

VoIP phone snom 320

Innovative SIP based VoIP Phones



- Two-line semi-graphical display
- 47 keys, 13 LEDs
- 12 programmable function keys
- Speakerphone
- Dual Ethernet connection
- Power over Ethernet
- Headset connection
- SIP RFC3261
- Security: SIPS/SRTP, TLS
- STUN, ENUM, NAT, ICE
- Codecs: G.711, G.722, G.723.1, G.726, G.729A, GSM 6.10 (full rate)
- National Language Support

→ Usability

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

A 2x24 semi-graphical LCD display and menu-driven user interface support easy feature management.

12 programmable keys with LEDs support flexible identity access/key configuration. A 100 number call memory, a 100 entry onboard address book (to which data may easily be uploaded), custom call blocking, configurable/downloadable ring-tones, auto-answer mode, DND and other sophisticated features ensure convenience and productivity. And the snom 320's built-in web server supports even simpler end-user configuration, screen dialing, and access to call history.

The snom 320 is remote-manageable and firmware-upgradable, uniquely easy to install, and largely self-configu-

→ Security

ring. Broad codec support and full compatibility with current SIP recommendations ensure interoperability; support for STUN (NAT traversal), ENUM (for dialed-number resolution) and other state-of-the-art features enables flexible deployment behind local proxies, IP PBXs or hosted VoIP services.

The snom 320 supports the security standard SRTP – a current specification from the Internet Engineering Task Force (IETF) for protection against eavesdropping – and TLS for protection against sniffing of signaling and authentication data.

By limiting the need for external conference bridges/media server capacity or use of conference services for routine multiparty calls, the snom 320's built-in three-party conference bridge helps limit total cost of ownership, while also ensuring high audio quality and low latency.

→ Interoperability

Technical Data snom 320

- **Dimensions:** approx. 25x20x12 cm
- **Weight:** approx. 920 g
- **Certifications:** FCC Class B, CE Mark
- **Power consumption:** typ. 2.3 Watt

CONNECTORS

- **Network:** RJ45 (Ethernet)
- **PC:** RJ45 (Ethernet)
- **Power:** 5 V DC
- **Ethernet:** 2x IEEE 802.3 10/100 Mbps
- **Power over Network:** IEEE 802.3af (PoE)
- **Handset:** RJ11 connector
- **Headset:** RJ11 connector
- **Expansion Module:** Proprietary snom connector

USER INTERFACE

- 2x24 character semi-graphical display
- 47 keys, 13 LEDs
- 12 identities
- Call lists (100 entries)
- Address book (100 entries)
- Address book import/export
- Number guessing, speed dialing
- Missed calls, dialed calls, answered calls
- Call waiting indication
- Clock, daylight saving, call-timer
- Call blocking (deny list)
- Handling of 12 simultaneous calls
- 12 programmable function keys (54 with the expansion module)
- Menu-driven user interface
- Selectable ring tones
- Import of individual ring tones
- National language support for selected languages (NLS)
- URL dialing support
- Do not disturb
- Speakerphone (full duplex)
- Auto answer mode
- Keyboard lock

CALL FEATURES

- Hold
- Blind transfer, attended transfer
- Music on hold support (only via PBX)
- Divert
- Conferencing (3-way conference bridge on phone)
- Call park, call pick-up (only via PBX)

- Call completion
- Client Matter Code (CMC)

WEB SERVER

- Embedded web server HTTP/HTTPS
- Easy configuration of the phone, remote configuration
- Dial from web interface
- Password protection
- Diagnostics (tracing, logging, syslog)

SECURITY, QUALITY OF SERVICE

- HTTPS (server/client)
- Transport Layer Security (TLS)
- SRTP (RFC3711), SIPS
- VLAN (802.1pq)

CODECS

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

SIP

- RFC3261 compliant
- UDP, TCP and TLS
- Digest authentication
- Loose routing and strict routing support
- Error information support
- Reliability of provisional responses (RFC3262)
- DNS SRV (RFC3263), redundant server support
- Offer/answer (RFC3264)
- Message Waiting Indication (RFC3842, RFC3265)
- Dialog-state
- In-band DTMF/Out-of-band DTMF/SIP INFO DTMF
- STUN client (NAT traversal)
- ENUM (RFC3261)
- NAPTR (RFC2915)
- rport (RFC3581)
- REFER (RFC3515)
- Many other SIP features

INSTALLATION

- Automatic software update
- Automatic settings retrieval via HTTP/HTTPS/TFTP
- Installation via web interface
- Static IP provisioning, DHCP
- NTP

For more information, contact your snom partner.

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