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)[1] 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[2]
· Handling of up to 4 simultaneous calls
· Blind and attended transfer
· Call forwarding
· 3-way conferencing on the phone
· Extension monitoring, call pickup[2]
· 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
· 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-blue
· Warranty: 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