

# D305

HD audio and sensor hook switch



# D305



## Key Features

- Wideband audio
- 4-line backlit display
- 4 context sensitive keys
- 5 configurable function keys with LEDs
- 4 SIP identities

The D305 is a professional phone with a high-resolution display that maintains the excellent cost-performance ratio expected from this range of telephones.

### Excellence in Build Quality

The D305 is designed to last, built to the highest standards and delivering the best in German Engineering to ensure durability and a long life. The D305 provides businesses with a high quality SIP telephone that will not need replacing every few years.

### Audio Quality

The D305 includes the new improved audio system that is a feature of the latest Snom architecture and the result of many years of development.

### Designed for Business

The D305 is designed to deliver the functionality that is needed by today's business users, supporting four SIP identities and boasting a backlit, high-resolution display for excellent screen visibility. It can be used as a desk phone, its gently inclined, European-style keyboard ideal for easy dialing with minimal impact on the user's hand, or wall-mounted for use in common areas. The D305 features Snom's unique sensor hook switch designed for durability and reduced wear, ensuring a long product life even when the phone is used extensively and over long periods.

## Benefits

- Backlit graphical display, 4 lines
- Wall mountable
- 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
- Electronic Hook Switch (EHS)<sup>(1)</sup> support for wireless headsets

## Firmware

### Features

- 4 SIP identities / accounts
- XML browser
- Call lists for dialed, received, missed calls
- Local directory with 1000 entries
- Multiple language support
- DTMF in-band / out-of-band / SIP-INFO
- 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)
- Auto answer
- Hold
- Music on hold<sup>(2)</sup>
- Handling of up to 4 simultaneous calls
- Blind and attended transfer
- Call forwarding
- 3-way conferencing on the phone
- Extension monitoring, call pickup<sup>(2)</sup>
- Call park, call unpark<sup>(2)</sup>
- Multicast paging
- DND mode (do not disturb)
- Keyboard lock

- Client matter code (CMC)<sup>(2)</sup>
- Unified communications ready

## Audio

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

## Setup

- Configuration via web interface
- Provisioning:
  - Automatic loading of settings via HTTP/HTTPS/TFTP
  - DHCP Options 66/67
  - Snom Redirection Service
  - Remote management via TR-069 / TR-111

## Specification

### Protocols

- SIP (RFC3261)
- DHCP, NTP
- HTTP / HTTPS / TFTP
- LDAP (Directory)

### User Interface

- Localization (language, time, dial tone)
- Red LED for call indication / message waiting
- 4 context sensitive keys
- 5 programmable line / function keys with green LEDs
- Paper inlay for labeling of function keys
- Dedicated message key
- Audio keys: Mute, speakerphone, headset, volume
- 4-way navigation key
- OK and Cancel
- Menu-driven user interface

**Security**

- 802.1X Authentication and EAPOL
- Transport layer security (TLS)
- SRTP (RFC3711), SIPS, RTCP
- HTTPS server/client
- Password-protected web interface
- VPN support
- VLAN (IEEE 802.1Q)
- LLDP-MED, RTCP-XR

**Phone Features**

- Dimensions (approx.): 185x200x120 mm (LxWxH)
- Weight (approx.): approx. 720g
- Input voltage: 5V DC (SELV)
- Power supply: PoE or 5V DC power adapter<sup>(1)</sup>
- Handset: 4P4C connector
- Headset: 4P4C connector
- Hearing aid compatible (HAC) handset
- Environmental conditions:
  - Ambient temperature: 0°C to 35°C (32°F to 95°F)
  - Storage temperature: -10°C to 45°C (14°F to 113°F)
  - Humidity: 5% to 95% (non-condensing)
- Included in delivery:
  - Phone unit
  - Footstand
  - Handset with cord
  - Ethernet cable
  - Quick Start Guide
- Color: black-blue
- Warranty: 2 Years
- Part Number: 00004257

**Type Approval**

- CE Mark
- FCC Class B
- Safety IEC 60950, CB

<sup>(1)</sup> Optional accessory

<sup>(2)</sup> If supported by PBX

**Part Numbers for Optional Accessories**

- 00004325 Power Adapter Snom A6 / EU clip
- 00004326 Power Adapter Snom A6 / US clip
- 00001168 UK clip for Snom A6
- 00001167 AUS clip for Snom A6
- 00002362 Snom EHS Advanced
- 00001122 HS-MM2 headset