

Snom M900 DECT Multicell Base Station (M900)



Product Name: Snom M900 DECT Multicell Base Station (M900)

Manufacturer: Snom

Model Number: M900

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The Snom M900 provides a solid foundation for any installation size. From a small office with only one base station up to, for example, a hospital with several thousand devices, the integrated DECT manager housing state-of-the-art technology, can enable individual installations comprising up to 4,000 base stations and up to 16,000 handsets. Thanks to the M900 base station, the maintenance of the devices can also be carried out easily and efficiently. Each base station can wirelessly send software updates to the connected handsets, greatly reducing the workload for the IT department.

Snom M900 Key Features

- Up to 4,000 base stations
- Up to 16,000 handsets
- DECT and LAN synchronisation
- No DECT manager required
- Compatible to existing handsets
- Over-the-air software updates for handsets
- Repeater support
- PoE and power adapter support
- TLS encryption
- DSP module support
- Wallmountable
- Local, XML and LDAP phone book support

Snom M900 Technical Specifications

DECT

- Frequency bands: - 1880-1900 MHz (EU)- 1920-1930 MHz (US)
- Output power: EU < 250 mW, USA < 140 mW
- Protocols: DECT, DECT 6.0
- Seamless handover and roaming Handover using DECT or LAN synchronisation (IEEE1588)
- Wideband audio
- Authentication/encryption of base and handset

Range

- Indoors: Up to 50 meters
- Outdoors: Up to 300 meters (for indoor use only)

Multicell System

- Up to 16,000 registered handsets in the same network in multicell setup
- Up to 4,000 registered base stations in a multicell setup
- Up to 100 repeaters in a multicell setup
- Up to 8 narrowband or 4 wideband calls per base station in multicell setup
- Up to 10 narrowband or 5 wideband calls per base station in single-cell set-up
- Common phonebook with up to 3000 entries
- List of registered handsets
- Compatible to M700 running the same software version

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Audio, Codecs

- G.722 (5 channels; 4 in multicell operation)
- G.711 A-law, μ -law,
- G.726 (10 channels; 8 in multicell operation)
- Codec negotiation, codec switching
- A900 enables - G.729 (10 channels, 8 multicell operations) - BV32 (10 channels, 8 multicell operations)- Opus (8 channels)

User Interfaces

- LED status indication, multicolour
- Reset key
- Web interface

Installation

- Positioning: - Wall mounting - Ceiling mounting
- Remote software updates via HTTP/ HTTPS/TFTP
- Automatic loading of settings via HTTP/ HTTPS/ TFTP
- Completely configurable through Web interface
- Static IP, DHCP support
- NTP (Network Time Protocol)
- Secure provisioning and authentication with Mutual TLS through individual certificate issued by Snom CA
- Compatible handset feature RSSI tool, no additional measurement equipment needed

Hardware Specifications

- Weight: approx. 306g
- Dimensions: approx. 144x140x35 mmm (LxWxD)
- Antenna diversity (two internal omni-directional antennas for better transmission and reception)
- Power: Power over Ethernet (PoE) IEEE802.3af Class 2. If PoE is not available, the A5 PoE injector can be used (not included), Power adapter available
- Ethernet connector: RJ 45
- LAN interface: 10/100 BASE-T IEEE 802.3
- Colour: White
- Part Number: 00004426 (EU), 00004441(US)

Network

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

Price: £254.00

Options available for Snom M900 DECT Multicell Base Station (M900) :

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Need Product Setup / Training / Support?

Required - 30 minutes (+£40.00), Not Required, Required - 1 Hour (+£65.00).