

snom[®] m9



snom OCS_{edition}

klarVOICE
BY CLEAR QUALITY



- Interference-free telephony
- 100+ hours standby time
- High interoperability
- Voice encryption
- Wideband audio
- IPv6 ready
- Intercom, alarm and calendar function
- And much more

The **snom** m9 is the next generation DECT handheld (CAT-iq) that empowers users with the convenience of wireless communication along with the widely accepted benefits and feature richness of Voice over IP telephony. The **snom** m9 promises to deliver excellent speech quality through digital and wideband audio (klarVOICE).

By combining professional functions of versatile business communication with the intuitive features of the mobile carrier world, the **snom** m9 is ideally suited for professional and private use alike. With features such as hands free mode, calling line identification (CLI) by displaying name, number and image of the caller as well as typical mobile phone features such as address book, calendar, calculator and alarm function, the **snom** m9 provides the perfect blend of mobility and accessibility.

The DECT based **snom** m9 provides interference free communication by making use of the dedicated DECT frequency band.

In addition, the **snom** m9 delivers the typical benefits of the DECT world such as high standby time and superior speech quality in addition to internet application integration (CAT-iq), thus providing a decisive edge over VoWLAN handhelds. The working range of the **snom** m9 access point is roughly 50m indoors and approx. 300m outdoors (depending on the actual topology of a building and/or outdoor premise).

The intuitive design of the **snom** m9 makes it a highly consumer friendly and convenient handheld device. With its illuminated keypad and TFT color display, the cordless phone is ideally suited for enterprise and SoHo environments alike. The menu driven graphical user interface allows intuitive usage and five navigation keys provide easy access to most of the phone functions saving users from the hassle of searching through complicated menus. Further more, the USB interface and the large flash memory provide an excellent potential for future enhancements.

The attractive design underlined by its modern look is what defines this state-of-the-art VoIP wireless telephone.

To enable seamless integration in most VoIP environments, the **snom** m9 delivers pre-configured PBX profiles allowing it to be employed in parallel with the most popular SIP platforms (e.g. Asterisk based systems) with the click of a button. In addition, the **snom** m9 boasts integration possibility with Microsoft[™] Office Communications Server 2007 R2, making it the only digital cordless phone in the market to offer this benefit. A further advantage of **snom** m9: the terminal already supports the latest IPv6-standard with its very first release. Such features combined with automatic configuration download make the **snom** m9 a truly unique cordless device.

Last but not least, the **snom** m9 incorporates the renowned SIP stack from snom with its decade long proven interoperability and technology leadership.

Technical Data snom m9

DISPLAY

- Color TFT Display (65,536 colors)
- Resolution 128x128 Pixel
- 5-step contrast adjustment
- Status indication of signal strength, alarm, "DND", call diversion, battery status, MWI, loudspeaker
- Date & time (manual or auto synchronized)
- Caller ID with name and image
- National Language Support

MEASUREMENTS

- Size: 125 x 50 x 20 mm
- Base station: 168 x 144 x 32 mm
- Charging cradle: 80 x 72 x 21 mm

WEIGHT

- Handset (approx.): 98g
- Base station: 275g
- Charging cradle: 80g

BATTERY

- Li-Ion 3.7V

POWER

- Charging cradle: 5.9V DC
- Base station: 5V DC

KEYPAD

- Illuminated
- 12 numeric keys
- 2 softkeys
- 5 navigation keys
- Key-barring
- Loudspeaker
- Volume adjustment
- 24-digit input
- Multiple input modes

USER INTERFACE

- Emergency calls
- Call lists (missed, dialed, received)
- Address book (170 entries)
- Digital clock with automatic time synchronization
- Talktime indication
- Convenient and intuitive menu structure
- Polyphonic ringtones
- Handsfree mode
- Customizable wallpaper
- Screensaver
- Auto answer

FURTHER FUNCTIONS

- USB interface
- Music-on-hold (only when connected to PBX)
- Call hold
- Call transfer
- Call redirection
- Caller lists
- Call Waiting Indication (CWI)
- Message Waiting Indication (MWI)
- Do Not Disturb (DND)
- RSS Feed Reader
- Missed calls indication
- 4 simultaneous VoIP calls
- Registration of up to 9 handsets
- Intercom (handset-to-handset calling without PBX)
- Calling line identification from address book
- Mailbox (PBX)
- VCARD 3.0 support
- Speed dial
- LDAP

AUDIO

- Wideband audio
- Voice Encryption (SRTP)
- Mute function
- Volume adjustment – 6 steps
- Separate settings for a) handsfree and b) headset

- Ringer volume – 6 steps + OFF
- 2.5mm Headset Jack
- Key-press tone – Click, DTMF and special sounds
- Acoustic warning for low battery status and charging

CODECS

- G.711, G.722, G.726, G.729

VOIP

- Pre-configured PBX profiles
- IPv6 ready
- snom OCS edition ready
- RFC3261-compliant
- Digest and NTLM authentication
- DNS SRV (RFC3263),
- Offer/answer (RFC3264)
- Indication of incoming messages (MWI in accordance with RFC3265)
- DTMF (Inband, Outband, SIP INFO)
- SIP configuration via base station or handset
- SIPS/TLS

INSTALLATION

- Automatic software updates
- Automatic upload of settings via HTTP and TFTP
- Control LEDs on base station for network activity, power and VoIP registration
- Reset key
- VLAN
- Standards: DECT, GAP
- Supports: DECT encryption
- Device diagnostics mode
- LLDP

CONFIGURATION

- Embedded web server
- Autoconfiguration via HTTP/HTTPS
- Embedded X.509 certificate
- TR-69/TR-111 for remote device management
- Over-the-air and USB firmware upgrade

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