



POLYCOM® KIRK Wireless Server 300 - Fact Sheet

KIRK Wireless Server 300

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: Session Initiation Protocol
- RFC 3262 Reliability of Provisional Responses in SIP
- RFC 3264 An Offer/Answer Model
- RFC 3265 SIP-Specific Event Notification
- RFC 3428 Session Initiation Protocol Extension for Instant Messaging
- RFC 3515 The Session Initiation Protocol (SIP) Refer Method
- RFC 3842 A Message Summary and Message Waiting Indication Event Package
- RFC 3891 The Session Initiation Protocol (SIP) "Replaces" Header

Operation and Maintenance

- Single Web portal on KWS300 for administration and maintenance of the entire DECT infrastructure
- HTTP with digest authentication
- HTTPS
- Provisioning, maintenance and supervision of all KIRK Handsets controlled by the solution

System Capacity

Max. number of simultaneous SIP calls	4
Max. number of KIRK Repeaters	6
Max. number of registered KIRK Handsets	12

Supported Codecs:

- G.711 alaw
- G.711 ulaw

Network and Provisioning:

- 10/100Mbps Ethernet port
- Manual or dynamic host configuration protocol (DHCP) network setup
- Time and date synchronization using NTP
- Event logging
- LED status indication

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: 20-50 m, outdoor 300 m.
- Frequency Bands available:
 - ETSI DECT (1880-1900 Mhz)
 - South America (1910-1930 Mhz)
 - USA DECT (1920-1930 Mhz)

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;RSS-213
- 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

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)

Electrical Requirements:

- Power over Ethernet (IEEE 802.3af)
- PoE Class 1 device
- Typical power consumption: 1W per unit

Physical Characteristics:

- Size (W x H x D): 100 x 100 x 38 mm
- Weight: 120 g.
- Grey-white (NCS 0502-Y)
- Wall-mountable, Indoor

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