

M400



Dual-cell scalability



Power over Ethernet (PoE)



Security (TLS & SRTP)



OTA Updates



Directory

The M400 dual-cell DECT base station for seamless business mobility

The dual-cell M400 DECT base station offers the full range of telephony business features. In a dual cell installation, it ensures uninterrupted availability, seamless handover and can be used with all Snom multicell endpoints. The M400 provides an automated dual-cell chain to the local network to upscale the communication solution and features a powerful DECT call manager for up to 20 parallel

calls in a dual-cell installation with up to 40 SIP accounts in a dual-cell setup. For Cloud and VoIP PBX partners, the M400 offers remote maintainability and zero-touch deployment. The M400 complies with the latest encryption standards and shares the same architecture as the M900 multicell system for the latest software and security updates.

Technical Specifications

Basics

- Colour white
- Wall mountable
- Product numbers
 - M400 | DECT dual-cell base station | EU & UK | PN 00004587
 - M400 | DECT dual-cell base station | Americas | PN 00004588

Dimensions and weight

- Dimensions (H x W x D, approx.)
 - 112 mm x 90 mm x 36 mm
- Weight (approx.)
 - 170 g

Indicators and keys

- 1 multicolour LED
- 1 dedicated function key Reset

Audio codecs and features

- Audio codecs
 - G.711 (A-law, μ -law), G.722, G.726, G.729
- Related features
 - Codec negotiation, codec switching

Interfaces and connections

- M400 power options
 - Power over Ethernet (PoE), IEEE 802.3af, class 2
- Wired interfaces
 - RJ45-8P8C 10/100 Mbit Ethernet port
- Wireless interfaces
 - DECT

User interfaces and setup

- Configuration and setup via menu-driven web user interface (WUI)
- Automatic configuration via provisioning
 - Loading of settings and firmware via HTTP / HTTPS / TFTP
 - Secure provisioning with preinstalled certificate
 - Cloud Zero-Touch Provisioning
- Localization
 - Timezone, Dial tone
- Diagnostic
 - DECT messages, alarms, location
- Related features
 - XML browser
 - Automatic dual-cell chain setup
 - Compatible handset feature RSSI tool, no additional measurement equipment needed

Directory support and call features

- Directory support
 - LDAP (server-based directory)
 - XML phonebook support
- Related features
 - List of registered mobile handsets, repeaters, location gateways

DECT technology and features

- Standard: DECT¹
 - Antenna diversity (2 internal omni-directional antennas for better transmission and reception)
 - Authentication/encryption of base and handset
 - Seamless handover and roaming using DECT synchronisation
 - Wideband audio
- Frequency band
 - Europe: 1,880 - 1,900 MHz
 - USA: 1,920 - 1,930 MHz
- Output power
 - Europe: less than 250 mW
 - USA: less than 100 mW
 - Level (dbm): 14, 17, 20, 24
- Coverage
 - Up to 50 m indoor range / 300 m outdoor range
- Handsets
 - Up to 20 per base station / 40 per dual-cell installation
- Repeaters
 - Up to 6 per base station / 12 per dual-cell installation
- Calls in single-cell system
 - Up to 10 narrowband calls / 5 wideband calls
- Calls in dual-cell system
 - Up to 20 narrowband calls / 10 wideband calls
- Related features
 - Software upgrade over the air (SUOTA)

Networking technologies and protocols

- Network technologies
 - VLAN (IEEE 802.1Q)
- Secure VoIP protocols
 - SIPS (SIP over TLS), SRTP (RFC 3711)
- Network protocols
 - DHCP, NTP, LLDP-MED, HTTP
- Secure network protocols
 - TLS V1.2, HTTPS
- Quality of Service (QoS)
 - ToS

Technical Specifications

Interoperability

- Certified VoIP partner

Environmental conditions

- Operating ambient temperature: -10 °C to 50 °C (14 °F to 122 °F)

Package contents

- DECT base station unit
- Quick Installation Guide (QIG)
- Information sheets (security, standards)

¹ DECT devices manufactured for the United States and Canada are marketed as DECT 6.0

Type approval and standards conformance

- Information technology equipment - Safety 62368-1
- WEEE 2012/19/EU
- FCC (ID T7HX9431)

Accessories

- 00004607 | [M30](#) | DECT handset | EU & UK
- 00004423 | [M70](#) | DECT handset
- 00004424 | [M80](#) | DECT handset
- 00004189 | [M85](#) | DECT handset
- 00004425 | [M90](#) | DECT handset

Series overview



Disclaimer

For further product information visit: [Snom website](#) | [Snom Service Hub](#) | [Warranty information](#)

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