



## General Information

The snom 300 is the basic model of the snom business telephone family. A two-line LCD display shows call lists, address books and call information. The large LED announces the incoming calls and all 6 programmable keys have LED indicator to display the presence information of other phone and services. 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 16 character
- Display with automatic backlight
- 27 keys, 6 programmable function keys with LED's used to indicate activated features and Busy Lamp Fields.
- Call indication LED
- 6 Busy Lamp Indication support
- 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 4 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 audio device support
- Direct voicemail access
- RTP multicast paging (Not yet supported)
- Client Matter Code (Not yet supported)

## Technical Specifications

### General:

- Dimensions : approx. 20 x 18,5 x 12 cm
- Weight : approx. 730 g
- Safety : IEC 60950-1:2001
- CB Test Certif. : DE 2-008417
- Certifications : FCC Class B  
CE Mark
- Power : via PoE 1.9 - 2.1W (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  $\mu$ -law
- G.729a
- G.726
- GSM 6.10 (full rate)
- G.723.1 (pass-through only)
- G.722 16kHz (pass-through only)

## Snom 300

The basic model of the snom business telephone family, the snom 300, fulfils the most important requirements of VoIP telephony and additionally offers numerous functions that are indispensable in the business world.



For effective everyday work, the snom 300 provides all relevant office functions such as choice of trunk line, status display, group lines, the engaged option or picking up calls.



A two-line LCD display enables the display of call information. The menu-driven user interface makes it very easy to manage numerous features. The user is guided intuitively through the phone menu via the navigation key.



6 programmable keys with LEDs support quick access to important functions or extensions.



The snom 300 is designed for different environments: The snom 300 has a headset connector and can be used as a tabletop phone or wall-mounted phone. Its energy consumption of 1.0-1.5 W-hr is lower than that of most competing products.



As the snom 300 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.

## Snom 3xx series

