# D305

HD audio and sensor hook switch





# D305



## **Key Features**

- · Wideband audio
- · High resolution display
- · 4 context sensitive keys
- · 5 configurable function keys with LEDs
- · Sensor hook switch

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**

- · High resolution graphical display
- · Wall mountable
- · Sensor hook switch
- · 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)(2)
- · 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(2)
- · Multicast paging
- · DND mode (do not disturb)
- · Keyboard lock

- · Client matter code (CMC)(2)
- · Unified communications ready

#### **Audio**

- · Codecs:
  - · G.711 A-law, µ-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
- $\cdot$  5 programmable line / function keys with red 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
- · 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 (1)

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-blueWarranty: 2 Years

· Part Number: 00004257

## Type Approval

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

- (1) Optional accessory
- $^{(2)}$  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