

# snom 300

SIP based VoIP Phone

qualified for  
**Lync**



- **Backlit, two-line display (2 x 16 characters)**
- **4 identities (lines)**
- **27 keys, 7 LEDs**
- **6 programmable function keys**
- **Speakerphone**
- **Power over Ethernet (PoE)**
- **Ethernet switch**
- **XML Mini-Browser**

The IP telephone with the latest VoIP technology for the discerning caller! Ideal for ITSPs, offices, and private users.

As the basic model of the snom business telephone family, the SIP telephone **snom 300** fulfils the requirements of VoIP telephony and additionally offers numerous functions that are indispensable for everyday working life. Due to its excellent cost-performance ratio, it is ideal both for ITSP packages/products and for small and medium-sized enterprises, home offices, and private users.

The **snom 300** sets new standards when it comes to user-friendliness: A two-line LCD display shows call infor-

mation, and the menu-driven user interface provides simple feature management.

The **snom 300** is synonymous with effectiveness, time saving and flexibility: It provides all necessary office functionalities, for example choice of outgoing identity, "busy" indication, or picking up calls. Four different identities are possible.

Six user- or administrator-configurable (or carrier-preconfigurable) function keys can easily be allocated to arbitrary menu functions like DND, redirection, deny, etc., or assigned to multiple lines. The **snom 300** comes factory-equipped with two of its six

programmable keys configured as line appearances. You can configure up to all six function keys this way – flexible enough to suit the needs of every user.

Are you afraid of unsolicited eavesdroppers, data theft, or spam calls? Thanks to the **snom 300** you have no need to worry. Due to the security standards SRTP and SIPS, the **snom 300** is just as secure as the business model snom 320. This makes it perfectly suited for use in sensitive environments such as in banks and medical or military establishments.

# Technical Data snom 300 qualified for Lync

## GENERAL FEATURES

- **Dimensions:**  
approx. 20x18.5x12 cm
- **Weight:** approx. 730 g
- **Certification** FCC Class B, CE Marking
- **Safety:** IEC 60950-1:2001
- **1x LAN, 1x PC:** RJ45 (Ethernet)
- **Power over Ethernet:** IEEE 802.3af, Class 1
- **Power:** PoE or 5V DC power supply listed in the user guide <sup>(1)</sup>
- **Ethernet:** 2x IEEE 802.3 10/100 Mbps switch
- **Handset:** 4P4C connector
- **Headset:** (wired) 4P4C connector; wireless via snom EHS Advanced <sup>(2)</sup>

## USER INTERFACE

- 2x16 character backlit display
- 27 keys, 6 programmable function keys with LEDs
- Menu-driven user interface
- Localization
- Selection of ring tones, VIP ring tones, integration of customized ring tones
- Call indication with LED
- LED indication for missed calls, waiting messages, and calls on hold
- Speakerphone
- Multiple audio device support
- Clock with automatic daylight-saving time
- Call timer

## CALL FEATURES

- 4 identities (lines)
- Directory with 100 contact entries
- Import/Export of Directory
- Speed dialing
- URL dialing
- Local dial plan
- Automatic Redial on busy

- Call completion (Busy/Unreachable) <sup>(3)</sup>
- Caller identification (caller ID)
- Call waiting
- Auto answer
- Call blocking (deny list)
- Blocking of anonymous calls
- Lists of missed, received, and dialed calls
- Hold
- Music on hold <sup>(3)</sup>
- Handling of up to 4 calls simultaneously
- Blind and attended transfer
- Call forwarding
- 3-way conference on the phone
- Extension monitoring, call pickup <sup>(3)</sup>
- Call park, call unpark <sup>(3)</sup>
- Call completion <sup>(3)</sup>
- Multicast paging
- DND mode (do not disturb)
- Mute microphone
- Keyboard lock
- Client Matter Code (CMC) <sup>(3)</sup>
- Unified Communications ready

## WEB SERVER

- Embedded web server HTTP/HTTPS
- Remote configuration/provisioning
- Dial from web interface
- Password protection
- Diagnostics (tracing, logging, syslog)

## SECURITY, QUALITY OF SERVICE

- HTTPS (server/client)
- Transport Layer Security (TLS)
- SRTP (RFC3711), SIPS
- RTCP, S-RTCP
- VLAN (IEEE 802.1X)
- LLDP-MED
- VPN

## CODECS, AUDIO

- G.711 A-law,  $\mu$ -law
- G.722, G.726, G.729A, G.723.1, G.727

- GSM 6.10 (full rate)
- Comfort noise, voice activity detection

## SIP

- RFC3261 compliance
- UDP, TCP and TLS
- Digest/basic authentication
- PRACK (RFC3262)
- Error-information support
- Reliability of provisional responses (RFC3262)
- Early media support
- DNS SRV (RFC3263), redundant server support
- Offer/answer (RFC3264)
- Message Waiting Indication (RFC3842), subscription for MWI events (RFC3265)
- Dialog-state monitoring (RFC 4235)
- In-band DTMF/out-of-band DTMF/SIP INFO DTMF
- STUN client, ICE (NAT traversal)
- ENUM (RFC3261), NAPTR (RFC2915), rport (RFC3581), REFER (RFC3515)
- Bridged line appearance (BLA) <sup>(3)</sup>
- Auto provisioning with PnP <sup>(3)</sup>
- Busy lamp field support (BLF) <sup>(3)</sup>

## INSTALLATION

- Automatic software update
- Automatic settings retrieval via HTTP/HTTPS/TFTP with authentication
- Installation via web interface
- Remote management via TR-069/TR-111
- Static IP provisioning, DHCP
- NTP

<sup>(1)</sup> Available separately: Power supply PSAC10R-050 (snom PN 00002730)

<sup>(2)</sup> Available separately: snom EHS Advanced V2.0 (PN 00002362)

<sup>(3)</sup> If supported by PBX

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