

# Spectralink IP-DECT Base Station

Over the air call signaling between your DECT server and handsets



The Spectralink IP-DECT Base Station controls the traffic in the air and provides the crucial link between Spectralink wireless DECT handsets and Spectralink DECT Servers. The Spectralink IP-DECT Base Station interoperates with the entire Spectralink DECT Server portfolio.

The Spectralink IP-DECT Base Stations can be powered by Power Over Ethernet (POE) IEEE 802.3af as well as via an external power supply.

Each Spectralink IP-DECT Base Station has 12 speech channels and covers a circular area between 66 and 985 feet (20-300 meters) in diameter. Because coverage depends on location specifics such as building materials and interference, a site assessment and site survey before installation is essential to determine the proper number and placement of base stations. An External Antenna can also be attached to extend or direct coverage where needed.

## SPECIFICATIONS

### NETWORK AND PROVISIONING

- 10/100 Mbps Ethernet port
- Manual or dynamic host configuration protocol (DHCP)
- Time and date synchronization from the Spectralink DECT Server
- Event logging
- LED status indication

### 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: 65.6 - 164 ft. (20-50 m.)
  - Outdoor: 984.3 ft. (300 m.)
- Full slot DECT radio (12 channels)

### ELECTRO MAGNETIC COMPATIBILITY 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

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

### ELECTRICAL REQUIREMENTS

- Power over Ethernet (IEEE 802.3af), Class 1 device
- Typical power consumption: 2W per unit
- External power supply option available
- External antenna connection  
*(Only Spectralink external antenna can be used)*

### ENVIRONMENTAL CONDITIONS

- Operating temperature: 50° - 104° F (-10° - 40° C)
- Storage temperature: -58° - 158° F (-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)

### PHYSICAL CHARACTERISTICS

- Size: 3.9 x 1.2 x 3.9 in. (100 x 38 x 100 mm)
- Weight: 4.2 oz (120 gr.)
- Grey-white (NCS 0502-Y)
- Wall-mountable, indoor
- Can be mounted upside down

*The Spectralink IP-DECT Base Station is regulatory-certified for frequency bands used in North America, Europe, Australia and New Zealand.*

## 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](http://spectralink.com) or call 303.441.7500.



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