



BENEFITS

IP-DECT Server 8000 is a modular and flexible DECT Wireless Solution for small to medium-sized businesses.

Benefits

- Seamless migration from analog to SIP VoIP telephony
- Dramatically improves responsiveness and productivity of mobile workers
- Increases business efficiency by integrating with application systems and business processes
- Reduces the number of on-site service visits via service facilities such as management reports and analyzing tools
- Low power consumption fosters a greener environment and reduces costs
- Rack and wall mountable, indoor
- Mix digital TDM-DECT Base Stations and IP-DECT Access Points in one system
- Allows ability to mix for synchronization via air or LAN (Local Area Network)

DESCRIPTION

The COBS DECT Server 8000 is a modular, scalable and flexible wireless mobility solution with combined analog and SIP VoIP interface that can be customized to exactly match your wireless telephony needs today and in the future. With its ability to easily scale, it fits the needs of medium to large-sized enterprise businesses.

The COBS DECT Server 8000 solution can be customized to specific wireless needs via a number of optional interface cards: a CPU card with or without link option, a base station card that connects up to eight COBS DECT Base Stations, an analog card with eight or 16 lines, and the SIP VoIP card that acts as a media resource card for 32 VoIP connections.

You can also connect up to 1,024 COBS IP-DECT Base Stations.

Each COBS DECT Server 8000 has room for one CPU card and up to eight interface cards. Further, up to eight servers can be linked together. With a combined total of 64 slots, the COBS DECT Server 8000 solution allows for numerous ways to deploy a wireless mobility solution that matches the exact telephony needs of your organization.

Businesses that need radio coverage over a large geographical area, with multiple locations, or a large number of mobile employees can benefit from the COBS DECT Server 8000 solution, which supports up to 4,095 wireless users and 1,024 simultaneous calls.

The extremely scalable and flexible nature of the COBS

DECT Server 8000 solution makes it an ideal add-on solution for fast-growing and large businesses since the solution can be expanded as the business grows.

SPECIFICATIONS

ANALOG LINE SUPPORT

- CLIP FSK Bellcore
- DTMF CLIP
- Loop break
- DTMF transmit
- Dial and busy tone detect

SIP VOIP SUPPORT

- Basis call
- CLIP
- Call hold
- Call transfer

PROTOCOL SUPPORT

- Broadcast messaging
- MSF (Message Service Functions)
- TAP (Telocator Alphanumeric Protocol 1.8)
- XML-PRC

SYSTEM ARCHITECTURE

- Stable system core based on Linux
- Faster access to standard protocols
- Room for one CPU card without link and three interface cards
- Max. no. of:
 - Registered handsets: 4,095
 - Registered COBS handsets: 4,095
 - Simultaneous calls: 1,024
 - Simultaneous calls per media resource (G.711 & G. 726): 32
 - COBS DECT Base Stations: 512
 - COBS DECT Repeaters: 3 per Base Station
 - COBS IP-DECT Base Stations: 1,024 (takes up two channels on the media resource card)
 - Linked servers: 8
 - Interface cards in one linked system: 64
- Interface Cards:
 - AB08/16 interface card: 8/16 analog telephone lines
 - BIF08 interface card: drives eight base stations
 - MR32 interface card: media resource card for 32VoIP connections

SUPPORTED CODECS

- G.711 A-law and μ -law
- G.726 (32kbps - 4 bit ADPCM)

APPROVALS (REGULATORY STANDARDS)

- EN55022, Class A
- EN55022: Class A
- EN55024: A1, A2
- FCC RULES, CRF47, PART15, class B digital device
- CISPR 22
- ICES-003
- CAN/CSA-CEI/IEC CISPR 22

SAFETY (REGULATORY STANDARDS)

- UL60950-1 CAN/CSA-C22.2 No. 60950-1-03
- UL File No: E170690
- IEC 60950-1
- EN60950-1

Note: For latest approvals and regulatory compliance, please check our website.

ENVIRONMENTAL CONDITIONS

- Operating temperature: 10° - 40° C
- Storage temperature: -30° - 70° C
- Relative humidity: 20% and 80% (non-condensing)
- Operating altitude: Up to 3,000m
- Compliance with the requirements of EU directive 2002/95/EC (ROHS) and 2002/96/EC (WEEE)

ELECTRICAL REQUIREMENTS

- Power adaptor characteristics: DE 18.1 VDC/3.16 A
- The supplied power for AC adaptor power supply must be 110-240 VAC nominal, 50/60 Hz.

PHYSICAL CHARACTERISTICS

- Size: 177 x 422 x 328 mm
- Weight: 5.34 kg excl. power supply. Up to 12 kg incl. adapters
- The shelf is four units high in rack
- Wall mountable, indoor

INTEROPERABILITY

- For information about supported messaging, alarm and Unified Communication (PBX/IP-PBX) platforms, visit www.cobs-ws.com.

Part No.

Description

9009040

DECT Server 8000 Rack EU version