

# M300

IP DECT base station



## M300

Up to 20 handsets on single-cell DECT base station



### Key Features

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

The M300 base station is 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

- Wall mountable
- 1-port 10/100 Mbps connector (RJ45)
- Up to 20 handsets (M25, M65 or M85)
- Up to 3 repeaters per base station

### Firmware

### Features

- 20 SIP accounts for up to 20 handsets
- 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

### Call features with connected handset

- 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)

### 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

- Reset key
- Localization (language, time, dial tone)

#### Security

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

#### Phone Features

- Dimensions: 178 x 120 x 30 mm
- Input voltage: 5 V DC
- 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
- Ethernet cable
- Quick start guide
- Color: black
- Part numbers:  
EU 00003986

**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

**Part numbers for compatible devices**

- M25 handset    EU 00003987  
                          US 00003988  
                          AU 00004160
- M65 handset:  00003969
- M85 handset:  00004189
- M5 repeater:  00003930