP communications and cost-effective VoIP deployment. It offers self-contained, service-integrated, and intelligent phone features. The VIP-560PT can effortlessly deliver toll voice quality equivalent to the regular VoIP/IP PBX connections utilizing cutting-edge Quality of Service (QoS) capabilities that encompass IP-TOS/ DiffServ, 802.1 p/q VLAN tagging, echo cancellation, comfort noise generation (CNG) and voice compensation technology. Meanwhile, the dual Ethernet interfaces on the IP phone allow itself to be installed in an existing network location without interfering with connections of desktop PC networks.

The VIP-560PT is also the streamlined wired IP telephone that provides standard features such as built-in PPPoE / DHCP clients, password-protected machine management, call hold, forwarding, mute, transfer, waiting, pickup, caller ID, speed-dial, 3-Way conference, last phone number redial, incoming message indicator, multiple call appearances and user-intuitive web administration system.

Besides for office use, the VIP-560PT is the ideal solution for VoIP service offered by Internet Telephony Service Provider (ITSP). It is a perfect delivery platform of IP voice services for business class communication services.

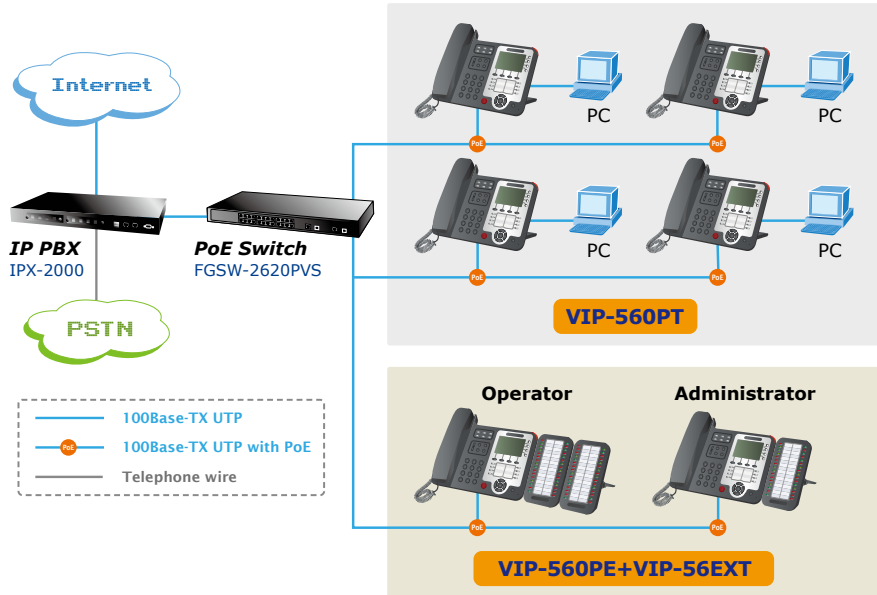
KEY FEATURES

PRODUCT FEATURES

- IEEE 802.3af (Power over Ethernet) compliant
- Full-featured enterprise SIP Desktop Phone
- Full duplex speakerphone (both Mic and Speaker)
- Large Pixel-based monochrome LCD (240 x 160 pixels) with backlight
- Efficient installation of IP PBX solution
- Reversible base stand and wall mount installation options

VOIP FEATURES

- SIP 2.0 (RFC3261) compliant
- Supports up to 4 service domains
- 8 programmable buttons
- Interoperability with leading PLANET IP PBX platforms
- Supports BLF (Busy Lamp Field), BLA (Bridged Line Appearance)
- Voice codec support: G.711(A-Law, u-Law), G.723.1, G.722, G.729A
- In-band, out-of-band DTMF Relay (RFC 2833) and SIP INFO
- 3-Way Conference / Caller ID / Speed Dial
- Call Hold / Mute / Forward / Transfer / Waiting
- Voice processing: VAD, CNG, AEC, Adaptive Jitter Buffer Management

APPLICATIONS
Enterprise IP PBX Deployment with VIP-560PT PoE IP Phone

SPECIFICATION

Product	Professional PoE IP Phone
Model	VIP-560PT
Hardware	
LAN	1 x 10/100Base-TX RJ-45 port (802.3af support)
PC	1 x 10/100Base-TX RJ-45 port
Display	240 x 160 pixels LCD with backlight
Headset Jack	RJ-11, 3.5 mm (Mic / Speaker separately)
Function Keys	4 x Line Buttons (Red LED) 4 x Soft Buttons 5 x Navigation Buttons 2 x Volume Buttons 8 x Programmable Buttons 12 x Fixed Function Buttons (Headphone, MUTE, Voice Mail, Service, Directory, Menu, Conference, Redial, Transfer, Hold, Speaker, Delete)
Protocols and Standard	
Standard	SIP 2.0 (RFC 3261) RTP (RFC 2833) STUN (RFC 3481) SNTP (RFC 2030) TCP/IP, UDP, HTTP, ICMP, DNS, NTP STUN (RFC 3481) Outbound Proxy
VPN Network	L2TP, IPSec encryption
Voice Code	G.711(A-law / μ -law), G.722, G.723.1 (6.3 Kbps / 5.3Kbps), G.729A
Voice Standard	Auto negotiation Acoustic echo cancellation for integrated speakerphone operations Voice activity detection Silence suppression Comfort noise generation Dynamic Jitter buffer Call Progress Tone Generation DTMF Support: In-band / Out-of-band DTMF (RFC 2833) / Out-of-band DTMF (SIP Info)
Security	802.1p (QoS) User Authentication for configuration pages Signaling encryption Media encryption