

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 μ -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

- Console
- HTTP
- Auto-Provision

Physical Interfaces

- Two RJ-45 Port – Ethernet 10-100baseT interface (IEEE 802.3)
- One RJ-11 FXS Port – For Analog Circuit Telephone Device (Tip/Ring) or FAX Machine.
- Handset Ni-MH Rechargeable Battery
- Operating time Standby :200hours
Talk :10 hours
- Standard DECT = Digital Enhanced Cordless Telecommunication
GAP = Generic Access Profile
- Frequency Range 1923 ~ 1928MHz (BW = 20MHz)
- RF Channels 4Channel
- Channel Bandwidth 1.728MHz
- Modulation GFSK
- Peak Transmit Power 200 mW ; average output per channel
- Carrier Multiplex TDMA ; 24 slots on same RF carrier
- Antenna Diversity Supported at Base station
- Data Transmission Rate 1.152 Mbps
- Speech Encoding ADPCM (32 Kops)
- Communication Range Outdoor 300 meters
Indoor 50 meters

Subscriber Line Interface Circuit (SLIC)

- Ring Voltage: 40 – 55 V_{RMS} Configurable
- Ring Waveform: 10 Hz – 40 HZ
- Maximum Ringer Load: 3 REN
- On-hook voltage (Tip/Ring): -50V NOMINAL
- Off-hook current: 25mA min
- Terminating Impedance: Eight Configurable Setting Including
 - North America 600 ohms, European CTR21

Regulatory Compliance:

- FCC CFR Part 15 subpart B: 2005 Class B

Power Supply

- Switching Type with Modular Wall Plug Clip – Country Specific

- 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

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