

# snom m3

more mobility in everyday business



- Display: 128 x 128 pixels, 65536 colors
- 3 concurrent VoIP Calls (SIP 2.0 – RFC3261)
- Operating time, 20 hours talk/ 100 hours standby
- Address book (170 entries)
- Speakerphone
- Automatic registration of handset to gateway
- High capacity Li-Ion battery
- Hearing aid compatible
- National Language Support

With the new **snom m3**, snom offers its business customers a sophisticated IP DECT phone with its numerous functions and elegant design that ideally rounds off the range of snom desktop phones. The **snom m3** combines mobility with dependability for a large number of business applications and thereby ensures maximum flexibility for each user.

As a first-class expansion of IP-based telephony solutions using the well-known snom tabletop phones, the **snom m3** is the wireless complement for more mobility and freedom with the quality, that customers have come to expect from snom.

The **snom m3** allows the discerning user easy access to all functions via color user interface. The **snom m3** also impresses with its brilliant design. The decision to integrate DECT technology is an expression of snom's business philosophy to offer dependable VoIP phones that are highly interoperable as well as user-friendly to operate.

For the specific use on frequently called extensions, the **snom m3** also offers business customers the highest possible flexibility and mobility with functions like holding/resuming calls and call forwarding via SIP. While the caller is holding, music-on-hold is available from the IP PBX. Other important functions like three-party conferences, polyphonic ringtones and

up to 8 different SIP registrations on each handset are applications accessible from the intuitively operable graphical user interface which make the **snom m3** an efficient tool and give a head start on mobility. Numerous other business applications are complemented by many other functions and the enduringly long operating time of the Li-Ion battery pack.

Use the **snom m3** efficiently and – by the simplest means imaginable - connect up to 8 handsets to one base station whose range of 50 meters indoors or 300 meters outdoors may be expanded considerably by up to 6 DECT repeaters. Become mobile with the **snom m3** and increase your and your employees' productivity.

# Technical Data snom m3

## GENERAL FEATURES

- **Dimensions:**
  - approx. 21x126x50mm (handset)
  - approx. 80x73x21mm (charger)
  - approx. 28x144x166mm (gateway)
- **Weight:**
  - approx. 98g (handset with battery)
  - approx. 66g (charger)
  - approx. 260g (gateway)
- Battery pack: Li-Ion
- Separate charging cradle for handset
- Hearing aid compatible
- Operating time, 20 hours talk/  
100 hours standby
- Automatic registration of handset  
to gateway
- DECT GAP compliant
- DECT Standard: EU & US (6.0)
- Range up to 50 m indoor,  
up to 300 m outdoor
- Belt clip

## CONNECTORS

- 1 x LAN: RJ45 (Ethernet)
- Power: Gateway 12 V DC, 5 V DC; Charger
- Ethernet: 1 x IEEE 802.3 10 Mbps
- Headphone jack (2.5 mm)

## POWER CONSUMPTION

- **115Vrms/50Hz input voltage:**
  - standby: 1.9 W
  - 1 to 3 active VoIP calls: 2.0 - 2.2 W
- **230Vrms/50Hz input voltage:**
  - standby: 2.0 W
  - 1 to 3 active VoIP calls: 2.1 - 2.3 W

## USER INTERFACE

- Display: 128 x 128 pixels, 65536 colors
- Caller-ID
- 12 key numerical keypad; 5-key navikey;  
2 softkeys; 2 hook keys;  
Sidekeys (vol+/-, speakerphone)
- Message waiting indication

- Address book (170 entries)
- Speed dialing
- Lists of missed, received and dialed calls  
(20 entries)
- Call waiting indication
- Clock, daylight saving, call timer
- Menu-driven user interface
- Polyphonic ringtone selection
- Speakerphone
- Auto answer (when handset is  
lifted from charger)
- Key lock option
- Battery charge level indicator

## AUDIO FEATURES

- Mute (disable microphone –  
softkey activation)
- Receiver volume control – 6 levels  
Separate settings for a) handsfree and  
b) headset/earpiece
- Ringer volume – 6 levels + off  
(silence ringer-icon will be displayed)
- Key sounds – click, DTMF and special tones
- Low battery & out of range  
audible warnings

## CALL FEATURES

- Hold
- Call transfer (Attended and Blind);  
call hold SIP
- Music on hold support (only via PBX)
- Divert
- Conferencing (2 handsets + 1 VoIP) +  
(1 handset + 2 VoIP); One conference  
at a time.
- Call park, call pick-up (only via PBX)
- Call waiting/switching between calls
- Redialing
- 3 concurrent VoIP Calls (SIP 2.0 –  
RFC3261)
- 8 handsets; 6 alerting handsets at a time
- Intercom – handset to handset via gateway
- Call forward all, on busy, on no answer  
(support for soft switch)

- Caller ID with name from phonebook
- Voice mail support (reception and handling  
of voice mail indication, and call to voice  
mail server)

## WEB SERVER

- Embedded web server HTTP
- Easy configuration of the phone,  
remote configuration
- Password protection

## CODECS, AUDIO

- G.711 (64 kbps, A-law &  $\mu$ -law)
- G.729AB
- iLBC (Internet Low Bit Rate CODEC)  
(RFC 3951/RFC 3952)

## SIP

- RFC3261 compliance
- Digest/basic authentication
- DNS SRV (RFC3263), redundant  
server support
- Offer/answer (RFC3264)
- Message Waiting Indication (RFC3842),  
subscription for MWI events (RFC3265)
- DTMF sending in call (in band,  
info message and RFC2833)
- STUN Client (NAT Traversal)
- rport (RFC3581) REFER (RFC3515)
- 8 SIP registrations with different SIP  
servers/registrars
- SIP configuration via http-page  
or from handset

## INSTALLATION

- Remote firmware update (HTTP/TFTP)
- Warning – Network outage,  
VoIP service outage
- Reset button
- Power, Network, Registered,  
Call Indicators on Gateway
- NetEQ by GIPS
- VLAN
- DECT interface (EU) or DECT 6.0  
(USA/Canada)
- WLAN friendly

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