# Business PoE IP Phone

Combining the cutting edge of Voice over IP and Internet telephony manufacturing experience, PLANET now introduces the latest member of mainstream business series desktop IP phone family: the VIP-350PT.

To bring the most satisfaction to customers, the VIP-350PT is the ideal choice for a business to deploy by using IP PBX service. The standard features of the VIP-350PT include two-line, dual 10/100 switched Ethernet ports and integrated IEEE power over Ethernet (802.3af) circuitry for offering a choice of powering and cabling options to help reduce cabling expenses and cord clutter.

To give most flexibility to users, the VIP-350PT platform contains a 128 x 32 pixels graphic LCD with Back light, 4 softkeys, 8 fixed function keys and a 5-position navigation key. The PLANET VIP-350PT desktop phone is engineered to make Easy-to-install communications, cost-effective to deploy, self-contained, service-integrated, intelligent phone features offering and powerful voice processing power as possible.

The VIP-350PT can effortlessly deliver toll voice quality equivalent to the regular VoIP/IP PBX connections utilizing cutting-edge Quality of Service (QoS) capabilities to 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 users to install in an existing network location without interfering with connections of desktop PC networks.

The VIP-350PT has streamlined wired IP telephone that provides additional features such as built-in PPPoE/DHCP clients, password-protected machine management, call hold, forwarding, mute, transfer, waiting, pickup, caller ID, peed-dial, 3-way conference, last number redial, incoming message indicator, multiple call appearances and user-intuitive web administration system.

Besides, the VIP-350PT is the ideal solution for office use as well as installation for Internet Telephony Service Provider (ITSP) from leading vendors. It's the delivery platform for IP voice services that makes benefits from the VoIP technology in business communications services.

## KEY FEATURE

### Product Features

- Integrated 802.3af Power over Ethernet support
- Easy-to-read 128 x 32-pixel graphical LCD display
- Dual 10/100 switched Ethernet ports
- Two-line desktop phone for general business users
- Easy to configure and install
- Instant Message / Voice Mail Integration
- VLAN 802.1p/q / IP-TOS (IP Precedence) / DiffServ
- TFTP/HTTP for Auto Provisioning
- Full-duplex speakerphone / Dedicated RJ-9 headset port
- Reversible base stand / wall mount

### VoIP Features

- SIP 2.0 (RFC3261) compliant
- Supports up to 3 service domains
- Interoperability with leading PLANET IP PBX platforms
- Voice codec support: G.711(A-Law, u-Law), G.723.1, G.729 A/B
- In-band, out-of-band DTMF Relay (RFC 2833) and SIP INFO
- Three-way Conference / Caller ID / Speed Dial / Shared Line Appearance
- Call Hold / Mute / Pickup / Forward / Transfer / Waiting / Rejection / Screening
- Voice processing: VAD, CNG, AEC, Adaptive Jitter Buffer Management

## BENEFITS

### Product Benefits

- Full-Featured business SIP Desktop Phone
- Easy-to-read and configuration via large LCD screen
- Efficient installation and deployment of PLANET IP PBX solution for business users

## SPECIFICATION

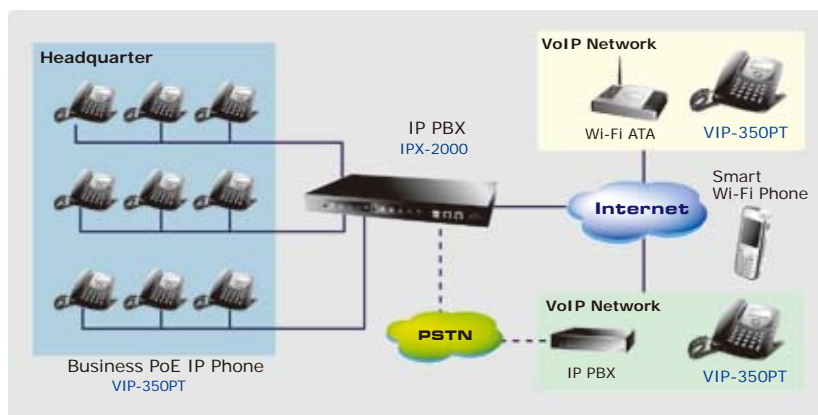| Product | Business PoE IP Phone |
|---|---|
| **Model** | VIP-350PT |
| **Hardware** | |
| **LAN** | 1 x 10/100 Base-TX RJ-45 port (802.3af support) |
| **PC** | 1 x 10/100 Base-TX RJ-45 port |
| **Display** | 128 * 32-pixels LCD with Back Light |
| **I/O Interfaces** | 1 x RJ-9: Handset Connector, 2 x Phone Jack: Headset Connector, Embedded MIC/SPEAKER |
| **Function Keys** | 8 x Fixed Function Buttons (Hold, Speaker, VM, Transfer, Redial, Mute, Menu, SPD), 2 Red LED (VM, Mute), 1 Green LED (Speaker)<br>4 x Soft Buttons<br>5 x Navigation Buttons<br>2 x Volume Buttons |
| **Protocols and Standard** | |
| **Standard** | SIP 2.0 (RFC3261), Session Timer (RFC4028), SDP (RFC 2327), RTP/RTCP (RFC2833 and RFC3551), NARTP for SIP URI Lookup (RFC2915), STUN (RFC 3489), ARP/RAPP (RFC826/903), SNTP (RFC2030), Message Waiting Indicator (RFC3842), DHCP Option Codes for SIP (RFC3361) |
| **Voice Codec** | G.711(A-law/μ-law), G.729 A/B, G.723.1 (6.3 Kbps / 5.3Kbps) |
| **Voice Standard** | VAD (Voice Activity Detection)<br>CNG (Comfort Noise Generation)<br>AEC (Acoustic Echo Cancellation)<br>In-band, out-of-band DTMF Relay (RFC 2833) and SIP INFO<br>Adaptive Jitter Buffer Management |
| **Protocols** | TCP/IP, UDP/RTP/RTCP, HTTP, ICMP, ARP, DNS, DHCP, NTP/SNTP, PPP, PPPoE, VLAN 802.1p/q, IP-TOS/DiffServ |
| **Applications** | Instant Message, Voice Mail Integration, NAT Traversal (Static NAT Route/Traversal by STUN and UPnP) |
| **Features** | |
| **Call Features** | 3-way Conference, Auto Answer/Redial, Call History (20 Most Recently Missed/ Received/ Dialed Calls), Call Hold/Forwarding/Mute/Pickup/Progress Tone/Rejection/Screening/Transfer/Waiting, Caller ID, CLIP/CLIR, Do Not Disturb (DND), Hotline, Phone Locked, Presence, Redial, Shared Line Appearance, Speed Dial, Address Book (100Entries) |
| **Network and Configuration** | |
| **Management** | Web/LCD Menu-drive/Telnet Management Interface/Auto Provisioning |
| **Dimension (W x D x H)** | 210 mm x 190 mm x 86.4 mm |
| **Operating Environment** | 0~40 Degree C, 0~95% humidity |
| **Power Requirement** | 12V DC |
| **EMC/EMI** | CE, FCC |

## APPLICATIONS



## ORDERING INFORMATION

| | |
|---|---|
| *VIP-350PT* | Business PoE IP Phone (2 x RJ-45, 802.3af PoE) |

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