

# D335



Light sensor



Proximity sensor



USB port



Power over Ethernet (PoE)



IPv6 & IPv4



Gigabit Ethernet



Expansion module connectable



Headset connectable



Security (TLS & SRTP)



SmartLabel

## Functionality paired with a proximity sensor

The D335 has a high-resolution TFT colour display surrounded by 8 SmartLabel keys with multicolour LEDs. Thanks to the integrated Digital signal processor (DSP), it also offers the familiar HD audio quality for calls. The real highlight of the device, however, is the integrated smart proximity sensor,

which controls the phone's user interface. When the user's hand approaches the phone, the display is activated revealing key assignment information. Additional features include an integrated 2-port Gigabit switch with Power over Ethernet (PoE), USB port and much more.

## Basics

- Product information
  - IP desk phone
  - PN 00004390
  - Colour: black
  - Operating system: Linux
- Placement: indoor, desktop, wall mounting

## Dimensions and weight

- Dimensions (L × W × H, approx.)
  - 198 mm × 198 mm × 120 mm
- Weight (approx.):
  - 800 g

## Display and indicators

- Display
  - TFT liquid crystal display (LCD), tiltable, true colour, backlit
  - Size (diagonal): 2.7" (69 mm)
  - Size (W × H): 54 mm × 41 mm
  - Resolution: 320 × 240 pixel
- 10 LED indicators
  - Call status indication: 1 red LED
  - Message waiting indication (MWI): 1 red LED
  - Function key status indication: 8 multicolour LEDs

## Keypad and function keys

- 41 hard keys in total
- 12 keys (standard ITU telephone keypad)
- 4-way navigation key
- 4 context-sensitive function keys
- Programmable function keys
  - 8 SmartLabel keys (with multicolour LED)
  - Key mapping of up to 32 functions (8 keys × 4 pages)

- 5 dedicated audio keys
  - Mute
  - Speakerphone
  - Headset
  - Volume + / - (rocker)
- 8 dedicated function keys
  - Ok
  - Cancel
  - DND
  - Message (with red LED)
  - Directory
  - Menu
  - Transfer
  - PFK page
- Expansion module connection via USB port for up to 3 × D3<sup>1</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)

## Interfaces and connections

- D335 power options
  - [Power over Ethernet \(PoE\)](#)
    - IEEE 802.3af, class 3
  - Power adapter<sup>1</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 × 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>1</sup> RJ12-6P6C socket
- Wireless interfaces
  - [WLAN: optional via A210<sup>1</sup>](#)
- Sensors
  - Hook switch sensor
  - Ambient light sensor
  - Proximity sensor

## 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

## Networking technologies and protocols

- 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>2</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>2</sup>
  - Blind call transfer
  - Attended call transfer
  - 3-way local conferencing
  - Call park / unpark<sup>2</sup>
  - Client Matter Code (CMC)<sup>2</sup>
- Related features
  - Call history lists of missed, received, dialed, rejected, and deflected calls
  - Extension monitoring (Busy lamp field), call pickup<sup>2</sup>

- 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 D335
  - 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 (USB)
  - C300 (PN 00004584)

## Environmental conditions

## Snom accessories and compatible devices



10 W PSU



A210



A230



EHS 2.0



D3



C300



A100D



A100M



A330D



A330M



A170



A150

<sup>1</sup> Available separately

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

## Series overview



D315



D335



D385 / D385N



D3

## Disclaimer

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

Snom is a registered trademark of Snom Technology GmbH in the European Union, USA, Japan, China and certain other countries and regions. Unless specified otherwise, all trademarks, in particular product names, are legally protected trademarks of Snom Technology GmbH. Other mentioned trademarks or registered trademarks are the property of their respective manufacturers or owners. Product specifications are subject to change without notice. We do not accept liability for printing errors and mistakes.