

M110 SC



DECT



Single-cell
system



GAP
compatible



Shared Call
Emulation
(SCE)



Power over
Ethernet
(PoE)



Security (TLS
& SRTP)



Directory



OTA Updates

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.

Basics

- Product information
 - Bundle DECT single-cell base station M100 SC, DECT handset M10 SC and charging cradle | EU & UK | black | PN 00004610
- Placement: indoor, desktop, wall mounting

Dimensions and weight

- Dimensions (H × W × D, approx.)
 - Base station: 151 mm × 116 mm × 42 mm
 - DECT handset: 173 mm × 49 mm × 27 mm
 - Charging cradle: 54 mm × 76 mm × 82 mm
- Weight (approx.)
 - Base station: 227 g
 - DECT handset: 195 g

Display and indicators

- Base station
 - 2 LED indicators
 - Power status indication: 1 green LED
 - VoIP status indication: 1 green LED
- DECT handset¹
 - Display
 - 5 LED indicators

Keys

- Base station
 - 2 hard keys in total
 - Handset localisation
 - Reset
- DECT handset¹
 - 29 hard keys in total

Interfaces and connections

- Base station
 - Power options
 - [Power over Ethernet \(PoE\)](#): IEEE 802.3af, class 2
 - Power adapter:² 100 - 240 V AC / 50 - 60 Hz | 5 V DC / 800 mA
 - Wired interfaces
 - Power adapter:² coaxial power connector (socket)
 - Network connectivity RJ45-8P8C socket → Ethernet 10/100 Mbit/s:
 - Wireless interfaces
 - DECT⁵
- DECT handset¹
 - Power options
 - Battery: 2.4 V, 550 mAh, Ni-MH
 - Charging cradle: Power adapter

Audio features

- Base station
 - Audio codecs: G.711 (A-law, μ-law), G.722, G.726, G.729AB, iLBC
- DECT handset¹

DECT technology and features

- Standard: DECT⁵
- Frequency band
 - Europe: 1,880 - 1,900 MHz
- Coverage
 - Up to 300 m outdoor range
 - Up to 50 m indoor range
- Handsets: up to 10¹
- Software upgrade over the air (SUOTA)

User interfaces and setup

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

Directory support and call features

- 8 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: up to 10
 - Local dial plan
 - Redial
 - Caller identification (CLIP)
 - Intercom between DECT handsets¹
- Incoming call features
 - Call barring/blocking: deny list, anonymous calls, Do Not Disturb (DND) mode
 - Call diversion
- Connected call features
 - Mute microphone
 - Hold
 - Blind call transfer
 - Attended call transfer
 - External/internal call transfer between DECT handsets¹
 - N-way network conferencing
 - 3-way local conferencing
- Related features
 - Call history of 200 missed, received, dialed calls
 - Phone book matching for incoming and outgoing calls
 - Shared Call Emulation⁴
 - Call timer (call duration)

Interoperability³

- Asterisk PBX
- Broadsoft® Broadworks
- Certified VoIP partner

Networking technologies and protocols

- Network technologies
 - [VLAN \(IEEE 802.1q\)](#)
 - [OpenVPN](#)
- VoIP related protocols and techniques
 - [SIP, RTP, STUN](#)
- Secure VoIP protocols
 - [SRTP](#)
- Network protocols
 - IPv4 /IPv6: Static, PPPoE, [DHCP](#), [LLDP-MED](#), [HTTP](#), [FTP](#), [TFTP](#), [SNTP](#), [NAT](#)
- Secure network protocols
 - [TLS V1.2](#), [HTTPS](#), [IEEE 802.1X \(p/q\)](#)
- Quality of Service (QoS)
 - ToS, DiffServ
- Remote management protocols
 - [TR-069](#)
- Related features
 - DNS Override
 - Mutual authentication
 - Failover support and server redundancy

Environmental conditions

- Operating ambient temperature: 0 °C - +40 °C
- Humidity (non-condensing): < 95 %

Package contents

- Hardware
 - DECT base station M100 SC
 - Ethernet cable
 - Wall mount plate
- DECT handset M10 SC
 - Charging cradle
 - Power adapter
 - Battery & belt clip
- Documentation
 - [Quick Installation Guide](#)

Snom accessories and compatible devices

- Power adapter
 - EU: M100 PSU (PN 00004373)
 - UK: M100 PSU (PN 00004374)
- DECT handset: [M10 SC \(PN 00004452\)](#)

¹ Function only available when paired to the M10 SC → [data sheet M10 SC](#)

² Available separately

³ Features and functionality may vary, depending on SIP service provider and/or SIP phone system platform

⁴ Shared Call Emulation: Snom's unique PBX feature emulation for line, hold/unhold and call pick-up

⁵ DECT devices manufactured for the USA and Canada are marketed as DECT 6.0

Series overview



M110 SC



M10 SC

Disclaimer

Further information: [Snom M110 SC webpage](#) | [Snom Service Hub](#) | [Type approval](#) | [Warranty information](#) | [Company locations](#)

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