

# Wireless Server 300

## Supplementary information Telephony & cordless



### Protocol support

- Session Initiated Protocol (SIP)
- RFC 2327 session description protocol
- RFC 2833 RTP payload for DTMF digits, telephony tones and telephony signals
- RFC 2976 the SIP INFO method
- RFC 3261 SIP
- RFC 3262 reliability of provisional responses in SIP
- RFC 3264 an offer/answer model
- RFC 3265 SIP-specific event notification
- RFC 3428 SIP extension for instant messaging
- RFC 3515 the SIP refer method
- RFC 3842 a message summary and message waiting indication event package
- RFC 3891 the SIP replaces header

### System capacity

Max. number of simultaneous SIP calls	4
Max. number of repeaters	6
Max. number of registered Multitone handsets	12

### Supported codecs

- G.711 alaw
- G.711 ulaw

### Networking and provisions

- 10/100Mbps Ethernet port
- Manual or Dynamic Host Configuration Protocol (DHCP) network setup
- Time and date synchronisation using NTP
- Event logging
- LED status indication

### Alarms and messaging

Compatible with Multitone alarm management module Access Integrator-D.

### Operation and maintenance

- Single web portal on wireless server 300 for administration and maintenance of the entire DECT infrastructure
- HTTP with digest authentication
- HTTPS
- Provisioning, maintenance and supervision of all handsets controlled by the solution

Wireless server 300



## Radio interface

- Full slot DECT RF part (12 channels)
- RF output 20 to 24 dBm at antenna connection
- Sensitivity: typical -90 dBm measured at antenna connection at BER=0.001
- Typical range indoor: 20-50m, outdoor: 300m
- Frequency bands available: ETSI DECT (1880-1900 Mhz), South America (1910-1930 Mhz), USA DECT (1920-1930 Mhz)

## Environmental conditions

- Relative humidity: between 20% and 80% (non-condensing)
- The equipment is in compliance with the requirements of EU directive 2002/95/EC (ROHS) and 2002/96/EC (WEEE)

## Physical characteristics

- Size: 100mm (h) x 100mm (w) x 38mm (d)
- Weight: 120g
- Grey-white (NCS 0502-Y)
- Wall-mountable, indoor

## Approvals

### Electro Magnetic Compatibility (EMC) approvals (regulatory standards)

- EN 301 489-1:V1.6.1
- EN 301 489-6:V1.2.1
- FCC RULES, FCC PART15, SubpartD
- IC RULES RSS213 Issue 2, Dec 2005

### Safety (regulatory standards)

- UL60950-1 CAN/CSA-C22.2 No. 60950-1-03
- EN 60950-1:2006

### DECT approvals

- EN 301 406 V1.5.1

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