Product Name: Polycom Kirk 300 Wireless Server
Manufacturer: Spectralink
Model Number: KWS300

Polycom Kirk 300 Wireless Server
SIP Telephony Solution for Small to Medium-sized BusinessesThe Polycom Kirk 300 Wireless Server enables employees to stay in contact with colleagues or customers wherever they are within the business premises. The Kirk 300 is a simple all-in-one IP DECT solution that can support up to 12 wireless users and four simultaneous calls, making it an excellent choice for small to medium-sized businesses.Polycom Kirk 300 Wireless Server Key Features

• Maximizes employee availability using simple, reliable, and durable devices
• Increases business efficiency by integrating with application systems and business processes
• IP interface based on SIP protocol
• Power over Ethernet
• Browser configuration option
• Compatible with all KIRK Handsets
• Protocol Support
• Session Initiated Protocol SIP
• Designed for simple installation and coverage scalability via repeaters
• A cost-effective system that allows usage of the exsisting LAN infrastructure

Please see the information below if you are not sure what size system or type of technology suits your needs most:

• When to choose a Polycom KIRK solution or a Polycom Wi-Fi solution
• The benefits of a choosing a Polycom mobility solution
• Polycom KIRK & SpectraLink business grade on-site mobility solutions

Cost-Effective Business WirelessCompanies with a number of small offices can easily offer mobility to their employees by installing the KIRK Wireless Server 300 solution at each location. Call-handling can be managed by a local or centralized IP SIP PBX.Up to six KIRK Repeaters can be subscribed to the KIRK Wireless Server 300 solution, providing a number of advantages, such as the:

• Ability to cover a larger area, compared to other single-cell solutions
• Flexibility to handle complex coverage requirements
• Scalability to extend coverage after initial deployment

Small and Medium-sized Business BenefitsIn its basic version, the infrastructure of the KIRK Wireless Server 300 solution consists of the server itself and KIRK Handsets, wherefore it is very easily installed. The solution can be expanded with up to six KIRK Repeaters for greater geographical coverage.The KIRK Wireless Server 300 solution is ideal as a hosted solution since it comes with the capability for provisioning configuration, firmware, and wireless users.The simple installation and the ability to run as a hosted solution specifically addresses the needs of small and medium-sized businesses (SMBs) because it allows these to benefit from a high-quality wireless voice system without complex management and administration requirements.In addition, the KIRK Wireless Server 300 solution integrates with all handsets from the KIRK Handset portfolio. Thus, allowing all users to be equipped with a handset that meets their exact business

needs and requirements. The KIRK Wireless Server 300 solution is therefore suited for SMBs in a wide range of vertical markets. The KIRK Wireless Server 300 is part of the KIRK Wireless portfolio, which includes a number of wireless server solutions suitable for SMBs as well as large businesses and enterprises. All KIRK wireless solutions are built on the international DECT (Digital Enhanced Cordless Telecommunications) standard and are compatible with most enterprise communication systems through either an analog or IP interface.

Polycom KIRK Wireless Server 300 Technical Specifications
Operation and Maintenance

• Single web portal 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 Architecture

• The KIRK Wireless Server 300 is a control unit acting as a SIP integration unit to the SIP IP-PBX. Also, it controls and handles all other infrastructure elements
• Max. no. of simultaneous calls: 4
• Max. no. of KIRK Repeaters: 6
• A KIRK Repeater extends the coverage area in a KIRK solution
• Max. no. of registered KIRK Handsets: 12

Supported Codecs

• G.711 A-law and -law

Network and Provisioning

• 10/100 Mbps 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.

Electro Magnetic Compatibility (EMC) Approvals (Regulatory Standards)

• EN 301 489-1
• EN 301 489-6
• FCC RULES, FCC PART15, subpartD; RSS-213
• IC Rules RSS213 Issue 2

Safety (Regulatory Standards)

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

• EN 60950-1

DECT Approval

• EN 301 406

Environmental Conditions

• Operating temperature: 10 - 40°C
• Storage temperature: - 50 - 70°C
• 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: 100 x 100 x 38 mm.
• Weight: 120 g.
• Grey-white (NCS 0502-Y)
• Wall-mountable, indoor Interoperability

Polycom Kirk Solutions Guide

Find out more

Price: £235.20