

Professional PoE IP Phone with Expansion Function



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-560PE, a 4-line professional PoE IP Phone with expansive function.

The VIP-560PE 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 power over Ethernet (802.3af) circuitry which offers benefit of reducing cabling expenses and cord clutter. To give users most flexibility, the VIP-560PE 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-560PE desktop phone enables easy voice over IP communications and cost-effective deployment. It offers self-contained, service-integrated, and intelligent phone features. The VIP-560PE 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, 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-560PE 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.

Furthermore, the VIP-560PE can enhance its power and flexibility by expanding the programmable buttons via connected Expansion Module, VIP-56EXT. The VIP-56EXT creates up to 192 programmable extensions when 6 VIP-56EXT are daisy chained with the VIP-560PE. The VIP-56EXT features 32 fully programmable buttons each with dual-color LED, connected to and controlled by the IP Phone with RJ-45 cable.

The VIP-156PE supports advanced functions for IP PBX including speed dial, BLF (Busy Lamp Field), BLA (Bridged Line Appearance) on each of the programmable buttons on the VIP-56EXT module. The VIP-56EXT is ideal for receptionists, call center agent, administrative assistances, executives and power users who need to monitor and manage a large volume of calls on a regular basis.

Besides for office use, the VIP-560PE 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

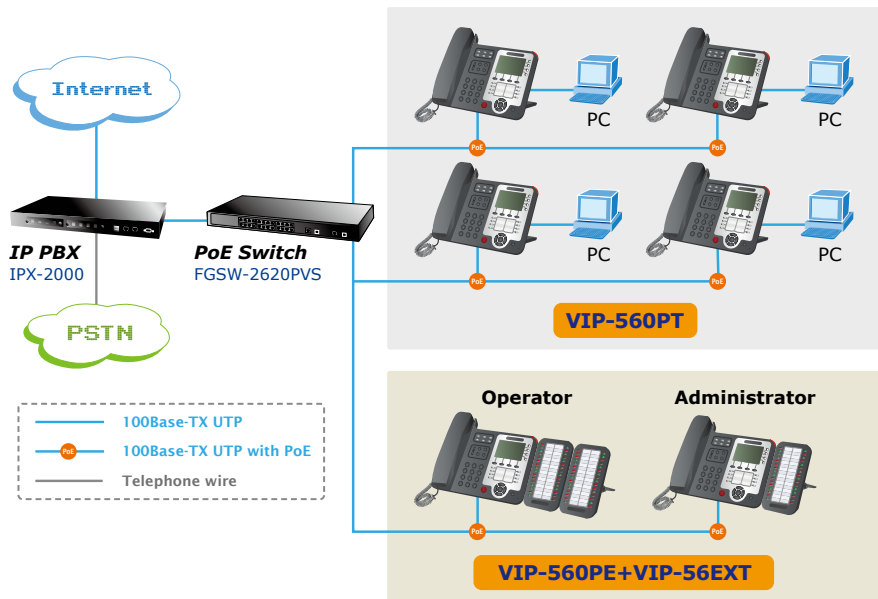
- IEEE 802.3af (Power over Ethernet) compliant
- Full-featured enterprise SIP Desktop Phone
- Full duplex speakerphone (both Mic and Speaker)
- Large Pixel-based monochrome LCD (240 x 160 pixels) with backlight
- Efficient installation of IP PBX solution
- Reversible base stand and wall mount installation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

VOIP FEATURES

- SIP 2.0 (RFC3261) compliant
- Supports up to 4 service domains
- 8 programmable buttons
- Supports up to 6 Expansion Module
- 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 : VIP-560PE with VIP-56EXT Expansion Module



SPECIFICATION

Product	Professional PoE IP Phone with Expansion Function
Model	VIP-560PE
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
Supports Expansion Module	Up to 6 x VIP-56EXT (192 programmable buttons)
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	
Video Encoder	MPEG-4 and M-JPEG simultaneously
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	User Authentication for configuration pages Signaling encryption Media encryption

Features

Call Features	Caller ID display Address Book Missed Calls Received Calls Placed Calls Date / Time Display Speed dial configuration (mapped to 8 speed dial key) Network Setting Time Zone Setting SIP port configurable RTP port configurable Call Forward: Busy Forward / No Answer Forward / Unconditional Forward Call Waiting Call Transfer Call Hold 3-Way Conference DND (Do Not Disturb) Multi-line Appearance / Registration (up to 4) Selectable Ring Tone Distinctive Ring by Group Name NTP Support LCM Contrast Adjustment BLF (Busy Lamp Field), BLA (Bridged Line Appearance)
Network and Configuration	
Internet Connection Type	Fixed IP, DHCP, PPPoE
Management	LCD / Keypad UI Web (HTTP) Auto Provision (TFTP)
Dimension (W x D x H)	254 x 205 x 87 mm
Operating Environment	0~50 Degree C, 10~90% humidity
Power Requirement	12V DC, PoE (IEEE 802.3af)
EMC/EMI	CE, FCC

Product	Expansion Module for VIP-560PE
Model	VIP-56EXT
Hardware	
Interface	2 x RJ-45 ports for data in and out
Programmable button	32
Dimension (W x D x H)	174 x 100 x 35 mm
Operating Environment	0~50 Degree C, 10~90% humidity

ORDERING INFORMATION

VIP-560PE	Professional Enterprise PoE IP Phone with Expansion Function
VIP-56EXT	32-key Expansion Module for VIP-560PE

RELATED PRODUCTS

VIP-560PT	Professional Enterprise PoE IP Phone
IPX-2000	Internet Telephony PBX system