spectralink

# Spectralink IP-DECT Server 200

## SIP Based Mobility Solution for SOHO, SMB as well as Distributed Enterprise Businesses

Spectralink offers an enterprise grade single-cell IP-DECT solution that can grow with your business – providing mobility for users within specific areas of any office environment. The Spectralink IP-DECT Server 200 comes with support for up to 12 wireless users and 6 simultaneous calls – depending on how you setup, configure and deploy your solution. This scalability ensures that the Spectralink IP-DECT Server 200 solution can grow with your business to fit your exact needs, making it a future-proof solution for small to medium-sized businesses.

The Spectralink IP-DECT Server 200 can be deployed as a mobility solution for SOHO/ROBO/SMB businesses, or can be deployed across a series of smaller branch sites or outlets for a large distributed enterprise business such as a retail store chain.

The single-cell option is extremely easy to deploy and install due to its intuitive menu structure. Moreover, it is ideal for integration with all leading hosted UC/UCaaS platforms as the system has been designed with the capability for remote provisioning and configuration, firmware roll-out using software update over the air (SUOTA), and wireless users.

The system scales up from 2 to 12 users and when there is a need for coverage across multiple locations, the solution can be easily configured to support that as well. Multiple units can be deployed in the same area to increase the capacity – if needed. Radio coverage can be further expanded using up to three (3) repeaters or using Spectralinks' external antenna*, an ideal choice for expanding coverage in normally inaccessible areas such as hallways, freezing rooms, and warehouses.

The single-cell solution has a broad appeal across a number of vertical markets. Businesses requiring a cost-effective yet enterprise grade secure mobility solution will appreciate the simplicity and the range provided by the Spectralink IP-DECT Server 200.

The solution is ideal for users in retail markets, such as stores, car dealerships, fast-food chains, retail banks or smaller health care locations, such as clinics, dental or medical offices, and other small businesses.

*Spectralink external antenna is the only approved antenna for the Spectralink IP-DECT Server 200. Connecting 3rd party external antennas is not supported and will not work.*

## BENEFITS

- Supports 12 users and 6 simultaneous calls
- Interoperable with market leading Call Control and Unified Communications (UC/UCaaS) platforms
- Delivers high-quality and secure voice communication
- Supports Enterprise grade security & Management
- Supports DECT Enhanced Security (Encryption)
- Enhance coverage via repeaters and external antenna
- Increases functionality and business efficiency by integrating with Eco-System application partner solutions
- Can be installed in multiple locations to ensure mobility for large geographically distributed enterprise businesses
- Supports entire Spectralink DECT Handset product portfolio
- Optional license for integration with Skype for Business and for enhanced enterprise grade security when connecting to host UC platform.

# SPECIFICATIONS

**CALL CONTROL PROTOCOL SUPPORT**
- Session Initiated Protocol (SIP)

**OPERATION AND MAINTENANCE**
- Single web portal for administration and maintenance of the DECT infrastructure
- HTTP with digest authentication
- HTTPS
- Syslog
- SNMP v2

**ENHANCED PROVISIONING**
- The unit can be programmed to download its own configuration and user settings as well as handset firmware and then update the handset firmware based on a programmed schedule (e.g. upgrade at 03:00).

*Note: Scheduled firmware update to all the handsets is accomplished via SUOTA, providing totally automated firmware roll-out support to update IP-DECT Server 200 and all connected handset.*
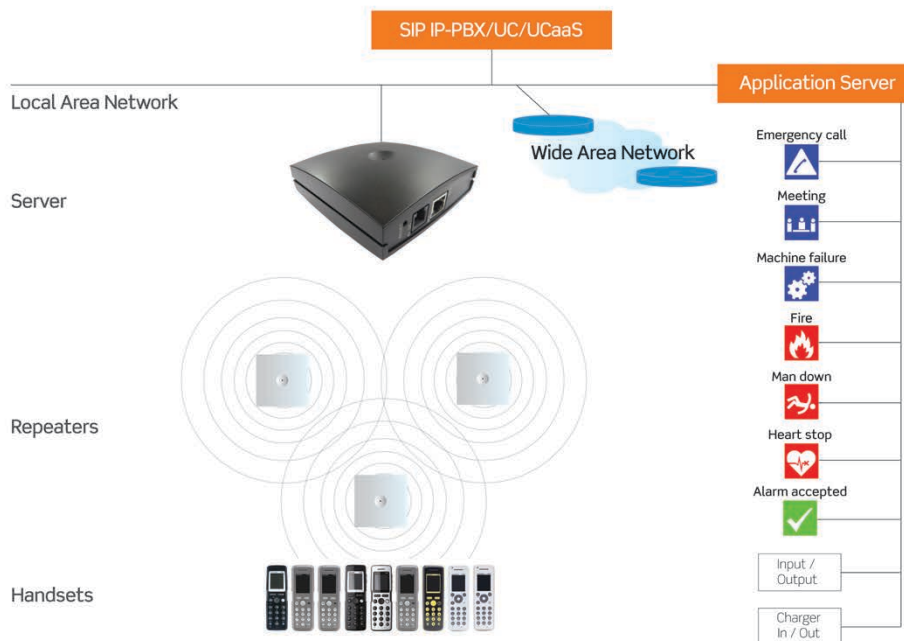
**APPLICATION PROTOCOLS**
- XML-RPC API supporting:
  - Broadcast Messaging
  - Message Service Functions (MSF)

**SYSTEM ARCHITECTURE**
- The Spectralink IP-DECT Server 200 is both a radio unit (RFP) and a SIP integration unit to the host SIP Call Control / UC (UCaaS) platform.
- Single-cell configuration ONLY:
  - 1 x Spectralink IP-DECT Server 200 and up to 3 x Spectralink DECT Repeaters (2 or 4 channel)
  - 12 wireless users / 6 simultaneous calls (codec independent)

## Spectralink IP-DECT Server 200 Configuration



*Note: Please contact Spectralink sales to learn about the various 3rd party Application Server based solutions available from our AIMS eco-system partners.*

**RADIO INTERFACE**
- 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. (66 - 164 ft.)
  – Outdoor: 300 m. (984 ft.)
- Possible to connect external antenna
  *(Only approved Spectralink external antenna can be used)*

**APPROVALS**
- Council Directives 2014/53/EU (Radio Equipment Directive)
- 2011/65/EU (RoHS 2).
- EN 301 489-1 v2.1.1 (2017-02)
- EN 301489-6v2.1.1 (2016-11)
- EN 301 406 v2.2.2 (2016-09)
- EN 60950-1: 2006 + A 11:2009 + A1:2010+ A12:2011 + A2:2013

*Note: For latest approvals and regulatory compliance, please check our website.*

**ENVIRONMENTAL CONDITIONS**
- Operating temperature: 10º - 40º C (50º - 104º F)
- Storage temperature: -50º - 70º C (-58º - 158º F)
- Relative humidity: between 20% and 80% (non-condensing)
- The equipment is in compliance with the requirements of EU directive 2011/65/EU (RoHS 2) and 2012/19/EU (WEEE)

**ELECTRICAL REQUIREMENTS**
- Power over Ethernet (IEEE 802.3af), mode A & B
- PoE Class 1 device
- Typical power consumption: 3W per unit
- External power outlet (power supply must be ordered separately)

**PHYSICAL CHARACTERISTICS**
- Size: 100 x 100 x 43 mm (3.94 x 3.94 x 1.69 in.)
- Weight: 120 gr. (4.2 oz)
- Black (Pantone Black)
- Wall-mountable, indoor
- The server can be mounted upside down

**INTEROPERABILITY**
- For information about supported Call Control / Unified Communications (UC) (PBX and IP-PBX) platforms, visit support.spectralink.com.

*Please contact your local Spectralink partner for minimum order quantity (MoQ) and pricing information.*

| # | SKU | PRODUCT DESCRIPTION |
|---|---|---|
| 1 | 72345600 | Spectralink IP-DECT Server 200, 1G8. *Note: If not using PoE Switch, please order power supply separately.* |
| 2 | 72345601 | Spectralink IP-DECT Server 200, 1G9. *Note: If not using PoE Switch, please order power supply separately.* |

# About Spectralink

Spectralink delivers secure, cost-effective mobile communication solutions that empower enterprises to streamline operations, increase their revenues and deliver a positive customer experience – each and every time. Since 1990, Spectralink has deployed millions of devices worldwide across the retail, healthcare, hospitality and manufacturing sectors – providing workers with the industry's most efficient, in-building communications.

For more information, visit spectralink.com or call 303.441.7500.

spectralink

spectralink.com
info@spectralink.com
+1 800-775-5330 North America
+45 7560 2850 EMEA