

# Enterprise PoE IP Phone



PLANET continues to bring innovation to the Voice over IP communications market with cutting edge products and Internet telephony manufacturing experience. PLANET now introduces the latest member of mainstream enterprise series 4-line desktop PoE IP phone family: the VIP-351PT.

The standard features of the VIP-351PT includes 4-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-351PT platform contains a 128 x 64 pixels graphic LCD with Back light, 4 Line keys, 4 soft-buttons, 5 speed dials, 7 fixed function keys and a navigation key. The PLANET VIP-351PT 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-351PT can effortlessly deliver toll voice quality equivalent to the regular VoIP / IP PBX connections utilizing cutting-edge 802.1p QoS (Quality of Service) capabilities to encompass, 802.1q 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-351PT 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, speed-dial, 3-way conference, last number redial, incoming message indicator, multiple call appearances and user-intuitive web administration system.

## KEY FEATURES

### PRODUCT FEATURES

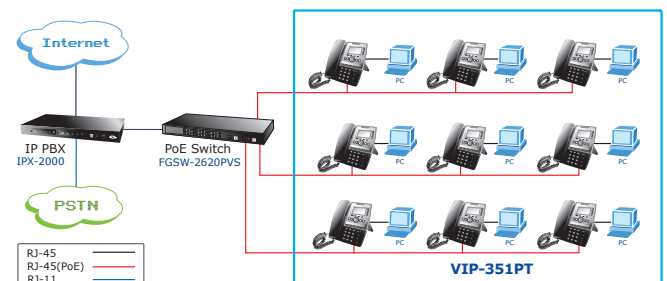
- IEEE 802.3af Power-over-Ethernet
- Full-Featured enterprise SIP Desktop Phone
- 802.1p (QoS) / 802.1q (VLAN)
- Full duplex speakerphone (mic and speaker)
- Pixel-based monochrome LCD (128 x 64) with backlight
- Efficient installation deployment of IP PBX solution
- Reversible base stand / wall mount

### VOIP FEATURES

- SIP 2.0 (RFC3261) compliant
- Supports up to 4 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
- Call Hold / Mute / Forward / Transfer / Waiting
- Voice processing: VAD, CNG, AEC, Adaptive Jitter Buffer Management

## APPLICATIONS

### VIP-351PT Enterprise PoE IP Phone Solution for IP PBX Deployments



**SPECIFICATION**

Product	<b>Enterprise PoE IP Phone</b>
Model	<b>VIP-351PT</b>
<b>Hardware</b>	
WAN	1 x 10/100 Base-TX RJ-45 port (802.3af support)
PC	1 x 10/100 Base-TX RJ-45 port
Display	128 * 64-pixels LCD with Back Light
Function Keys	4 x Line Buttons (Green LED) 4 x Soft Buttons 2 x Navigation Buttons 2 x Volume Buttons 5 x Hot Line Buttons 7 x Fixed Function Buttons (DND, MENU, SELECT, MESSAGE (Green LED), MUTE (RED LED), SPEAKER (Green LED))
<b>Protocols and Standard</b>	
Standard	SIP 2.0 (RFC 3261) RTP(RFC 2833) STUN (RFC 3481) UPnP (TBD) SNTP (RFC 2030) TCP/IP, UDP, HTTP, ICMP, DNS, NTP STUN (RFC 3481) UPnP (TBD) Outbound Proxy
Voice Code	G.711(A-law / $\mu$ -law), G.729 A/B, G.723.1 (6.3 Kbps / 5.3Kbps) Auto negotiation Acoustic echo cancellation for integrated speakerphone operations Voice activity detection
Voice Standard	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) 802.1q (VLAN) Class of Service (VLAN tag or TOS) Full Range VLAN ID Support
<b>Features</b>	
Call Features	Caller ID display Address Book (50) Missed Calls (10) Received Calls (10) Placed Calls (10) Date / Time Display Speed dial configuration (mapped to 5 speed dial key) Network Setting Time Zone Setting Call Flash (via Soft Key) 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 XML Configuration

**Network and Configuration**

<b>Internet Connection Type</b>	Fixed IP, DHCP, PPPoE LCD / Keypad UI Web (HTTP)
<b>Management</b>	Remote Software Upgrade (TFTP/FTP) Auto Provision (TFTP)
<b>Dimension (W x D x H)</b>	218 mm x 195 mm x 80 mm
<b>Operating Environment</b>	0~45 degree C, 0~95% humidity
<b>Power Requirement</b>	5 V DC
<b>EMC/EMI</b>	CE, FCC

**ORDERING INFORMATION**

VIP-351PT	Enterprise PoE IP Phone
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