

M6



DECT



Single-cell compatible



Multicell compatible



Plug & Play

M6 repeater - Snom's scalable solution for the SME business environment

The M6 DECT repeater is suitable for extending the range of your DECT base stations, whether in multi-cell operation or as a single base, over several floors or over large buildings without a LAN connection. The repeater extends the transmission and reception ranges of DECT base stations and handsets and

bridges gaps in coverage. This creates an optimal wireless network that allows free movement between the individual stations without any loss of conversation or quality. The M6 DECT repeater supports all single and multi-cell systems, such as M300, M400, M700, M900.

Product variants



M6 | EU / Americas | PN 00004586



M6 | UK | PN 00004639

Basics

- Product information
 - DECT repeater
 - Colour: white
 - Compatible with Snom DECT multicell systems
- Placement: indoor, desktop, wall mounting
- Antenna diversity: 2 internal omni-directional antennas
- Daisy-chain up to 6 repeaters

Dimensions and weight

- Dimensions (H x W x D, approx.)
 - 112 mm x 90 mm x 36 mm
- Weight (approx.)
 - DECT repeater: 120 g
 - Power adapter: 60 g

Indicators and keys

- Multi-purpose status indication: 1 dual-colour LED
- 1 dedicated function key: Reset

Interfaces and connections

- Power options
 - Power adapter: 100 - 240 V AC / 50 - 60 Hz | 5.5 V DC / 300 mA
- Wired interfaces
 - Power adapter: coaxial power connector (socket)
- Wireless interfaces
 - DECT¹

DECT technology and features

- Standard: DECT (DSAA2)¹
 - Authentication/encryption of base and handset
 - Seamless handover
 - 12 time slots
 - Receiver sensitivity: -92 dBm
- Frequency band
 - Europe: 1,880 - 1,900 MHz
 - Latin America: 1,910 - 1,930 MHz
 - USA: 1,920 - 1,930 MHz
- Coverage
 - Up to 50 m indoor range
 - Up to 100 m outdoor range
- Simultaneous calls per repeater
 - Wideband calls: up to 2
 - Narrowband calls: up to 4
- Related features
 - Zero-Touch installation
 - Auto registration when not registered

Package contents

- Hardware
 - DECT repeater M6
 - Power adapter
 - Power adapter clips: EU, UK, USA
- Documentation
 - [Quick Installation Guide \(QIG\)](#)

Snom accessories and compatible devices

- DECT base station
 - M300 (EoS, FW > 530.9) (PN 00003986)
 - M400 (PN 00004587)
 - M700 (EoL, FW > 530.9) (PN 00003928 PN 00003929)
 - M900 (PN 00004426)
 - M900 outdoor (PN 00004478)

- DECT handset
 - M25 (PN 00003987)
 - M30 (PN 00004607)
 - M65 (EoS) (PN 00003969)
 - M70 (PN 00004423)
 - M80 (PN 00004423)
 - M85 (PN 00004189)
 - M90 (PN 00004425)



M300 (EoS)



M400



M700 (EoL)



M900



M900 Outdoor



M25



M30



M65 (EoS)



M70



M80



M85



M90

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

Disclaimer

Further information: [Snom website](#) | [Snom Service Hub](#) | [Type approval](#) | [Warranty information](#)

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