DC201 DECT Base + Handset System

Wireless DECT Phone System for Business

Designed to work exclusively for FreePBX and PBXact phone systems, the DC201 DECT phone package provides small-to-medium sized businesses with high quality wireless DECT that integrates into your IP-PBX.

The DC201 DECT Base + Handset package supports up to 20 users, giving your staff and colleagues the freedom and efficiency of wireless, while moving around. The best part is the automatic provisioning with Sangoma's FreePBX and PBXact phone system for easy deployment and mass provisioning, using the built-in EndPoint Manager tool which is used to autoprovision all your other endpoints.

Designed For Your Staff – Always On the Move

The DC201 package provides your staff with wireless communication so they can take their phone extension with them as they move around the office. Perfect for:

- Administrators
- Warehouse workers
- Maintenance personnel
- Retail stores

Quick Facts

- DECT Phone System Includes DB20 Base & 1 D10 Handset
- Supports Up to 20 DECT Cordless Handsets (Additional Handsets Sold Separately)
- Up to 5 Simultaneous Calls (Base Station)
- Up to 8-Hour Talk Time & 75-Hour Standby Time
- Autoprovision with FreePBX & PBXact Phone Systems
- TLS & SRTP Secure Encryption
- Range: Up to 50m Indoors
- Both North American & EU Standard Base Stations Available

About Sangoma

Sangoma Technologies Corporation, is a trusted leader in delivering globally scalable Voice-Over-IP telephony systems, both on-site and cloud-based.

As the communication landscape evolves and businesses invest in new strategies to provide effective communications, Sangoma Technologies is your trusted partner; delivering Unified Communications solutions for SMBs, Enterprises, OEMs, Carriers, and service providers.

Sangoma's globally scalable offerings include both on-site and cloud-based business communication systems, SIP trunking, IP Phones, Gateways, Session Border Controllers and Telecom Interface Cards. Together, these provide seamless connectivity between traditional infrastructure and new technologies. Businesses can achieve enhanced levels of collaboration, productivity and ROI by partnering with Sangoma.

Founded in 1984, Sangoma Technologies Corporation is publicly traded on the TSX Venture Exchange (TSX VENTURE: STC).

Handset Features:

- 1.44'' TFT display (128 x 128 x 64k) with graphical user interface
- Up to 5 simultaneous calls (Base station)
- Standby time: 75 hours
- Talk time: Up to 8 hours
- Range: Up to 50m indoors
- Headset connector (3.5mm)
- Handset selection for receiving call
- Handset and number selection for placing call
- Paging, intercom, auto answer, call hold, call transfer, 3-way conference, call waiting, mute, silence, DND, caller ID with name and number, anonymous call, anonymous call rejection, call forward, speed dial, voicemail, redial, message waiting indication and call history
- Wideband audio (G.722) support
- Graphical interface with selectable wallpaper
- Selectable polyphonic ringtones
- Local & remote phonebook support
- 1m drop protection
- IP-20 Ingress rated
- Wideband two-way speaker phone
- Handset automatically supports both North America and EU standards
- Firmware update

Base Station:

- Network
  - Up to 5 simultaneous calls
  - 1x RJ45 10 / 100M Ethernet port
  - IP assignment: static / DHCP
  - SIP v1 (RFC2543), v2 (RFC3261)
  - SNTP / NTP
  - VLAN (802.1Q and 802.1P)
  - 802.1x, LLDP, PPPoE
  - STUN client (NAT traversal)
  - UDP / TCP / TLS
- Audio
  - 5 Audio channels using G.726 / G.711Codec
  - 4 audio channels using G.729
  - 5 CAT-iq wideband audio channels using G.722
  - RFC3711 SRTP

DECT (Between Base Station and Handset:

- Frequency band: 1880MHz–1930MHz (DECT)
  - 1880 – 1900 MHz (10 carriers) Europe
  - 1920 – 1930 MHz (5 carriers) US
- Four power levels (14, 17, 20 and 24 dBm)
- Interoperability, Phase I (CAT-iq1.0)
- Authentication / encryption of base and handset

Physical Features:

- AC adapter (Handset and base station)
  - AC 100-240V Input
  - DC 5V/600mA Output
- Handset dimensions
  - 118 x 177 x 32mm (HxWxD)
- Base station dimensions
  - 130 x 100 x 25.1mm (HxWxD)
- Operating humidity
  - 10~95%
- Operating temperature
  - -10~+40°C

Approvals:

- EN 301406 (TBR6)
- EN 30176 -2 (TBR10)
- EN60950 -1(Safety)
  - IEC60950 -1
  - CSA c-CSA-us or UL60950 -1
- EN 301489 (EMC, ESD)
- RF (EMF, SAR)
- FCC part 15D, conducted and radiated
- FCC part 15, ClassB
- RSS213 (Canada)

SIP (Between Base Station and IP-PBX):

- SIP
- RFC2833 In-Band DTMF / Out of band DTMF support
- RFC2976 The SIP INFO method
- RFC3261 compliance
- Digest / basic authentication
- RFC3263, DNS SRV redundant server support
- RFC3264 Offer / answer
- RFC3326 The Reason Header Field for SIP
- RFC3489 STUN
- RFC3515 REFER
- RFC3581 RPORT
- RFC3842, RFC3265 Message Waiting Indication, subscription for MWI events
- RFC3892 SIP Referred-By Mechanism
- RFC3960 Early Media and Ringing Tone Generation in SIP
- RFC 4028
- RFC 3311

DC201 Package Contents:

- 1x DB20 base station
  - US or EU standard
- 1x DC10 handset with cradle
  - Rechargeable battery set
- 2x 5V AC power adaptors (For handset and base station)
  - US / EU / UK plugs based on region
- Quick-start guide

Want to learn more?
Talk to an Expert!

Contact us at 888.969.4412 or sales@cloudworx.ca
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