Full Function 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-361PE, **a 5-line full function PoE IP Phone**.

Multiple Functional PoE VoIP Phone

The VIP-361PE is the ideal choice for a business to deploy VoIP network by using IP PBX service. It provides 5 voice lines, dual 10/100 switched Ethernet ports and integrates **IEEE 802.3af Power over Ethernet** circuitry to offer benefit of reducing cabling expenses and cord clutter. To give user friendly experience, the VIP-361PE contains a **128 × 64 Graphic LCD** with white backlight, 20 function keys / 20-position navigation key.

Full Enterprise Feature

The VIP-361PE 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-361PE can effortlessly deliver toll voice quality 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 VIP-361PE allow itself to be installed in an existing network without interfering with connections of desktop PC networks.

The Power of SIP

The VIP-361PE complies with the SIP 2.0 standard. It is also the streamlined wired IP telephone providing standard communication 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-361PE 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.

Expansion EXT model (Up to 240 programmable key)

The VIP-36EXT expansion module is designed to improve the power and flexibility of the VIP-361PE. The VIP-36EXT features **40 fully programmable buttons** in which each with **dual-color LED**, connected to and controlled by the IP Phone via RJ-11 cable. The VIP-36EXT creates up to **240 programmable extensions** when **6 extension modules** are daisy chained with the Enterprise IP Phone.

PLANET advanced Enterprise IP Phone supports the function for IP PBX such as speed dial, BLF (Busy Lamp Field) on each programmable button of the VIP-36EXT module. The VIP-361PE and the VIP-36EXT can perfectly perform as the VoIP operator system and is ideal for receptionists, call center agents, administrative assistances, executives and power users who need to monitor and manage a large volume of calls on a regular basis.
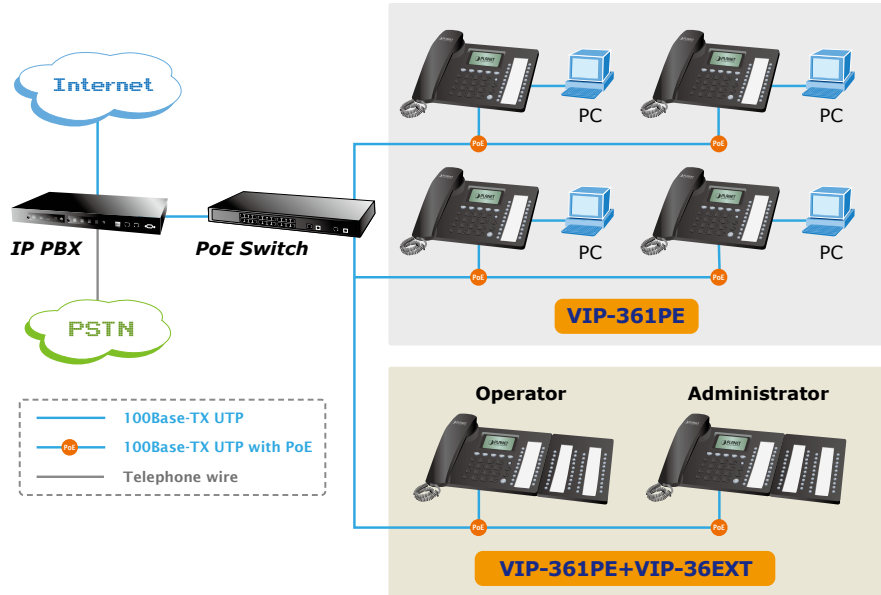
KEY FEATURES

PRODUCT FEATURES

- IEEE 802.3af Power over Ethernet compliant
- 128×64 Graphic LCD with white backlight
- Up to 5 service domains
- Supports BLF (Busy Lamp Field) / Black list
- Supports Customization Ring Tone / Daylight Saving Time
- Interoperability with leading PLANET IP PBX platforms
- TR069 / Auto Provisioning: TFTP, HTTP and HTTPS
- SMS (100 records), Call History (100 records), Phone book (100 records), Speed Dial (20 records)

Data Sheet

APPLICATIONS

Enterprise IP PBX Deployment with VIP-361PE PoE IP Phone and VIP-36EXT

SPECIFICATION

Product	Full Function PoE IP Phone
Model	VIP-361PE
Hardware	
Internet Port	10/100M, Half or Full Duplex, auto-negotiation Power over Ethernet 802.3af compliant
PC Port	10/100M, Half or Full Duplex, auto-negotiation
Display	128×64 Graphic LCD with white backlight
Headset Jack	RJ-22
Function Keys	5 Line-Keys and Soft key button 20 multi-functional key with dual-color LED 12 x Fixed Function Buttons (XFER, HOLD, CONF, MUTE/DEL, MSG, MENU, REDIAL, Hand free/headset)
Protocols and Standard	
Standard	SIPv2 (RFC 3261, 3262, 3263, 3264) Backward Compatible with RFC2543 Session Timer (RFC4028) SDP (RFC2327) RTP / RTCP (RFC1889 and RFC1890) NAPTR for SIP URI Lookup (RFC2915) 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 (RFC3842) DNS/DNS SRV (RFC1706 and RFC 2782)
VPN Network	PPTP and T2TP c encryption
Voice Code	G.711 (A-law /μ-law), G.722, G.723.1 (6.3 Kbps / 5.3Kbps), G.729 A/AB
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	Caller ID display Address Book Missed Calls Received Calls Placed Calls Date / Time Display Speed dial configuration (mapped to 20 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 20) NTP Support LCM Contrast Adjustment BLF (Busy Lamp Field)
Application	MAC: Address Cloning VPN: PPTP and T2TP DMZ Layer 2 QoS: 802.1Q / VLAN ID and 802.1p PRI Layer 3 QoS: SIP QoS, RTP QoS and Data QoS SIP proxy redundancy: dynamic via DNS SRV, A records Direct IP to IP calling NAT Traversal: Static NAT Route and Traversal by STUN Built-in NAT Router DHCP Server and Client IP conflict detection

Network and Configuration

Internet Connection Type	Fixed IP, DHCP, PPPoE
Management	LCD / Keypad UI Web (HTTP) Auto Provision (TFTP / HTTP / HTTPS)
Dimension (W x D x H)	230 x 168 x 81 mm
Operating Environment	0~50 Degree C, 10~90% humidity
Power Requirement	5V DC, IEEE 802.3af PoE
EMC/EMI	FCC, CE, RoHS

Product	Expansion Module for VIP-361PE
Model	VIP-36EXT

Hardware

Interface	2 x RJ-11 ports for data in and out
Power	DC 5V or connect with VIP-361PE
Programmable button	40
Dimension (W x D x H)	132 X 167 X 51 mm
Operating Environment	0~50 Degree C, 10~90% humidity

Protocols and Standard

VoIP Feature	Daisy-chain 6 modules for 240 programmable buttons 40 multi-functional key can be used as speed dial, BLF, shortcut Key, pick up, call park Supports Busy Lamp Field (BLF)

ORDERING INFORMATION

VIP-361PE	Full Functional PoE IP Phone

RELATED PRODUCTS

VIP-36EXT	40-key Expansion Module for VIP-361PE

C-VIP-361PE / VIP-36EXT

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