802.11b/g Functional Wi-Fi Phone

Based on years of VoIP manufacturing experiences, PLANET Technology introduces the 802.11b/g Functional Wi-Fi Phone, VIP-193, to offer a portable Wireless Voice over IP (WVoIP) solution. The VIP-193 is a cost-effective, easy-to-install and simple-to-use mobile phone that unleashes your voice communications free from wire.

It is ideal for the enterprises and SOHO users to enjoy toll-quality voice communication services via the existing WLAN network or Internet access in daily routine communications. When the VIP-193 is connected to the Internet and access to Internet Explorer, it allows users to use the SKYPE Talk / Text messages service or calling anyone anywhere in the world.

The VIP-193 can cooperate with PLANET Wireless Access Points devices to form a perfect solution for Voice over Wireless applications. With flexible support for PLANET IP PBX systems or existing VoIP systems, the VIP-193 allows users to make or receive phone calls in the coverage of 802.11b/g wireless environment and offers toll-quality voice communication services via the existing SIP-based call servers and various VoIP client devices.
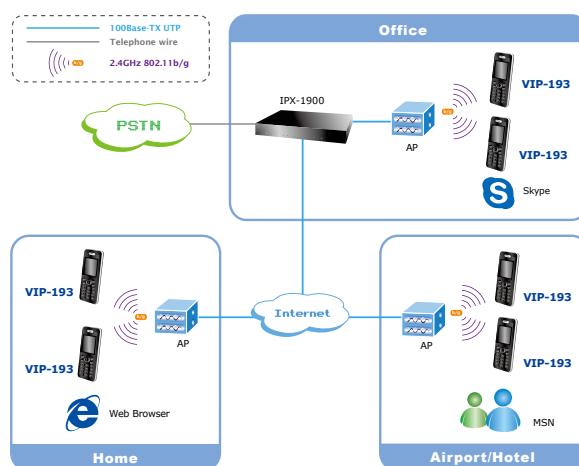
KEY FEATURES

PRODUCT FEATURES

- Cost effective, field proven compatibility and stability
- IEEE 802.11 b/g compliant
- MSN and Skype installed
- WEP, WPA-PSK Encryption
- 2.2" color graphical display with backlight LCD
- Web-based and LCD menu machine configuration
- Standby time 60 hours; talking time 3 hours

VOIP FEATURES

- SIP 2.0 (RFC 3261) compliant
- SIP Outbound Proxy / STUN Server support
- Voice codec support: G711, G.729
- Caller ID Display / Redial / Built-in Phone Book
- Call Hold / Mute / Transfer / 3-Way Conference
- Voice processing: VAD, G.168, Jitter buffer

APPLICATIONS

SPECIFICATION

Product	802.11b/g Functional Wi-Fi Phone
Model	VIP-193
Hardware	
WLAN	IEEE 802.11b/g
Security	Embedded Web configuration interface (with password protection) AES or SSL Encryption WEP 64/128 bit Encryption WPA-PSK Encryption
Data Rate	1, 2, 5.5, 6, 11, 12, 22,24,54 Mbps
Operating Frequencies	USA/Canada: 11 channels Europe: 13 channels Band: 2.412 ~ 2.484 GHz
LCD Display	2.2 inch Color LCD, 240 * 320 pixel, 65536 colors, LED Backlight
Protocols and Standard	
Standard	IETF SIP 2.0 (RFC3261), STUN (RFC 3489)
Voice codec	G.711µ-law / G.711a-law, G.729
Voice Standard	Voice activity detection (VAD) G.168 Echo Cancellation Jitter buffer
Protocols	IP / TCP / UDP / DHCP / RTP / RTCP / ICMP / HTTP / SNTP / DNS
Functions	
Call Features	Call Hold / Mute / Transfer / 3-Way Conference Caller ID Display / Redial In band DTMF / Out-of-band DTMF(RFC 2833)
Phone Functions	Ring tone / Vibrator switch Auto Key Lock Handset / Ring Volume adjustment Speed dial (9 records) Phone book (250 records) Call history (Missed / Received / Dialed calls) Multiple Language Support (English / Spanish / French / German)
Advanced Applications	IE Browser Supported MSN and SKYPE installed
Network and Configuration	
Access Mode	Static IP, DHCP
Dial Methods	IP call without SIP registration Dial registered number via SIP server Peer-to-Peer Dialing
Management	Key & LCD configuration Web browser configuration
Dimension (W x D x H)	45 x 105 x 19 mm
Operating Environment	0~45 degree C, 10~85% humidity
Power Requirement	3.7V, 1250mA (Li-Polymer); one mini-USB connector for charger
External Interface	One Stereo Ear Phone Jack
EMC/EMI	CE, FCC Part 15 Class B

ORDERING INFORMATION

VIP-193	802.11b/g Functional Wi-Fi Phone

RELATED PRODUCTS

IPX-1900	Internet Telephony PBX System
IPX-300	Internet Telephony PBX System
IPX-300W	Wi-Fi Internet Telephony PBX System

03-09   C-VIP193