

802.11g SIP DECT VoIP Router



Combining cutting edge Internet telephony and router manufacturing experience, PLANET proudly introduces the latest member of the PLANET VoIP gateway family: the VIP-462DG.

To bring the most satisfaction to customers, the VIP-462DG, not only provides high quality voice communications, wired/wireless Internet sharing capabilities, but also offers DECT interface for daily wireless telephony communications. With advanced router/firewall and VoIP DSP processor technology, the VIP-462DG is able to make calls via SIP proxy voice communications, plus the IP sharing, QoS, and the SPI firewall mechanism. The VIP-462DG is the ideal choice for Voice over IP communications and integrated Internet sharing for the daily tasks. To bring the users most flexibility, the add-on RJ-11 interface for PSTN connection, users not only can make the daily PSTN communication, but also enjoy the convenience brought by VoIP communications.

With built-in DECT & GAP Compatible base, up to 5 DECT handset can be registered on the VIP-462DG. The pan European users can be benefit from the DECT interface, voice communications can be established from everywhere in the living space. The PLANET VIP-462DG comes with an intuitive, user-friendly, yet powerful web management interface, no expertise required for the VoIP communications.

KEY FEATURE

Firewall/Security Features

- Built in NAT firewall, DoS (Denial of Service) protection
- QoS mechanism to ensure the voice quality
- SPI (Stateful Packet Inspection) firewall
- Policy-based LAN/WAN access control
- Virtual server, DMZ,
- Remotes administrator authentication
- Scheduled access control

VoIP Features

- SIP 2.0 (RFC3261) compliant
- SIP proxy calls
- Voice codec support: G.711, G.723.1A, G.729A
- Voice processing: Voice Active Detection, DTMF detection/generation, G.168 echo cancellation (16mSec.), Comfort noise generation, Call progress detection, Gain Control
- PSTN lifeline for emergency calls

DECT Features

- DECT & GAP Compatible
- Base can register up to 5 Handsets
- Intercom call during external call, Call transfer between handsets, three-way telephone meeting
- CID 50 locations
- Redial memory: 3 locations, 20 digits
- Adjustable ringer volume & melody
- 100 hours standby time, 10 hours talk time
- Hands-Free, Mute function
- Call duration time meter
- Transmission distance: up to 50M indoor/up to 300M outdoor

SPECIFICATION

Product **802.11g SIP DECT VoIP Router**

Model	VIP-462DG
Hardware	
WAN	1 x 10/100Mbps RJ-45 port
PC	4 x 10/100Mbps RJ-45 port
WLAN	IEEE 802.11b / 802.11g compatible
PSTN	1 x RJ-11 connection
Phone	1 x RJ-11 connection
DECT	1 x DECT GAP compatible base
Protocols and Standard	
Standard	SIP 2.0 (RFC3261)
Voice codec	G.723.1 (6.3k/5.3k), G.729A, G.711 (A-law/U-law)
Voice Standard	Voice activity detection (VAD) Comfort noise generation (CNG) Dynamic Jitter Buffer
Supplementary services	Call transferring between DECT handsets
Protocols	RFC3261, TCP/IP, UDP/RTP/RTCP, HTTP, ICMP, ARP, DNS, DHCP, NTP/SNTP, FTP, PPP, PPPoE
Internet features	Built in NAT firewall, DoS (Denial of Service) protection QoS bandwidth management SPI (Stateful Packet Inspection) firewall Policy-based LAN/WAN access control Virtual server, DMZ, Remote administrator authentication
WLAN features	64/128 bit WEP, WPA
Network and Configuration	
Access Mode	Static IP, PPPoE, DHCP
Management	Web
Dimension (W x D x H)	237x 135 x 36 mm
Operating Environment	0~40 degree C, 10~95% humidity
Power Requirement	12V DC
EMC/EMI	CE, FCC Class B

Model	DCT-100 Specifications
Frequency	DECT ETS 301 444 (GAP) Compliance-1880 to 1895 MHz
Range	Indoor: 50M, outdoor: 300M
LCD display	5 x 7 dot matrix / 12-Digits 2 line / 11 Symbols
Power requirement	Ni-Mh battery (AAA, 1.25V, 550mA) x 3
Operation time	100 Hours Standby Time & 8 Hours Talk Time
Phonebook	50 entries

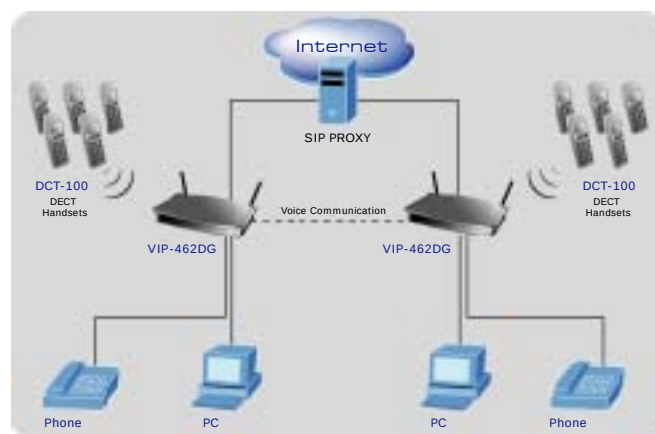
APPLICATIONS

With the PLANET VIP-462DG multiple functions, residential users are able to get connected through 11g Wireless, or Wired UTP to the Internet for digital data e.g. Web browsing, Email, FTP, on-line gaming, etc. and also voice connected wirelessly through DECT or wired analog phone, just through the same box.

Up to 5 DECT registrations make the VIP-462DG operates like a small home PBX that makes the internal PSTN calls to reach each other locally or the relatives/friends abroad through VoIP. 54Mbps 11g AP also helps your home connect to the Internet wirelessly.

Supporting SIP2.0 (RFC3261) and STUN features, the VIP-462DG helps the ITSP/ISP, or Telecom provider a way to provide the residential users cost effective alternative to make the calls lower.

The service provider offers the phone numbers while home users makes the long distance calls, international calls same or lower cost versus local calls. PSTN port and also PSTN life line make the user calls on their own choice, on the other hand, for emergency case if power break down.



ORDERING INFORMATION

VIP-462DG	802.11g SIP DECT VoIP Router (1 x WAN, 4 x LAN, 802.11g WLAN, 2 x RJ-11, DECT)
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DCT-100	DECT handset
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