VOICE DECT

COMTEL



DUAL CELL BASE STATION

VOICE AP500

IP DECT BASE STATION FOR SMALL AND MEDIUM ENTERPRISES

The AP500 Dual Cell base station is the ideal base station for small and medium businesses enterprises.

AP500 IP DECT DUAL CELL BASE STATION

The AP500 Dual Cell Base Station is a perfect fit for small businesses and enterprises, providing on-site mobility for users who must be contactable wherever they are within the office. Together with the COMTEL G277 and G577 DECT Handsets it offers an cost effective DECT solution.

EXTENDED COVERAGE

The coverage can be extended with AP500 Series Repeaters if needed (up to 6 repeaters per base station). The solution can also easily be upgraded to two AP500 Dual Cell Base Stations in one system ensuring a larger coverage area, up to 20 calls per system, and seamless handover. department.

SECURITY

DECT communication is encrypted, and all communication between the bases and SIP server can be encrypted.

PLUG AND PLAY

This base station solution offers Plug and Play capabilities for adding handsets and a second base station with zero touch installation. It has LLDP-MED for easy VLAN deployment, Remote configuration, and firmware update.



AP500 BENEFITS

> Air synchronisation
> Over-the-air software updates for handsets
> PoE support
> TLS encryption
> Repeater support
> Wallmountable and Table stand
> Local and LDAP phone book support
> 1-port 10/100 Mbps connector (RJ45)
> Local and LDAP phone book support
> Optional repeaters for expanding coverage
> 40 SIP accounts for up to 20 handsets
> Up to 10 narrowband or 5 wideband calls per base station
> Central directory on the base station with LDAP support
> Caller identification
> Lists of missed, received and dialed calls
> Blind and attended transfer

VOICE AP500 DUAL CELL

DECT
> Frequency bands:
  · 1880-1900 MHz (EU)
  · 1920-1930 MHz (US)
  · 1910-1930 MHz (Latam)
> Output power: EU < 250 mW, USA < 100 mW
> Protocols: DECT based on GAP standard, DECT 6.0
> Seamless handover and roaming
  Handover using DECT or LAN sychronisation (IEEE1588)
> Wideband and narrowband audio
> Authentication/encryption of base and handset

RANGE
> Indoors: Up to 50 meters
> Outdoors: Up to 300 meters (for indoor use only)

ADDITIONAL FEATURES
> LDAP
> System monitoring
> Realtime sanity checks and system statistics
> Built-in Certificates

INSTALLATION
> Positioning: Wall mounting/Table stand
> Static IP, DHCP support
> Base station configurable via web interface
> Provisioning: DHCP Options 66
> Handset firmware update over the air via DECT

AUDIO, CODECS
> G.722 (5 channels; 4 in multicell operation)
> G.711 A-law, µ-law,
> Codec negotiation, codec switching

USER INTERFACES
> LED status indication, multicolor
> Reset key
> Web interface

HARDWARE SPECIFICATIONS
> Weight: approx. 306g
> Dimensions: approx. 144x140x35 mmm (LxWxD)
> Antenna diversity (two internal omni-directional antennas for better transmission and reception)
> Power: Power over Ethernet (PoE) IEEE802.3af Class 2
> Ethernet connector: RJ 45
> LAN interface: 10/100 BASE-T IEEE 802.3
> Colour: White

NETWORK
> HTTP and HTTPS
> LLDP
> IEEE 802.1Q
> TLS 1.2

COMPATIBLE DECT REPEATER
> DECT AP500 Series Repeater



PBX COMPLIANCE
> InFormVoice (IFV)
> SV9500, 3C
> SV9100, SL2100

COMPATIBLE HANDSETS
> G277 DECT
> G577(h) DECT



COMTEL International
Marathon 2, 3rd Floor
1213 PH Hilversum, The Netherlands
E-mail info@comtelinternational.com
comtelinternational.com

COMTEL International

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