

## D120

Your entry into VoIP telephony



# D120



### Key Features

- 2 SIP identities
- Low power consumption (PoE)
- Backlit graphical display
- 360 degree call/message indicator
- 4 context sensitive function keys + 5 function keys



Directory



Power over Ethernet



IPv6 & IPv4



Security (TLS & SRTP)



Headset connectable

With two SIP lines, the snom D120 brings a higher level of functionality and adaptability to affordable entry-level IP desk phones. Incorporating a black and white backlit graphical display, the D120 enables a clear overview of call and function key information to really stand out in a crowd of similar desk phones.

The D120 also features a 360 degree call indicator so that incoming calls, calls in progress and waiting messages can be seen at a distance from the device. Four context sensitive function keys can be easily

configured for a number of time-saving telephony short cuts, in addition to 5 fixed function keys for a comfortable and intuitive user experience. In addition, not only is the D120 affordably priced, low power consumption thanks to Power-over-Ethernet (PoE) connectivity also helps to reduce running costs.

Fitting comfortably and effectively as a desk phone in a small office/home office or similar environment where an entry level phone is required, the D120 will always feel at home wherever business calls are being made.

## Benefits

- Graphical Display 132 x 64 pixels with backlight
- Single position footstand 35 °
- Wall mountable<sup>(1)</sup>
- Hands-free talking (Speakerphone)
- Digital Signal Processor (DSP) enhanced audio quality
- 2-port 10/100 Mbps Ethernet switch (RJ45)
- Power over Ethernet IEEE 802.3af, Class 1
- SHA-2 based secure provisioning

## Firmware

### Features

- 2 SIP identities/accounts
- XML Browser
- Call lists for dialed, received, missed calls
- Directory with 250 entries
- Languages: English, French, Spanish
- Additional language support via provisioning
- In-band DTMF/out-of-band DTMF/SIP INFO DTMF
- Interoperable with all major IP-PBX platforms

### Call features

- Speed dialing
- URL dialing
- Local dial plan
- Automatic Redial on Busy
- Call completion (busy/unreachable)<sup>(2)</sup>
- Caller identification
- Call waiting
- Call blocking (deny list)
- Blocking of anonymous calls<sup>(2)</sup>
- Auto answer
- Lists of missed, received and dialed calls
- Hold
- Music on hold<sup>(2)</sup>
- Handling of up to 2 simultaneous calls
- Blind and attended transfer
- Call forwarding
- 3-way conference on the phone
- Call pickup<sup>(2)</sup>
- Call park, call unpark<sup>(2)</sup>
- Multicast provisioning

- DND mode (do not disturb)
- Keyboard lock

### Audio

- Codecs:
  - G.711 A-law,  $\mu$ -law
  - G.722 (wideband)
  - G.726, G.729AB, GSM 6.10 (FR)
- 10 built-in assignable ringtones
- Comfort Noise Generator (CNG)
- Voice Activity Detection (VAD)

### Set-up

- Configurable through web interface
- Provisioning:
  - DHCP Options 66/67
  - Plug & Play (PnP)
  - snom Redirection Service
  - Remote management via TR-069

## Specifications

### Protocols

- SIP (RFC3261)
- DHCP, NTP
- HTTP/HTTPS/TFTP
- LDAP (Directory)
- Dual Stack IPv4/IPv6

### User Interface

- Number of keys: 32
- Line keys with LED: 2
- Dedicated keys: DND, Directory, Transfer, Hold, Message
- Context-sensitive function keys: 4
- Navigation keys: 2 (up/down)
- Audio keys: Mute, Speakerphone, Volume control
- Redial via call lists (OK key)
- High-visibility red LED for call indication/message waiting<sup>(2)</sup>
- Menu-driven interface
- Localization (language, time, dial tone)

**Security**

- Transport Layer Security (TLS)
- SRTP (RFC3711), SIPS, SRTCP
- VLAN
- IEEE 802.1X
- LLDP-MED
- Web interface password protection

**Phone Features**

- Dimensions: 205 x 161 x 32 mm (w/o foot stand)
- Dimensions: 205 x 161 x 120 mm (with foot stand)
- Input voltage: 5V DC (SELV)
- Handset: RJ-4P4C
- Headset: RJ-4P4C
- Hearing aid compatible (HAC) handset
- Power: PoE or 5V DC power adapter <sup>(1)</sup>,
- Environmental Conditions:
  - Ambient temperature: 0° to 35° C (32° to 95° F)
  - Non-operating temperature: -10 °C to 45 °C
  - Relative humidity: 5% to 95% noncondensing
- Included in delivery:
  - Base phone unit
  - Foot stand
  - Handset with cord
  - Ethernet cable
  - Quick Installation Guide
- Color: black
- Warranty: 2 years
- Part Number: 00004361 for all markets

<sup>(1)</sup> Optional accessory (see below for part numbers)

<sup>(2)</sup> Optional: if supported by PBX

Part numbers for optional accessories

- 00004325 Power Adapter A6 with EU clip
- 00001168 UK clip for Power Adapter A6
- 00004373 Power Adapter with fixed plug EU
- 00004374 Power Adapter with fixed plug UK
- 00004341 Monaural Headset Snom A100M
- 00004342 Binaural Headset Snom A100D

**Type Approval**

- CE Mark
- Safety IEC 60950