

M100 SC



Power over Ethernet (PoE)



Security (TLS & SRTP)



Directory



OTA Updates

M100 SC - the compact DECT base station for up to 8 SIP accounts

Up to 10 compatible M10 SC DECT handsets can be operated on the single-cell M100 SC base station, making the system ideal for small office/home office use. The unique Snom 'Shared Call Emulation' feature enables call sharing on all connected M10 SC handsets without programming knowledge or support from VoIP providers.

The system can be set-up and maintained both via the web interface and automatically through provisioning. Software updates of the M10 SC are carried out via the DECT interface of the base station, ensuring trouble-free operation at all times. Existing PoE switches can be used to power the base station via the network cable.

Technical Specifications

Basics

- Colour black
- Wall mountable
- Product numbers
 - M100 SC | DECT single-cell base station | EU & UK | 00004451

Interfaces and connections

- M100 power options
 - Power over Ethernet (PoE), IEEE 802.3af, class 2
 - Power adapter: 100 - 240 V AC / 50 - 60 Hz | 5 V DC / 800 mA
- Wired interfaces
 - 1 coaxial power adapter connector
 - RJ45-8P8C 10/100 Mbit Ethernet port
- Wireless interfaces
 - DECT

User interfaces and setup

- [Configuration and setup via menu-driven web user interface \(WUI\)](#)
 - Password-protected login
 - Secure web server/client (HTTPS)
 - [Languages](#)
- [Automatic configuration via provisioning](#)
 - Loading of settings and firmware via HTTP / HTTPS / TFTP
 - Supported DHCP provisioning options 66, 159, 160
 - Secure Redirection And Provisioning Service (SRAPS) support
 - Remote management via TR-069
 - Plug & Play (PnP) support
 - Secure provisioning with preinstalled certificate
 - Provisioning file with AES encryption
- Localization
 - Timezone
 - Additional language support
 - Dial tone
- Diagnostic
 - PCAP trace
 - Syslog
- Related features
 - Custom default file

Dimensions and weight

- Dimensions (H x W x D, approx.)
 - Base station: 116 mm x 151 mm x 42.4 mm
 - Packaging: 125 mm x 156 mm x 72 mm
- Weight (approx.)
 - Base station: 227 g
 - Packaging: 331 g

Indicators and keys

- 2 LED indicators
 - 1 LED for VoIP indication, 1 LED for power status indication
- 2 hard keys in total
 - Handset localisation, Reset

Directory support and call features

- 8 SIP identities / accounts
 - Up to 6 simultaneous calls
- Directory support
 - [LDAP \(server-based directory\)](#)
 - Import/export phone book (CSV, XML)
 - Central directory on the base station with up to 1,000 shared entries
 - [XML phonebook support](#)
- Outgoing call features
 - [Speed dialling \(10 entries\)](#)
 - [Local dial plan](#)
 - [Redial](#)
 - Caller identification (CLIP)
 - Intercom between DECT handsets²
- Incoming call features
 - [Call barring/blocking: via deny list](#), Anonymous calls
 - [Call diversion](#)
 - Do Not Disturb (DND) mode
- Connected call features
 - Mute microphone
 - Hold
 - [Blind call transfer](#)
 - [Attended call transfer](#)
 - External/internal call transfer between DECT handsets²
 - N-way network conferencing
 - 3-way local conferencing
- Related features
 - Call history lists of 200 missed, received, dialed calls
 - Call timer (call duration)
 - Shared Call Emulation
 - Phone book matching for incoming and outgoing calls

Technical Specifications

Technologies and protocols

- DECT
 - Software upgrade over the air (SUOTA)
 - Up to 10 handsets
- DECT frequency band
 - 1,880 - 1,900 MHz
- Network technologies
 - [OpenVPN](#), [VLAN \(IEEE 802.1Q\)](#)
- VoIP related protocols and techniques
 - [SIP \(RFC 3261\)](#), [RTP \(RFC 8866\)](#), [STUN \(RFC 5389\)](#)
- Secure VoIP protocols
 - [SRTP \(RFC 3711\)](#)
- Network protocols
 - IPv4 /IPv6: Static, PPPoE, [DHCP](#), [LLDP-MED](#), HTTP, FTP, [TFTP](#), SNMP, NAT
- Secure network protocols
 - [TLS](#), HTTPS, [IEEE 802.1X \(p/q\)](#)
- Quality of Service (QoS)
 - ToS, DiffServ
- Audio codecs
 - G.711 (A-law, μ -law), G.722, G.726, G.729AB, iLBC
- Remote management protocols
 - [TR-069](#)
- Related features
 - DNS Override
 - Mutual authentication
 - Failover support and server redundancy

Interoperability

- Asterisk PBX
- Broadsoft® Broadworks
- [Certified VoIP partner](#)¹

Package contents

- DECT base station unit
- 1 Ethernet cable
- Power adapter
- Wall mount plate
- Quick Installation Guide (QIG)

Accessories

- 00004452 | M10 SC | DECT handset | EU & UK

¹ Features and functionality may vary, depending on SIP service provider and/or SIP phone system platform

² Function only available when paired to the M10 SC

Series overview



M100 SC



M10 SC

Disclaimer

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

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