Sangoma DC201 DECT Base + Handset System

Product Name: Sangoma DC201 DECT Base + Handset System
Manufacturer: Sangoma
Model Number: PHON-DC201E

Sangoma DC201 DECT Base + Handset System
The Sangoma DC201 DECT Base + Handset package supports up to 20 users, giving your staff and colleagues the freedom and efficiency that a wireless DECT package brings. The DC201 package also features automatic provisioning with Sangoma's FreePBX and PBXact phone system for easy deployment and mass provisioning.Sangoma DC201 Package Key Features

ï¿½ DECT Phone System Includes: 1 x DB20 DECT Base & 1 x D10 Handset
ï¿½ Supports Up to 20 DECT Cordless Handsets (Additional Handsets Sold Separately)
ï¿½ Up to 5 Simultaneous Calls
ï¿½ Up to 8-hours Talk Time & 75-Hour Standby Time
ï¿½ Autoprovision with FreePBX & PBXact Phone Systems
ï¿½ TLS & SRTP Secure Encryption
ï¿½ Range: Up to 50m Indoors

SecurityWith TLS and SRTP encryption, you are guaranteed privacy and security in your wireless communications.Auto-ProvisioningCut down installation time thanks to the automatic configuration with Sangoma's FreePBX and PBXact range. The Sangoma DC201 uses a built-in EndPoint Manager auto-provisioning tool.Long RangeIncreased flexibility with up to 50 meters of indoor range between handset(s) and base station.Supports Additional HandsetsSupports up to 20 DECT cordless handsets (additional handsets sold separately).Talk/Standby TimeEnjoy long-lasting handset power with up to 8-hours talk time and 75-Hour standby time.Complete DECT SolutionThe DB20 DECT Base Station connects to local LAN network with the PBX, as the handsets communicate over a wireless DECT connection.

Sangoma DC201 Package - Technical Specifications
D10 Handset

ï¿½ 1.44’’ TFT display (128 x 128 x 64k) with graphical user interface
ï¿½ Up to 2 simultaneous calls per handset
ï¿½ Standby time: 75 hours
ï¿½ Talk time: Up to 8 hours
ï¿½ Range: Up to 50m indoors
ï¿½ Headset connector (3.5mm)
ï¿½ Handset selection for receiving call
ï¿½ Handset and number selection for placing call
ï¿½ Paging, intercom, auto answer, call hold, call transfer, 5-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
ï¿½ indication and call history
ï¿½ Wideband audio (G.722) support
ï¿½ Graphical interface with selectable wallpaper
ï¿½ Selectable polyphonic ringtones
ï¿½ Local & remote phonebook support
ï¿½ 1m drop protection
ï¿½ IP-20 Ingress rated
ï¿½ Wideband two-way speaker phone
ï¿½ Handset automatically supports both North America and EU standards
ï¿½ Firmware update

DB20 Base Station

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ï¿½ Network

ï¿½ Up to 5 simultaneous calls

ï¿½ 1x RJ45 10 / 100M Ethernet port

ï¿½ IP assignment: static / DHCP

ï¿½ SIP v1 (RFC2543), v2 (RFC3261)

ï¿½ SNTP / NTP

ï¿½ VLAN (802.1Q and 802.1P)

ï¿½ 802.1x, LLDP, PPPoE

ï¿½ STUN client (NAT traversal)

ï¿½ UDP / TCP / TLS

ï¿½ Audio

ï¿½ 5 Audio channels using G.726 /G.711Codec

ï¿½ 4 audio channels using G.729

ï¿½ 5 CAT-iq wideband audio channelsusing G.722

ï¿½ RFC3711 SRTP

DECT (Between Base & Handset)

ï¿½ Frequency band: 1880MHz–1930MHz (DECT)

ï¿½ 1880 – 1900 MHz (10 carriers) Europe
ï¿½ 1920 – 1930 MHz (5 carriers) US

ï¿½ Four power levels (14, 17, 20 and 24 dBm)

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ï¿½ Interoperability, Phase I (CAT-iq1.0)
ï¿½ Authentication / encryption of base and handset

SIP (Between Base & IP-PBX)

ï¿½ SIP
ï¿½ RFC2833 In-Band DTMF / Out of band DTMF support
ï¿½ RFC2976 The SIP INFO method
ï¿½ RFC3261 compliance
ï¿½ Digest / basic authentication
ï¿½ RFC3263, DNS SRV redundant server support
ï¿½ RFC3264 Offer / answer
ï¿½ RFC3326 The Reason Header Field for SIP
ï¿½ RFC3489 STUN
ï¿½ RFC3515 REFER
ï¿½ RFC3581 RPORT
ï¿½ RFC3842, RFC3265 Message Waiting Indication, subscription for MWI events
ï¿½ RFC3892 SIP Referred-By Mechanism
ï¿½ RFC3960 Early Media and Ringing Tone
ï¿½ Generation in SIP
ï¿½ RFC 4028
ï¿½ RFC 3311

Physical Specs

ï¿½ AC adapter (Handset and base station)

ï¿½ AC 100-240V Input

ï¿½ DC 5V/600mA Output

ï¿½ Handset dimensions

ï¿½ 118 x 177 x 32mm (HxWxD)

ï¿½ Base station dimensions

ï¿½ 130 x 100 x 25.1mm (HxWxD)

ï¿½ Operating humidity

ï¿½ 10~95%

ï¿½ Operating temperature

ï¿½ -10~+40°C

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DC201 Package Contents

ï¿½ 1x DC20 base station
ï¿½ 1x DC10 handset with cradle

ï¿½ 2x 5V AC power adaptors (For handset and base station)
ï¿½ Quick-start guide

Approvals

ï¿½ EN 301406 (TBR6)
ï¿½ EN 30176 -2 (TBR10)
ï¿½ EN60950 -1(Safety)

ï¿½ IEC60950 -1
ï¿½ CSA c-CSA-us or UL60950 -1

ï¿½ EN 301489 (EMC, ESD)
ï¿½ RF (EMF, SAR)
ï¿½ FCC part 15D, conducted and radiated
ï¿½ FCC part 15, ClassB
ï¿½ RSS213 (Canada)

Price: $196.21