SNOM

M500 DECT Base Station

Key Features

- Up to 2 M500 base stations
- Up to 16 handsets or desksets
- Up to 8 concurrent calls per base
- Programmable keys for handsets and desk phones
- Zero-touch provisioning

Multicell System

OTA Updates

Power over Ethernet

Security (TLS & SRTP)

3-Year Warranty

DECT

Frequency Bands
- EU: 1880 - 1900 MHz
- US: 1920 - 1930 MHz

Output Power
- EU < 250mW
- US < 100 mW

Protocols
- DECT 6.0

Other Features
- Seamless handover and roaming
- Wideband audio
- Authentication/encryption of base and handset

Range

Indoors
- up to 50 meters

Outdoors
- up to 300 meters (for indoor use only)

Phone System
- Up to 10 registered phones in single-cell setup
- Up to 48 SIP accounts
- Up to 8 narrowband or 4 wideband calls per station
- Up to 16 registered phones in multicell setup
- Up to 2 registered base stations in multicell setup

Phone & SIP Features
- Shared call emulation[1]
- Programmable keys
- Busy phone monitoring[2]
- Paging zones
- Intercom
- Remote XML and LDAP directories
- Shared directory with up to 500 entries

Audio/Codecs
- G.722
- G.711 A-law, u-law
- G.726
- G.729ab
- iLBC
- OPUS
- Codec negotiation, codec switching

User Interfaces
- 2 dual color LED - SIP and DECT status
- 1 green LED - power
- Reset key
- Function key - DECT pairing/locator
- USB (future expansion)
- Web interface

Installation
- Positioning: Desk/Wall Mount
- Remote software updates via HTTP/HTTPS/TFTP
- Automatic loading of settings via HTTP/HTTPS/TFTP
- Zero touch provisioning and authentication with Mutual TLS through individual certificate issued by Snom CA
- Completely configurable through the web interface
- Static IP, DHCP support
- NTP (Network Time Protocol)
- 2nd RJ45 for M500 network daisy chain

Hardware Specifications

Weight (Approximately)
- 307g

Dimensions
- 189mm x 123mm x 70mm with stand
- 175mm x 123mm x 38mm without stand

Power
- Power over Ethernet (PoE) IEEE802.3af Class 2, optional 5V DC power adapter if no PoE

Other Features
- Ethernet Connector: 2x RJ45
- LAN Interface: GigE
- Color: Black
- Part Number: 00004524

Network
- HTTP and HTTPS
- LLDP
- IEEE 802.1Q
- TLS 1.2

Compatible Phones
- Snom M55 DECT Handset: 00004526 (US)
- Snom M58 DECT Desk Phone: 00004528 (US)

APN # for Optional Accessories
- Power Adaptor Snom A6 / US Clip: 26-350200-3UL

1 - Refers to programmable key type that allows calls to be visible and accessible on different phones via key press. This is comparable to old key system operation.

2 - Refers to programmable key type that allows indication if a phone is busy in a call. This is comparable to SIP BLF operation.