

# Samsung IP DECT

The freedom of cordless technology.

**Samsung DECT (Digitally Enhanced Cordless Telephony) takes office telephony into new areas by supplementing user's desktop phones with the freedom to move and work around the office environment.**

## Style & functionality in your control Who uses DECT

Samsung DECT is perfect for all business requirements as it provides a variety of features you would expect from a desk phone. Including:

- Personal phonebook
- Vibrate alert
- Roaming
- Auto login
- Silent mode
- Redial function
- Microphone mute

In addition the Samsung DECT is extremely durable with long talk and standby time ensuring you get the best value from your investment for years to come.

## Mobility

Samsung DECT is available in a variety of configurations with the ability to provide a mobility solution to meet your organisation's needs. With a wide variety of enhanced and integrated features available and the registration of up to 200 handsets, a Samsung DECT system delivers simple and stylish mobility for diverse working environments.

- Hospitals, institutions, nursing homes
- Security facilities
- Prisons, government or corporate restricted areas.
- Large supermarkets and retail chains
- Large building stores and contractor sites
- Production sites, factories and large warehouses
- Offices
- Hospitality
- Education establishments

## Key Benefits

- Reduce costs due to reduction in call backs
- Improve customer service as incoming callers reach the correct person immediately
- Base station roaming—wide area, uninterrupted coverage
- Fully ETSI Generic Access Profile (GAP) compliant
- Lower power handset suitable for use where interference would be a problem e.g. Hospitals



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## Technical Specifications

### DECT

Frequency band: 1880 MHz-1930 MHz (DECT)

Four power levels (14,17, 20 AND 24 dBm)

DECT GAP features: connection less handover, enhanced location registration

Wideband Voice (HDSP) Basic Interoperability, Phase 1 (CAT-IQ 1.0)

Authentication/Encryption of base and handset

### Audio

10 audio channels

4 CAT-IQ wideband audio channels using G.722 RFC3711 SRTP

### Antennas

Internal omni-directional antenna

Range: Indoor: 50m

Range: Outdoor: 300m

### Network

TFTP, HTTP, HTTPS for remote configuration and firmware download

VLAN

DHCP options 66 and custom

Embedded web server for easy configuration

### Additional Features

Fast antenna diversity switching

Synchronization via air interface

### Systems

200 users/handsets

40 bases (30 users per base)

### Power Supply

Max consumption: 5W

Power over Ethernet (PoE) 36-60 V- IEEE802.3af (Class 0)

### Ethernet

Connector: RJ45

Housing: IP20

Dimensions: 227 x 279 x 39 mm (H x W x D)

Temperature Range: -5° to +50°

### Other

LED status indication

Over the air handset firmware update

## Samsung DECT Main System Features

- Up to 40 base stations
- Up to 200 handsets
- Handsets can be paired with your desk phone or any other on the system
- A handset can be part of a group (distribute, sequential or unconditional ring mode)
- Simple web based configuration interface
- IP connectivity to give the greatest flexibility and functionality

