

# D385 / D385N



Bluetooth  
(only D385)



USB port



Power over  
Ethernet  
(PoE)



IPv6 & IPv4



Gigabit  
Ethernet



Expansion  
module  
connectable



Headset  
connectable



SmartDisplay



Security  
(TLS & SRTP)



OpenVPN

## The perfect mix of elegance and cutting-edge technology

With its wide range of functions and modern design, the Snom D385 marks the next generation of Snom VoIP desk phones and is a natural fit in any office environment. In addition to a high-resolution,

inclinable colour display, the telephone also features a modern, clear design. Thanks to the Snom SmartScreen, the tedious labelling of function keys is finally a thing of the past.

## Product variants



D385 | black | PN 00004340



D385N | black | PN 00004600

### Basics

- Product information
  - IP desk phone
  - Operating system: Linux
- Placement: indoor, desktop, wall mounting

### Dimensions and weight

- Dimensions (L × W × H, approx.)
  - 185 mm × 250 mm × 120 mm
- Weight (approx.):
  - 880 g

### Display and indicators

- Display
  - TFT liquid crystal display (LCD), tiltable, true colour, backlit
  - Size (diagonal): 4.3" (109 mm)
  - Size (W × H): 95 mm × 54 mm
  - Resolution: 480 × 272 pixel
- SmartDisplay
  - TFT liquid crystal display (LCD), monochrome, graphical
  - Size (diagonal): 2.8" (70 mm)
  - Size (W × H): 66 mm × 23 mm
  - Resolution: 254 × 100 pixel
- 14 LED indicators
  - Call status indication: 1 red LED
  - Message waiting indication (MWI): 1 red LED
  - Function key status indication: 12 multicolour LEDs

### Keypad and function keys

- 46 hard keys in total
- 12 keys (standard ITU telephone keypad)
- 4-way navigation key
- 4 context-sensitive function keys
- Programmable function keys
  - 12 SmartLabel keys (with multicolour LED)
  - Key mapping of up to 48 functions (12 keys × 4 pages)
- 5 dedicated audio keys
  - Mute
  - Speakerphone
  - Headset
  - Volume + / - (rocker)
- 9 dedicated function keys
  - Ok, Cancel, DND, Message (with red LED), Directory, Menu, Transfer, Hold, PFK page
- [Expansion module connection via USB port for up to 3 × D3<sup>2</sup>](#)
- Keyboard lock

## Audio devices, codecs and features

- Corded receiver
  - Hearing aid compatible (HAC)
- Speakerphone mode
  - HD audio
- Audio codecs
  - G.711 (A-law,  $\mu$ -law), G.722, G.726, G.729AB, GSM 6.10 (FR)
- Dual-tone multi-frequency signalling (DTMF / RFC2833)
  - SIP-INFO, in-band, out-of-band
- Related features
  - Built-in assignable ringtones
  - Comfort Noise Generator (CNG)
  - Voice Activity Detection (VAD)

## User interfaces and setup

- Configuration and setup via menu-driven web user interface (WUI)
  - Password-protected login
  - Secure web server/client (HTTPS)
- Configuration and setup via menu-driven phone user interface (PUI)
- Automatic configuration via provisioning
  - Loading of settings and firmware via HTTP / HTTPS / TFTP
  - Supported DHCP provisioning options 66 / 67
  - Secure Redirection And Provisioning Service (SRAPS) support
  - Plug & Play (PnP) support
  - Remote management via TR-069 / TR-069 Annex G (TR-111)
- Customisation
  - XML browser
- Localization
  - Languages
  - Timezone, dial tone
- Diagnostic
  - SIP trace, PCAP trace, Syslog

## Interfaces and connections

- D385 / D385N power options
  - Power over Ethernet (PoE)
    - IEEE 802.3af, class 3
  - Power adapter<sup>2</sup>
    - 100 - 240 V AC, 50 - 60 Hz | 5 V DC (SELV), 2 A, 10 W
- Wired interfaces
  - Power adapter: coaxial power connector (socket)
  - Ethernet 1 Gbit/s: 2 x RJ45-8P8C sockets
  - USB headsets and other accessories: USB 2.0 type A port
  - Corded receiver: RJ9-4P4C socket
  - Headset: RJ9-4P4C socket
  - EHS adapter:<sup>2</sup> RJ12-6P6C socket
- Wireless interfaces
  - Bluetooth: 4.0, class 2<sup>1</sup>
  - WLAN: optional via A210<sup>2</sup>
- Sensors
  - Hook switch sensor

## Networking technologies and protocols

- Bluetooth: 4.0+EDR, class 2<sup>1</sup>
- Network technologies
  - OpenVPN, VLAN (IEEE 802.1Q)
- VoIP related protocols and techniques
  - SIP (RFC 3261), SDP (RFC 3261), RTP (RFC 8866), RTCP (RFC 3550), RTCP-XR, SIP REFER method (RFC 3515), rport (RFC 3581), ENUM, ICE, STUN (RFC 5389)
- Secure VoIP protocols
  - SIPS (SIP over TLS), SRTP (RFC 3711), SRTCP
- Network protocols
  - IPv4 / IPv6 (dual stack), DHCP, NTP, LDAP, LLDP-MED, HTTP, TFTP, L2TP
- Secure network protocols
  - TLS V1.2, HTTPS, IEEE 802.1X (EAPoL)
- Remote management protocols
  - TR-069, TR-069 Annex G (formerly TR-111)

## Interoperability

- Certified VoIP partner

## Directory support and call features

- 12 SIP identities / accounts
  - Up to 12 simultaneous calls
- Directory support
  - LDAP (server-based directory)
  - Local directory with up to 1,000 entries
- Outgoing call features
  - Speed dialling via function keys
  - URL dialling
  - Local dial plan
  - Redial (via dialed calls list)
  - Automatic redial on busy
  - Caller identification (CLIP)
  - Calling Line Identification Restriction (CLIR)
  - Call completion (busy/unreachable)<sup>3</sup>
  - Intercom
  - Multicast paging
- Incoming call features
  - Call waiting/swapping
  - Call barring/blocking: deny list, anonymous calls, Do Not Disturb (DND) mode
  - Auto answer
  - Call diversion
- Connected call features
  - Mute microphone
  - Hold
  - Music on hold<sup>3</sup>
  - Blind call transfer
  - Attended call transfer
  - 3-way local conferencing
  - Call park / unpark<sup>3</sup>
  - Client Matter Code (CMC)<sup>3</sup>
- Related features
  - Extension monitoring (Busy lamp field), call pickup<sup>3</sup>
  - Call history lists of missed, received, dialed, rejected, and deflected calls

## Environmental conditions

- Operating ambient temperature: 0 °C - 35 °C
- Nonoperating (storage) temperature: -10 °C - 45 °C
- Humidity (non-condensing): 5 % - 95 %

## Package contents

- Hardware
  - IP desk phone D385 / D385N
  - Footstand
  - Corded receiver
  - Ethernet cable
- Documentation
  - Quick Installation Guide (QIG)
  - GNU General Public License

## Snom accessories and compatible devices

- Power adapter
  - Snom 10 W PSU (PN 00004570)
- USB dongle
  - WLAN: A210 (PN 00004384)
  - DECT: A230 (PN 00004386)
- EHS adapter
  - EHS Advanced 2.0 (PN 00004343)
- Wired headset via RJ9
  - Binaural: A100D (PN 00004342)
  - Monaural: A100M (PN 00004341)
- Wired headset via USB
  - Binaural: A330D (PN 00004598)
  - Monaural: A330M (PN 00004597)
- DECT headset via RJ9
  - A170 (PN 00004387)
- DECT headset via USB (DECT)
  - A150 (PN 00004388)
- Expansion module
  - D3 (PN 00004327)
- Wireless conference speakerphone (Bluetooth, USB)<sup>1</sup>
  - C300 (PN 00004584)

## Snom accessories and compatible devices



10 W PSU



A210



A230



EHS 2.0



D3



C300



A100D



A100M



A330D



A330M



A170



A150

<sup>1</sup> D385N without Bluetooth

<sup>2</sup> Available separately

<sup>3</sup> If supported by PBX

## Series overview



D315



D335



D385 / D385N



D3

## Disclaimer

Further information : [Snom website](#) | [Snom Service Hub](#) | [Type approval](#) | [Warranty information](#)

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