

## DECT VoIP phone VP600



### Network Protocol

- MAC Address ( IEEE 802.3)
- IPv4 – Internet Protocol Version 4 (RFC 791)
- ARP – Address Resolution Protocol
- DNS Client – A Record (RFC 1706), SRV Record (2782)
- DHCP Client – Dynamic Host Configuration Protocol (RFC 2131)
- DHCP Server – DHCP Option and BOOTP Vendor Extensions (RFC 2132)
- ICMP – Internet Control Message Protocol (RFC 792)
- TCP – Transmission Control Protocol (RFC 793)
- UDP – User Datagram Protocol (RFC 768)
- RTP – Real Time Protocol (RFC 1889) (RFC 1890)
- RTCP – Real Time Control Protocol (RFC 1889)

- TOS – Type of Service (RFC 791/1394)
- SNTP – Simple Network Time Protocol (RFC 2030)
- RARP – Reverse Address Resolution Protocol
- TFTP Client
- PPPoE Client
- Telnet
- HTTP Server

## **DECT Feature**

- FSK and DTMF dual mode CLIP (Calling Line Identification Presentation)
- Stores up to 50 calling numbers, up to 16 digits for each number
- Stores up to 10 last dialed numbers, up to 24 digits for each number
- Stores up to 50 phonebook numbers, up to 12 characters for each name and 16 digits for each number
- LCD displays calling and dialing number
- Key lock setting
- Direct call setting
- Call transfer of external calls (when using two or more handsets)
- Internal calls
- Three-way conference call
- Ringer melody adjusting ( up to 9 kinds )
- Ringer volume adjusting ( up to 9 levels )
- Handset receiving volume setting (up to 9 levels)
- Silence and microphone mute functions
- Talk time display
- Deleting single or all records in phonebook
- Redialing and preparation dialing functions
- Page on base unit to look for the handset easily
- Clicking Key tone on or off
- Languages selection ( up to 11 different languages )
- LCD displays date and time
- Storing Caller ID number to phone book
- Setting VIP numbers
- Supports GAP function
- LCD back light
- Caller ID on call waiting

## Voice over IP Gateway

- SIP v1 (RFC2543)
- SIP v2 (RFC3261)
- Voice codec Algorithms:
  - G.711 :64k bit/s (A-law and  $\mu$ -law PCM)
  - G.723.1 :6.3k / 5.3k bit/s
  - G.726 :16k / 24k / 32k / 40k bit/s (ADPCM)
  - G.729 :8k bit/s
  - G.729A :8k bit/s (CS-ACELP)
  - G.729B :adds VAD
  - Dynamic Payload
- Adjustable Audio Frames Per Packet
- Speed Dial Phone
- Block Setting
- Adjustable Call ID
- SLIC PTT Setting
- Voice Quality
  - VAD : Voice activity detection
  - CNG : Comfortable noise generator
  - LEC : Line echo canceller
  - Packet Loss Compensation
  - Adaptive Jitter Buffer
- Call Function
  - Call Hold
  - Call Waiting
  - Call Transfer
  - Call Forward
  - Caller ID
  - 3-way conference
- DTMF Function
  - In-Band DTMF
  - Out-of Band DTMF
  - SIP Info
- Dial Method
  - Direct IP call without SIP proxy
  - Dial number via SIP server

- Dial URL via SIP Server
- SIP Server
  - Registrar Server ( Three SIP account)
  - OutBound Proxy
- Tone
  - Ring Tone
  - Ring Back Tone
  - Dial Tone
  - Busy Tone
  - Programming Tone
- FAX
  - T.38
  - FAX Tone Detection Pass Through
- Phone Function
  - Volume Adjustment
  - Speed dial key
  - Phone Book
  - Redial
  - Flash
- IP Assignment
  - Static IP
  - DHCP
  - PPPoE
- Security
  - HTTP 1.1 basic/digest authentication for Web setup
  - MD5 for SIP authentication (RFC 2069 / RFC 2617)
- QoS
  - ToS field
- NAT Traversal
  - STUN
  - uPnP
- Configuration
  - Web Browser
  - Console/Telnet
  - IVR/Keypad
  - Auto-Provision
- Firmware Update
  - TFTP



- DC Input Voltage: +12 VDC at 1 A Max
- Power Consumption: 5 WATTS
- Power Adapter: 100 – 240V – 50-60Hz(26~34VA) AC Input, 1.8m cord

## **Indicator Lights**

- LAN Activity/Link LED (WAN, PC)
- Status LED In Front Panel have REG, In-Use, Power, Charge/Page

## **Operating Temperature**

- 41 to 113°F (5 to 45°C)

## **Storage Temperature:**

- -13 to 185°F (-25 to 85°C)

## **Relative Humidity**

- 10 to 90% non-condensing, operating and non-operating

## **Box Contents**

- 1 – Astarte Phone Adapter Unit – Color Black
- 1 – 12V Power Adapter – 1.8m (3 ft) Cord – Color Black
- 1 – RJ-45 Ethernet Cable – 1.8m (3 ft) Cord – Color Black

## **Physical Customization:**

- Customer Logo / Branding Available
- Case Color Matching Available

## **Documentation:**

- User Guide

## **Warranty**

- One Year Hardware