



General Information

The snom 320 is ideal for the office and everyone who makes a lot of calls. A 2x24 semi-graphical LCD display shows call lists, address books and call information. The large LED announces incoming calls and all 12 programmable keys have LED indicator to display the presence information of other phone and services. The snom 320 supports several audio devices simultaneously, for example, it is possible to use the handset or headset and the loudspeaker concurrently. The phone is fully supported by the @COM Business Manager v1.3, which means it can be fully provisioned and managed through the web based management interface on the @COM Business Manager v1.3

General Features

User Interface:

- Display 2 x 24 character, tilt-able, semi-graphical display
- Display with automatic backlight
- 47 keys, 12 programmable function keys with LED's used to indicate activated features and Busy Lamp Fields.
- 3 Optional expansion modules of each 42 keys, combined maximum of 138 keys & LED's
- Call indication LED
- 12 Busy Lamp Indication support Expandable
- Caller-ID (with name & number display)
- Message waiting indication LED
- Global Address book access via LDAP
- Personal Address book access (max. 100 entries)
- Local dial plan for automatic dialing of known numbers
- Lists of missed, received and dialed calls (100 entries each)
- Call waiting indication, visual & audible
- Clock, daylight saving, call-timer
- Handling of up to 12 calls simultaneously
- Menu-driven user interface
- Ringtones configurable (programmable via PBX)
- URL Dialing support
- National language support for selected languages (NLS) (In the current release, only English is supported)
- Do not disturb
- Speakerphone (full duplex)
- Auto answer mode
- Keyboard lock

Call Features

- Mute call
- Hold call
- Blind transfer
- Attended transfer
- Call Divert
- Call completion
- Call waiting & switching between calls
- Call park (programmable via PBX)
- Call pickup (programmable via PBX)
- Music-on-hold (programmable via PBX)
- Conferencing (3-way conference bridge on phone)
- Intercom mode
- Paging
- Multiple concurrent audio device support
- Direct voicemail access
- RTP multicast paging (Not yet supported)
- Client Matter Code (Not yet supported)

Technical Specifications

General:

- Dimensions : approx. 25 x 20 x 12 cm
- Weight : approx. 920 g
- Safety : IEC 60950-1:2001
- CB Test Certif. : DE 2-008417
- Certifications : FCC Class B
CE Mark
- Power : via PoE 2.1 - 2.3W (IEEE802.3 af)
via AC Adaptor: 5.0W
- Operating temp. : 5 - 40°C
- Max. Humidity : 90%
- Ethernet switch : 2 x IEEE802.3 10/100 Mbps switch
- Power over Ethernet : IEEE 802.3af, Class 1

Connectors:

- LAN Ethernet connector RJ45
- PC Ethernet connector RJ45
- Power connector 5V DC
- Handset RJ11 connector
- Headset RJ11 connector
- Expansion Module, Proprietary snom connector

Quality of Service, Security:

- RTCP
- DiffServe
- vLAN (802.1 pq)

Provisioning Support:

- Automatic software update
- Automatic settings retrieval via HTTP & TFTP
- Static IP provisioning via DHCP
- Automatic Time & Date setting via NTP

SIP:

- RFC3261 compliance
- SIP via UDP
- Security via MD5 digest authentication
- Route optimisation support
- Early media support
- Busy lamp field indications (BLF)
- Message Waiting Indication (RFC3842)
- Subscription for MWI events (RFC3265)
- Out-of-band DTMF (RFC2833)

Codecs, Audio:

- G.711 A-law
- G.711 μ -law
- G.729a
- G.726
- GSM 6.10 (full rate)
- G.723.1 (pass-through only)
- G.722 16kHz (pass-through only)

Snom 320

Ideal for the office and everyone who spends a lot of time on the phone, the snom 320 is an affordable, yet powerful SIP business phone with built-in, full-duplex speakerphone and three-party conference bridging.



A 2 x 24 semi-graphic LCD display and menu-driven user interface support an uncomplicated feature management.



12 programmable keys with LEDs support quick access to important extensions. Up to 3 expansion modules of each 42 keys can be connected, with a combined maximum of 138 keys & LED's.



As the snom 320 supports all of the common compression codecs such as G.711 and G.729a, so it also can be used in low-bandwidth environments. An integrated 2 Ethernet port switch enables connection to the network over an RJ-45 interface simultaneously with the PC connection.



The snom 320's built-in three-way conference bridge eliminates external devices and services while offering high audio quality and minimal latency. These savings together with the snom 320's very low energy consumption (1.0 to 1.5 w-hrs in standby) and PoE (Power over Ethernet) truly help to lower your costs.

Snom 3xx series

