

# Spectralink IP-DECT Base Station

Over the air call signalling between your DECT server and handsets



The Spectralink IP-DECT Base Station controls the traffic in the air and provides the link between Spectralink wireless 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 or 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 before installation helps to determine the proper number and placement of base stations. An External Antenna can 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) network setup
- Time and date synchronisation 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: 20-50 m. (65.6 - 164 ft.)
  - Outdoor: 300 m. (984.3 ft.)
- 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

### ELECTRICAL REQUIREMENTS

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

### 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)

### PHYSICAL CHARACTERISTICS

- Size: 100 x 38 x 100 mm (3.9 x 1.2 x 3.9 in.)
- Weight: 120 gr. (4.2 oz)
- 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.

### Learn More

Learn what Spectralink wireless telephones can do for your organisation. Visit us at [spectralink.com](http://spectralink.com) or contact your Spectralink representative.

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