

DECT VoIP Phone



With years of Internet telephony and VoIP manufacturing experience, PLANET now introduces the newest member of the PLANET DECT (Digital Enhanced Cordless Telecommunications) Station VoIP Phone family: the VIP-321.

As a direct response to feedback from our customers, PLANET's new DECT VoIP Phone, the VIP-321, not only provides quality voice communications and Internet sharing capabilities with other LAN users but also offers DECT interface for daily cordless telephony communications.

With advanced DSP processor and cutting edge of VoIP technology, the PLANET VIP-321 is capable of handling VoIP telephony into cordless transmission and up to 3 registrations to the SIP proxy. The VIP-321 is able to make calls to either Peer-to-Peer or voice communication in SIP proxy mode environment. The VIP-321 is the ideal choice for Voice over IP communications and providing integrated Internet sharing features, such as DHCP server, Virtual server and DMZ support. With these features, users may now enjoy high quality voice calls and secure Internet access without interfering with routine activities. To bring the most flexibility to users with 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 and compatible base of GAP, up to 5 DECT handsets can be registered on the VIP-321. The pan-European users can get benefit from the DECT interface, and the voice communications can be established from anywhere in the living space. The PLANET VIP-321 comes with an intuitive, user-friendly and powerful web management interface so that users can enjoy the ease-of-use and no expertise required for the VoIP communications.

KEY FEATURE

Product Features

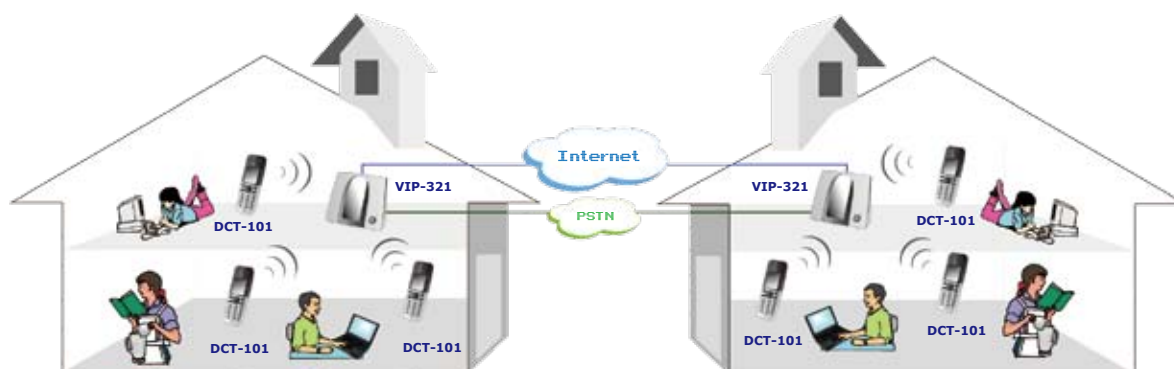
- Feature-rich telephone service over home or public areas with Internet/Intranet connection
- Cost effective, field proven compatibility and stability
- SIP 2.0 (RFC3261) Compatible
- Peer-to-Peer / SIP proxy calls
- Up to 5 DECT Handset registering
- Voice codec support: G.711, G.723.1, G.729A/G.729B
- In-band and out-of-band DTMF support
- Call forward, call transfer and call waiting support
- Three-way conference calls and caller ID display support
- Voice processing: Voice Active Detection, DTMF detection/ generation, G.168 echo cancellation (16mSec.), Comfort noise generation,

DECT Features

- DECT and GAP Compatible
- 1.5" color LCD with backlight
- Phonebook with up to 250 entries
- 100 hours standby time, 8 hours talk time
- 12 Polyphonic ring tones and 3 ring melodies
- Transmitted distance: up to 50~200m indoor / up to 300m outdoor

SPECIFICATION

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| Product | DECT VoIP Phone |
| Model | VIP-321 |
| Hardware | |
| WAN | 1 x 10/100Mbps RJ-45 port |
| LAN | 1 x 10/100Mbps RJ-45 port |
| DECT | 1 x DECT GAP compatible base |
| Protocols and Standard | |
| Standard | SIP 2.0 (RFC3261), SIP Outbound proxy, STUN (RFC 3489) |
| Voice Codec | G.723.1 (6.3k/5.3k), G.729A/B, G.711 (A-law/U-law) |
| Voice Standard | Voice activity detection (VAD) Comfort noise generation (CNG) Acoustic echo canceller (AEC) G.165: Line echo canceller (LEC) Jitter Buffer |
| Supplementary Services | Call transferring between DECT handsets |
| Protocols | RFC-3261, TCP/IP, UDP/RTP/RTCP, HTTP, ICMP, ARP, DNS, DHCP, NTP/SNTP, FTP, PPP, PPPoE |
| Internet Features | Built in NAT/DHCP Server and QoS mechanism |
| Network and Configuration | |
| Access Mode | Static IP, DHCP, PPPoE |
| Management | Web |
| Dimension (W x D x H) | 128 x 110 x 60 mm |
| Operating Environment | 0~40 degree C, 10~95% humidity |
| Power Requirement | 6V DC |
| EMC / EMI | CE, FCC Class B |

APPLICATIONS
VIP-321 Communications (VoIP / PSTN Solution)

ORDERING INFORMATION

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| VIP-321 | DECT VoIP Phone (2 x RJ-45, DECT, 1 x RJ-11) |
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