Snom 300

SIP based VoIP phone

snom

Snom 300

Key Features

· 4 SIP identities
· 6 programmable function keys with LEDs
· Power over Ethernet (POE)
· Ethernet switch
· Display with Backlight
· Speakerphone

Perfect solution for your business

Ideal for ITSPs, offices, and private users, the entry-level Snom 300 fulfils the requirements of professional VoIP telephony and additionally offers numerous functions that are indispensable for everyday working life. Due to its excellent cost-performance-ratio and reliability the Snom 300 is one of Snom's bestselling devices with the above 1 Million sold devices worldwide. Its Userfriendly interface provides simple feature management and its qualified with the most ITSP platt-forms today including Lync.

Connectivity

Four different SIP identities are possible. Six user- or administrator-configurable 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 the most important functions. 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 TLS and SRTP the Snom 300 is just as secure as other Snom telephones. The Snom 300 is today synonymous for the time saving, flexibility and quality.

snom

General Features

· Dimensions: approx. 200 x 185 x 120 mm
· Weight: approx. 730 g
· Certification FCC Class B, CE Marking
· Safety: IEC 60950-1:2001
· 1 x LAN, 1 x PC: RJ45 (Ethernet)
· Power over Ethernet: IEEE 802.3af, Class 1
· Power: PoE; if PoE not available, optional power
       supply [1]
· Ethernet: 2 x IEEE 802.3 10/100 Mbps switch
· Handset: 4P4C connector
· Headset: (wired) 4P4C connector

User Interface

· 2 x 16 character display with backlight
· 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) [2]
· 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 [2]
· Handling of up to 4 calls simultaneously
· Blind and attended transfer
· Call forwarding
· 3-way conference on the phone
· Extension monitoring, call pickup [2]
· Call park, call unpark [2]
· Call completion [2]
· Multicast paging
· DND mode (do not disturb)
· Mute microphone
· Keyboard lock
· Client Matter Code (CMC) [2]
· 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

Codecs, Audio

· G.711 A-law, µ-law
· G.722, G.726, G.729A, G.723.1, G.726
· GSM 6.10 (full rate)

SIP

· RFC3261 compliance
· UDP, TCP and TLS
· Digest/basic authentication
· PRACK (RFC3262)
· 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) [2]
· Auto provisioning with PnP [2]
· Busy lamp field support (BLF) [2]

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

[1] Optional accessory (see below for part number)
[2] If supported by PBX

Part numbers for optional accessories

00002362	snom EHS Advanced wireless headset adapter
00002730	Power adapter, PSAC10R-050(TE)-R, EU & US clips
00001168	UK clip for PSAC10R-050
00001167	AUS clip for PSAC10R-050
00003387	Power adapter, PSAC05R-050(TE)-R, EU clip
00003903	Power adapter, PSAC05R-050(TE)-R, US clip
00001121	HS-MM3