

Samsung SME IP DECT Cordless Technology

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The freedom of cordless technology.

Productivity through mobility

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 and functionality in your control

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 and 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.

Samsung DECT- WireLESS is MORE

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.

Samsung DECT solutions can be a real problem solver for companies with staff who need mobile communications in the workplace, vastly improving worker efficiency and reducing on-going communication costs. For large sites, warehousing, hot-desking environments, hotels, hospitals, concert venues, or where staff need to be contactable on the move, Samsung DECT Solutions offer an array of sophisticated yet user-friendly features.



Benefits of DECT

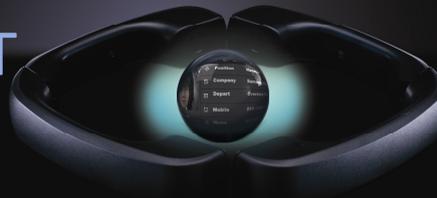
- Lower operational costs vs GSM/mobile telephones
- Lower cost due to reduction in call backs
- Incoming callers reaching the right person immediately
- Base station roaming - wide area, uninterrupted coverage
- Fully ETSI Generic Access Profile (GAP) compliant
- Reducing infrastructure costs
- Lower power handset suitable for use where interference would be a problem e.g. Hospitals

Who uses DECT

- Medical facilities
- 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

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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 or sequential ring mode)
- Simple web based configuration interface
- IP connectivity to give the greatest flexibility and functionality

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: 50 m

Range: Outdoor: 300 m

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 power consumption: 5W

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

Ethernet

Connector; RJ 45

Housing: IP20

Dimensions: 227 x 279 x 39mm(HxWxD)

Temperature Range: -5° to +55°

Other

LED status indication

Over the air handset firmware update