

2211000100

Server 6000

IP Dect System

DISCONTINUED PRODUCT.

REPLACED BY 2211010200 or 2211000150

Description

- ✓ Integrated part in Vingtor-Stentofon ACM solution
- ✓ Wide area coverage with upto 256 base stations
- ✓ Centralized radio planning, configuration and monitoring
- ✓ Base station radio coverage
- ✓ Indoor - max 50m
- ✓ Outdoor – max 150m

DECT repeaters can be added to extend radio coverage

Robustness even in hostile radio environments - using Dynamic Channel Selection and Allocation

Supports handover and roaming between base stations
Encrypted radio communication
Cost efficient implementations of system components
Special purpose handset for marine usage – office, rough and EX

The Vingtor-Stentofon IP DECT 6000 System is an integrated part of the following Vingtor-Stentofon ACM systems:

- ACM Analogue System
- ACM Standard Integrated System
- ACM Advanced Integrated System

The DECT cordless phones, VMP intercom and analogue telephones have all access to the ACM services. Users will be able to enjoy the benefits of one users experience and seamless mobility as they will always be contactable where ever they are on the ship.

The IP DECT 6000 System provides wide area coverage. The systems support up to 256 base stations. Each base station has maximum radio coverage of 50m indoor and 150m outdoor. To extend the radio coverage of a base station the system support DECT repeater. A DECT repeater does not require any network connection except power.

Note! The DECT server will centralize all radio planning for easy operation and configuration of all DECT base stations.

The IP DECT 6000 system is easy to install. The DECT base stations connect directly to the ACM system racks 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 under deck 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 ACM system.

Specifications

GENERAL

Dimension (HxWxD) (mm)	
- IP Dect Server 6000	164 x 164 x 54
- IP Dect Base 6000	100 x 100 x 38
- Base Repeater Wall	100 x 100 x 38
Material	White plastic
Mounting	On wall
Power	
- IP Dect Server 6000	110 – 230 VAC
- IP Dect Base 6000	Power over Ethernet (IEEE 802.af)
- Base Repeater Wall	110 – 230 VAC
Network interface	10/100 Mbps Ethernet RJ45
Capacity	Max 256 base stations, Max 11 calls per base station, Max 32 simultaneous calls per system, Max 4096 handsets per system
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)

Radio planning	Centralized radio planning, configuration and monitoring
Call features	Number and name presentation, Outgoing call barring, Call billing (Require VINGTOR Billing)