

## IEEE 802.11b/g SIP Wi-Fi Phone



Based on years of VoIP manufacturing experiences, PLANET Technology VoIP total solutions are known for advanced implementation of standards based telephony with mass deployment capability.

Cost-effective, high-quality wireless voice over IP (WVoIP) service, the portable WVoIP solution – 802.11b and g SIP Wi-Fi Phone – VIP-192, a mobile phone that unleash your voice communications free from wire.

The PLANET VIP-192 includes a large, full-color high resolution LCD screen menu or web browser intuitive user interface enabling users to easily and quickly configure the Wi-Fi Phone. The Wi-Fi Phone also supports several other convenient calling features including peer-to-peer dialing, SIP proxy dialing, speed dial, call waiting, call transfer, call forward provide the convenience and functional voice communications. Plus the call history, redial, mute, hold, retrieve, address book entries, caller ID numbers, SMS and e-mail functions for you doing the best work from where you choose.

Compatible with IEEE 802.11b/g wireless standard and developed to support open standard Session Initiation Protocol (SIPv2), the VIP-192 is ideal for the daily office communications. Combining PLANET Wireless Access Points devices is a perfect solution for Voice over Wireless applications. With Flexible support for the latest PLANET IP PBX systems and existing VoIP systems. It allows users to make or receive phone calls as long as they are in the coverage of 802.11b/g wireless environment to offer toll-quality voice communication services via the existing SIP-based call servers, and various VoIP client devices.

### KEY FEATURE

#### Product Features

- Cost effective, field proven compatibility, and stability
- IEEE 802.11 b/g compliant
- WEP, WPA, and WPA2 Encryption
- 1.8" color graphical display with backlight LCD
- Web-based and LCD menu machine configuration
- Calendar / Calculator / SMS / E-mail / Voice Mail support
- Standby time 70 hours in power save mode; talking time 4 hours

#### VoIP Features

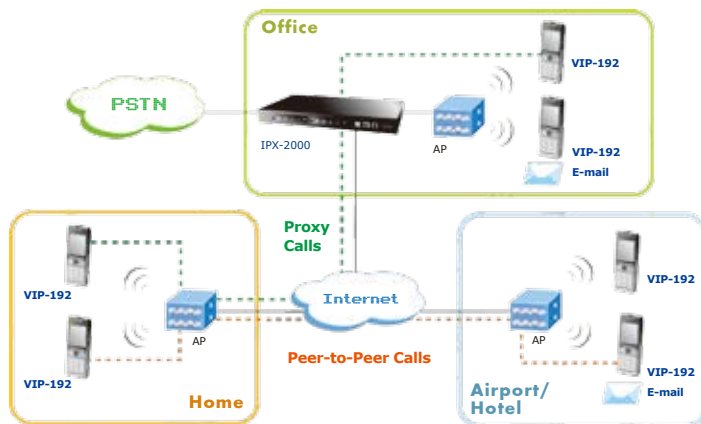
- SIP 2.0 (RFC 3261) compliant
- SIP STUN Server /JnPP support
- Peer-to-Peer / SIP proxy calls
- Voice codec support: G711, G723.1, G.729a/b
- Caller ID Display / Redial / Built-in phone book
- Call Hold / Mute / Retrieve / Transfer / Waiting / Call Forward (Busy / No Answer / Unconditional)
- Voice processing: Voice Active Detection (VAD), Comfort noise generation (CNG), Acoustic Echo Cancellation (AEC), G.168, Jitter buffer

**SPECIFICATION**

Product	IEEE 802.11b/g SIP Wi-Fi Phone
Model	VIP-192
<b>Hardware</b>	
WLAN	IEEE 802.11b/g
Security	HTTP 1.1 basic/digest authentication for Web setup MD5 for SIP authentication (RFC 2069 / RFC 2617) IEEE 802.1x, WEP 64/128 bit encryption, WPA, WPA2 (IEEE 802.11i)
Data Rate	1, 2, 5.5, 6, 11, 12, 22, 24, 54 Mbps
Operating Frequencies	USA/Canada: 2.412 GHz - 2.462 GHz (11 channels) Europe: 2.412-2.472 GHz (13 channels) Japan: 2.412-2.472 GHz and 2.484 GHz (14 channels)
LCD Display	1.8 inch Color LCD, 176 * 220 pixel, 65536 colors, LED Backlight
<b>Protocols and Standard</b>	
Standard	IETF SIP 2.0 (RFC3261), STUN (RFC 3489), UPnP
Voice codec	G.711μ-law / G.711a-law, G723.1, G.729a/b
Voice Standard	Voice activity detection (VAD), Comfort noise generation (CNG), Acoustic Echo Cancellation (AEC), G.168, Jitter buffer
Protocols	IP / TCP / UDP / DHCP / RTP / RTCP / ICMP / HTTP / SNTP / TFTP / DNS
<b>Functions</b>	
Call Features	Call Hold / Mute / Retrieve / Transfer / Waiting Call Forward (Busy / No Answer / Unconditional), Caller ID Display / Redial Anonymous Call / Anonymous Call Blocking In band DTMF / Out-of-band DTMF(RFC 2833) / SIP INFO, Message Waiting Indicator
Phone Functions	Ring tone/Vibrator switch, Key lock, Pre-dial before sending Handset / Ring Volume adjustment, Speed dial (10 records) Phone book (200 records), Call history (Incoming calls / Outgoing calls / Missed calls)
Advanced Applications	Calendar / Calculator / SMS / E-mail / Voice Mail
<b>Network and Configuration</b>	
Access Mode	Static IP, DHCP
Dial Methods	IP call without SIP registration, Dial registered number via SIP server, URI call by phone book / speed dial
Management	Key & LCD configuration, Web browser configuration
Dimension (L x W x H)	105 x 45 x 19 mm
Operating Environment	0~40 degree C, 20~80% humidity
Power Requirement	3.7V, 1400mA (Li-Polymer); one mini-USB connector for charger
EMC / EMI	CE, FCC Part 15 Class B

**APPLICATIONS**

VIP-192 for Peer-to-Peer / SIP Proxy Calls Application



**ORDERING INFORMATION**

VIP-192	IEEE 802.11b/g SIP Wi-Fi Phone
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