Product Name: Spectralink IP-DECT Server 6500
Manufacturer: Spectralink
Model Number: KWS6500

Spectralink IP-DECT Server 6500
The Spectralink IP-DECT Server 6500 (previosuly the Polycom KIRK SpectraLink Wireless Server 6500) introduces the new Spectralink IP-DECT Server 6500 which is a 19” rack solution and an extremely scalable wireless SIP solution that can handle a large number of mobile employees or cover a large geographical area - or both.
Key features and benefits of Spectralink IP-DECT Server 6500 :

• In qualification for Microsoft® Lync™ Server 2010
• All maintenance done through the server
• Stable system core based on Linux
• Improved SIP stack supporting key UC solutions
• Provisioning of configuration, firmware, and wireless user
• Up to 256 KIRK IP Base Stations and up to 4,096 wireless users can be subscribed

The Spectralink IP DECT Server 6500 can meet the needs for your medium to large sized business by connecting up to 4,096 SpectraLink DECT phones with high quality and secure voice communication. The Spectralink 6500 is compatible with all Spectralink 7000 series handset models, so you can address all the needs across your business with the differing styles available from SpectraLink. This server consists of a number of different infrastructure elements which can be assembled in accordance with your exact telephony needs today and in the future.

Spectralink IP-DECT Server 6500 Technical Specifications
Operation and Maintenance

• Web GUI for administration and maintenance of the entire infrastructure
• Provisioning, maintenance, and supervision of all infrastructure components in the DECT solution
• Provisioning, maintenance, and supervision of all KIRK Handsets controlled by the solution
• HTTP with digest authentication
• HTTPS
• Syslog

System Architecture

• The KIRK Wireless Server 6500 is a control unit acting as a SIP integration unit to the SIP IP-PBX, which also controls and handles all other infrastructure elements
• Max. no. of : • KIRK IP Base Stations: 256 • Simultaneous calls on each KIRK IP Base Station: 11 • KIRK Repeaters on each KIRK IP Base Station: 3 • KIRK Media Resources: 32 • Simultaneous calls with one KIRK Media Resource (G.711): 32 • Simultaneous calls with 32 KIRK Media Resources: 1,024 • Registered KIRK Handsets: scalable to 4,096 stepwise: 30 users, 150 users, 1,500 users, 4,096 users

Supported Codecs

• G.711 A-law and μ-law
• G.726 (32 kbps - 4 bit ADPCM)
• G.729 (License required)

Network and Provisioning

- 10/100 Mbps Ethernet port
- Manual or dynamic host configuration protocol (DHCP) network setup
- Time and date synchronization using Network Time Protocol (NTP)
- Event logging
- Support for VLAN tagging (IEEE 802.1Q) and (IEEE 802.1P)

Approvals (Regulatory Standards)

- EN55022
- EN55024: A, A2
- FCC RULES, CRF47, PART15, class B digital device

Safety (Regulatory Standards)

- UL60950-1 CAN/CSA-C22.2 No. 60950-1-03
- EN60950-1

Environmental Conditions

- Operating temperature: 10 - 40 °C / 50 - 104 °F
- Storage temperature: - 50 - 70 °C / -58 - 158 °F# 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

- The supplied power for unit must be 110 to 240 AC nominal, 50/60 Hz.

Physical Characteristics

- Size: 440 x 199 x 44 mm. / 17.3 x 7.8 x 1.7 in.
- Weight: 2354 gr. / 83.0 oz
- Grey
- Rack and wall mountable, indoor
- IP20

Price: £915.50