

D315 (EoS)



USB port



Power over Ethernet (PoE)



IPv6 & IPv4



Gigabit Ethernet



Expansion module connectable



Headset connectable



Security (TLS & SRTP)



HD audio

Flexibility and connectivity with innovative desk phone

The Snom D315 offers wideband audio in the best quality and features a USB port for increased connectivity, a four-line graphical display and 4 context-sensitive function keys to operate the intuitive, user-friendly menu. The 5 function keys with built-in LEDs for visual call or status indication can be freely programmed with a variety of phone

functions such as speed dial, extensions or presence indication, giving the user flexibility at the touch of a button. The D315 can be used in a variety of environments, such as offices, call centres and reception areas.

Basics

- Product information
 - IP desk phone D315 (EoS)³ | black | PN 00004258
 - Operating system: Linux
- Placement: indoor, desktop, wall mounting

Dimensions and weight

- Dimensions (L × W × H, approx.)
 - 185 mm × 200 mm × 120 mm
- Weight (approx.):
 - 720 g

Display and indicators

- Display
 - TFT liquid crystal display (LCD): monochrome, graphical
 - Size (diagonal): 3.2" (81 mm)
 - Size (W × H): 76 mm × 26 mm
 - Resolution: 300 × 100 pixel
- 7 LED indicators
 - Call status indication: 1 red LED
 - Message waiting indication (MWI): 1 red LED
 - Function key status indication: 5 red LEDs

Keypad and function keys

- 32 hard keys in total
 - 12 keys (standard ITU telephone keypad)
 - 4-way navigation key
 - 4 context-sensitive function keys
 - 5 programmable function keys (with red LED)
 - 4 dedicated audio keys
 - Speakerphone
 - Headset
 - Volume + / - (rocker)
 - 3 dedicated function keys
 - Ok
 - Cancel
 - Message (with red LED)
- Expansion module connection via USB port for up to 3 × D3¹

- Keyboard lock

Interfaces and connections

- Power options
 - Power over Ethernet (PoE)
 - IEEE 802.3af, class 3
 - Power adapter¹
 - 100 - 240 V AC, 50 - 60 Hz | 5 V DC (SELV), 2 A, 10 W
- Wired interfaces
 - Power adapter: coaxial power connector (socket)
 - Network connectivity: 2 × RJ45-8P8C (NET/PC) sockets → Gigabit Ethernet (GbE)
 - USB headsets and other accessories: USB 2.0 type A port
 - Corded handset: RJ9-4P4C socket
 - Headset: RJ9-4P4C socket
 - EHS adapter:¹ RJ12-6P6C socket
- Wireless interfaces
 - Network connectivity: WLAN optional via A210¹
- Sensors
 - Hook switch sensor

Audio devices, codecs and features

- Casing microphone | Casing speaker
 - Speakerphone mode: Full duplex, HD audio
- Corded handset
 - Microphone | Handset earpiece
 - Hearing aid compatible (HAC)
- Audio codecs
 - G.711 (A-law, μ -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)
- Computer telephony integration (CTI)
 - uaCSTA over SIP, CSTA over HTTP(S)
- 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
 - Time zone, dial tone

- Diagnostic
 - SIP / PCAP trace
 - Syslog

Interoperability

- Certified VoIP partner

Networking technologies and protocols

- Network technologies
 - OpenVPN, VLAN (IEEE 802.1q)
- VoIP related protocols and techniques
 - SIP, SDP, RTP, RTCP, RTCP-XR, SIP REFER method (RFC 3515), rport (RFC 3581), ENUM, ICE, STUN
- Secure VoIP protocols
 - SIPS (SIP over TLS), SRTP, 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), uaCSTA over SIP, CSTA over HTTP(S)

Directory support and call features

- 4 SIP identities / accounts
 - Up to 4 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, [Call completion \(busy/unreachable\)](#)²
 - Caller identification (CLIP), Calling Line Identification Restriction (CLIR)
 - [Intercom](#), [Multicast paging](#)
- Incoming call features
 - [Call waiting/swapping](#), Auto answer, [Call diversion](#)
 - Call barring/blocking: deny list, anonymous calls, Do Not Disturb (DND) mode
- Connected call features
 - Mute microphone, Hold, Music on hold², Client Matter Code (CMC)²
 - [Blind call transfer](#), [Attended call transfer](#), Call park / unpark², 3-way local conferencing
- Related features
 - Call history lists of missed, received, dialed, rejected, and deflected calls
 - [Extension monitoring \(Busy lamp field\)](#), [call pickup](#)²

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 D315
 - Footstand
 - Corded handset
 - Ethernet cable
- Documentation
 - [Quick Installation Guide](#)
 - [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 \(PN 00002362\)](#)
- Wired headset via RJ9
 - Binaural: [A100D \(PN 00004342\)](#), [A310D \(PN 00004626\)](#)
 - Monaural: [A100M \(PN 00004341\)](#), [A310M \(PN 00004624\)](#)
- Wired headset via USB
 - Binaural: [A330D \(PN 00004598\)](#)
 - Monaural: [A330M \(PN 00004597\)](#)
- DECT headset via RJ9-4P4C
 - [A170 \(PN 00004387\)](#)
- DECT headset via USB (DECT)
 - [A150 \(PN 00004388\)](#)
- Expansion module
 - [D3 \(EoS\) \(PN 00004327\)](#)³
- Wireless conference speakerphone (USB)
 - [C300 \(PN 00004584\)](#)

Snom accessories and compatible devices



10 W PSU



A210



A230



EHS 2.0



D3 (EoS)



C300



A100D



A100M



A310D



A310M



A330D



A330M



A170



A150

¹ Available separately

² If supported by PBX

³ EoS (End of service)

Series overview



D315 (EoS)



D335



D385 / D385N



D3 (EoS)

Disclaimer

Further information : [Snom D315 webpage](#) | [Snom Service Hub](#) | [Type approval](#) | [Warranty information](#) | [Company locations](#)

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