

# M325

Up to 20 handsets on  
single-cell DECT base station



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## Key Features

- M300 base station and M25 handset package
- Up to 20 handsets
- Up to 5 parallel calls
- 75 hours standby and 7 hours talktime

Comprised of the M300 base station and one M25 handset, this single-cell DECT package forms the basis of a uniquely powerful and expansive mobile telephony solution.

Running up to 20 handsets on the base station, this solution means that there will be enough phones for everyone in a small office environment.

With a range of up to 300 meters outdoors and approximately 50 meters indoors, the base station provides broad coverage, which can be extended by adding up to

three snom M5 repeaters to ensure there are no blind spots in a deployment.

snom's single-cell DECT solution is easy to install and provision and utilizes the same interface as snom desk phones for a comfortable and familiar user experience. The solution is interoperable with the full spectrum of major IP PBX systems.

No extra licenses are required for additional codecs, features, audio channels, etc. resulting in no unexpected additional costs or surprises.

## Benefits

### M25 handset

- TFT color display 1,44", 128 x 128 pixels
- 3,5 mm headset jack
- Hands-free talking (speakerphone)
- Up to 75 hours standby time and 7 hours talktime
- 2 x AAA standard batteries
- Message LED

### M300 base station

- Wall mountable
- 1-port 10/100 Mbps connector (RJ45)
- Up to 20 handsets (M25 or M65)
- Up to 3 repeaters per base station

## Firmware

### Features

- 20 SIP accounts for up to 20 handsets
- Call lists for dialed, received, missed calls
- Directory with 50 entries (M25 handset)
- Central directory on the base station with LDAP support
- Multiple language support
- Out-of-band DTMF/SIP INFO DTMF
- Interoperable with all major SIP-PBX platforms
- Over the air firmware update

### Call features

- Caller identification
- Call waiting
- Auto answer
- Lists of missed, received and dialed calls
- Hold
- Handling of up to 2 simultaneous calls
- Blind and attended transfer
- Keyboard lock
- Key tones
- Coverage warning

## Audio

- Codecs:
  - G711 A-law,  $\mu$ law
  - G722 (wideband)
  - G726
  - G729 (A/AB including VAD)
- 6 built-in assignable ringtones (M25)

## Set-up

- Base station configurable via web interface
- Provisioning:
  - DHCP Options 66/67/43
  - Plug & Play (PnP)
  - snom redirection service
  - Secure provisioning with preinstalled certificate
- Handset firmware update over the air via DECT

## Specifications

### Protocols

- SIP (RFC3261)
- DHCP, NTP
- HTTP/HTTPS/TFTP
- LDAP (central Directory)

### User Interface

- 21 keys (including navigation) on M25
- Configurable high-visibility red LED for call indication / message waiting / battery warning
- Menu driven interface
- Reset key on M300
- Localization (language, time, dial tone)

### Security

- DECT wireless encryption
- Transport Layer Security (TLS)
- SRTP (RFC3711), SIPS
- VLAN
- Web interface password protection

**Phone Features**

**M300 base station**

- Dimensions: 178 x 120 x 30 mm
- Input voltage: 5 V DC

**M25 handset**

- Dimensions: 134 x 42 x 23 mm
- Input voltage: 5 V
- Hearing aid compatible
- Environmental conditions
  - Ambient temperature: 0° to 40° C (32° to 104°F)
  - Non-operating temperature: -10° to 45° C
  - Relative humidity: 5% to 95% non-condensing
- Included in delivery:
  - M300 base station
  - M300 power supply
  - M25 handset with 2x AAA batteries
  - M25 charging cradle with power supply
  - Ethernet cable
  - Safety sheets, quick start guide
- Color: black
- Part numbers:
  - EU 00003955
  - US 00003954
  - AU 00004161

**Part numbers for compatible devices**

- M25 handset      EU 00003987
- US 00003988
- AU 00004160
- M65 handset:    00003969
- M5 repeater:    00003930

**Type approval**

- EN 301406 (TBR6)
- IEC60950 -1 (Safety)
- CSA c-CSA-us / UL60950 - 1
- EN 301489 (EMC, ESD)
- RF (EMF, SAR)
- FCC part 15D, conducted & radiated
- FCC part 15B
- RSS213