

# IP DECT BASE 300



when communication is **critical**

## FEATURES

- **Integrated part in STENTOFON AlphaCom E solution**
- **Limited radio coverage with 1 base station and upto 3 repeaters**
- **Base station radio coverage**
  - o Indoor - max 50m
  - o Outdoor – max 150m
- **DECT repeaters can be added to extend radio coverage**
- **Robustness even in hostile radio environments - using Dynamic Channel Selection and Allocation**
- **Encrypted radio communication**
- **Cost efficient implementations of system components**
- **Special purpose handset for – office, rough and EX**



## DESCRIPTION

The STENTOFON IP DECT 300 System is an integrated part of the STENTOFON AlphaCom E solution. The DECT cordless phones, intercom and analogue telephones have all access to the AlphaCom E services. Users will be able to enjoy the benefits of one users experience with seamless mobility. The IP DECT 300 System provides radio coverage within a limited area supporting a single base station. The base station has maximum radio coverage of 50m indoor and 150m outdoor. To extend the radio coverage of the base station upto 3 DECT repeater can be added. A DECT repeater does not require any network connection except power. The IP DECT 300 system is easy to install. The DECT base stations connect directly to the AlphaCom E exchange over the IP data network. The DECT base stations have very good robustness against radio interference even in hostile radio environment. The system uses Dynamic Channel Selection and Allocation (DCS) and is thereby able to reduce the levels of interference, and ensure that links are set up using best radio channels.

Note! Rooms with steel walls, floor and ceiling are areas that are difficult to cover with radio. Zenitel cannot promise 100% coverage in these areas. However, it shall be noted that DECT provides good and better radio coverage in these areas compared to other technologies like WiFi phones.

DECT or Digital Enhanced Cordless Telecommunications is a European standard for digital cordless phones. Today the DECT standard is approved world wide.

Note! Each DECT phone requires a SIP user license in the AlphaCom E exchange.

ORDER NUMBER	DESCRIPTION	SHIP WEIGHT
2211010100	IP Dect Base 300 Provides DECT radio coverage	0.12 kg
2211050100	Base Repeater Wall Used to extend radio coverage from base station	0.12 kg
2211050120	Base Repeater Mounting Kit Used for on wall mounting of repeater and base stations	0.2 kg
2211050130	Repeater Programming Kit	0.2 kg
1009643006	SIP Station License for 6 SIP Telephones, required for every 6 DECT cordless handset	

## IP DECT BASE 300

### SPECIFICATIONS

Dimension (HxWxD) (mm) IP DECT BASE 300 BASE REPEATER WALL	100 x 100 x 38 100 x 100 x 38
Material	White plastic
Mounting	On wall
Power IP DECT BASE 300 BASE REPEATER WALL	Power over Ethernet (IEEE 802.af) 110 – 230 VAC
Network interface	10/100 Mbps Ethernet, RJ45
Capacity	Single base station, max. 12 users
Radio	DECT GAP Handover and roaming between base stations Dynamic channel selection and allocation Repeater support Encrypted radio
Radio frequency	1881.792-1897.344 MHz (License free band Europe) 1902.528-1918.080 MHz (License free band North America)
Call features	Number and name presentation Outgoing call barring Call billing (Require VINGTOR Billing)

### OVERVIEW

