snom m9r

- **DECT 6.0**
- **Digital audio quality**
- **100+ hours of stand-by time**
- **4 concurrent calls**
- **9 handsets connectivity**
- **Color picture Caller-ID**
- **Voice and call data privacy**
- **Native IPv6 support**

The **snom m9r** is the next generation snom DECT handheld that combines the convenience of wireless communication with the widely accepted benefits and feature richness of Voice over IP telephony and excellent speech quality through digital cordless audio.

By combining functions of business communication with the ease of use of consumer products, the **snom m9r** is ideally suited for professional and private use alike.

With its illuminated keypad and TFT color display, the **snom m9r** provides the perfect blend of mobility and accessibility 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 menu driven graphical user interface allows intuitive use of the handset via five navigation keys.

The **snom m9r** provides interference free communication by making use of the dedicated DECT frequency band. In addition, the **snom m9r** delivers the typical benefits of the DECT world such as high standby time and superior speech quality in addition to internet application integration, thus providing a decisive edge over WLAN-based handhelds.

The access point covers roughly 50m (150 ft) indoors and approx. 300m (1000 ft) outdoors (depending on the actual topology of a building and/or outdoor premise).

Users requiring mobility in larger buildings can pair the **snom m9r** with a DECT repeater to extend the signal coverage according to their needs. In this configuration, the DECT handsets registered to the base station can be used in both the base station and the repeater coverage area, thereby providing users with greater freedom of mobility.

The **snom m9r** delivers pre-configured PBX profiles, allowing it to be employed in parallel with the most popular SIP platforms with the click of a button and making the seamless integration into most VoIP environments possible.

And last but not least: The USB interface and the large flash memory provide an excellent potential for future enhancements.

Technical Data snom m9r

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
- 48-digit input
- Multiple input modes

USER INTERFACE

- Emergency calls
- Call lists (missed, dialed, received)
- Address book (500 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
- CLIP/CLIR
- Dial plans
- SIP URI Dialing

AUDIO

- Wideband audio
- Voice Encryption (SRTP)
- Mute function
- Handsfree and headset operation modes
- Volume adjustment – 6 steps
- Ringer volume – 6 steps + OFF
- 2.5 mm Headset Jack
- Multiple advisory tones
- Acoustic warning for low battery status and charging

CODECS

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

VOIP

- Pre-configured PBX profiles
- IPv6 ready
- RFC3261-compliant
- Digest and NTLM authentification
- 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 and SRTP Support
- STUN support for NAT Traversal

DECT

- **Standards:** DECT/DECT 6.0, GAP
- DECT encryption support
- DECT repeater support (availability anticipated for 3rd/4th Qtr, 2012)

INSTALLATION

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

CONFIGURATION

- Embedded web server
- Autoconfiguration via HTTP/HTTPS
- Embedded X.509 certificate
- Over-the-air and USB firmware upgrade