

D735



Light sensor



Proximity sensor



USB port



Power over Ethernet (PoE)



IPv4 & IPv6



Gigabit Ethernet



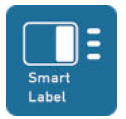
Expansion module connectable



Headset connectable



Security (TLS & SRTP)



SmartLabel

A sensor-based IP telephone in a class of its own

The D735 impresses with its timeless design, two colour variants, a high-resolution 2.7" colour display, 8 SmartLabel keys with multi-coloured LEDs and a sensor that shows information relevant to the operation when approached. Of course, thanks to the latest digital signal processor (DSP) technology, the D735 delivers the Snom-proven, crystal-clear HD audio quality, which makes people forget that they are

physically separate, even in three-party conferences. The Gigabit switch with PoE support and a USB port for easy coupling of accessories, such as USB headsets, round off the hardware portfolio. Operating processes and function calls are implemented intuitively through optimized firmware.

Product variants



D735 | black | PN 00004389



D735 | white | PN 00004396

Basics

- Product information
 - IP desk phone D735
 - Operating system: Linux
- Placement: indoor, desktop, wall mounting

Dimensions and weight

- Dimensions (L x W x D, approx.) without footstand
 - 230 mm x 205 mm x 90 mm
- Dimensions (H x W x D, approx.) with footstand
 - 220 mm x 205 mm x 190 mm (high angle 46°)
 - 200 mm x 205 mm x 190 mm (low angle 28°)
- Weight (approx.):
 - 780 g with footstand
 - 660 g without footstand

Display and indicators

- Display
 - TFT liquid crystal display (LCD): true colour, backlit
 - Size (diagonal): 2.7" (68 mm)
 - Size (W x H): 54 mm x 41 mm
 - Resolution: 320 x 240 pixel
- 13 LED indicators
 - Call status indication: 1 red LED
 - Message waiting indication (MWI): 1 red LED
 - Function key status indication: 8 multicolour LEDs
 - Audio key status indication: 3 LEDs (1 red / 2 green)

Keypad and function keys

- 43 hard keys in total
 - 12 keys (standard ITU telephone keypad)
 - 5-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 x 4 pages)
- 5 dedicated audio keys
 - Mute (with red LED)
 - Speakerphone (with green LED)
 - Headset (with green LED)
 - Volume + / - (rocker)
- 10 dedicated function keys
 - Ok
 - Cancel
 - DND
 - Message (with red LED)
 - Directory
 - Menu
 - Transfer
 - Hold
 - Page (rocker)
- [Expansion module connection via USB port for up to 3 x D7 / D7C¹](#)
- Keyboard lock

Interfaces and connections

- Power options
 - [Power over Ethernet \(PoE\)](#)
 - IEEE 802.3af, class 2 | IEEE 802.3az³
 - Power adapter¹
 - 100 - 240 V AC, 50 - 60 Hz | 5 V DC (SELV), 2 A, 10 W
- Wired interfaces
 - Power adapter:¹ coaxial power connector (socket)
 - Network connectivity: 2 × RJ45-8P8C sockets (LAN/PC) → Gigabit Ethernet (GbE)
 - [USB headsets and other accessories:](#)¹ USB 2.0 type A port
 - Corded handset: RJ9-4P4C socket
 - Headset:¹ RJ9-4P4C socket
 - [EHS adapter:](#)¹ RJ12-6P6C socket
- Wireless interfaces
 - Network connectivity: [WLAN optional via A210](#)¹
- Sensors
 - Hook switch sensor
 - Ambient light sensor
 - Proximity sensor

Audio devices, codecs and features

- Casing microphone | Casing speaker
 - Speakerphone mode: Full duplex, HD audio, Acoustic echo cancellation (AEC)
- 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), Opus
- 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](#)
 - Time zone, dial tone
- Diagnostic
 - SIP / PCAP trace
 - Syslog

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 \(formerly TR-111\)](#)

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 \(busy/unreachable\)²](#)
 - [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 hold²](#)
 - [Blind call transfer](#)
 - [Attended call transfer](#)
 - [3-way local conferencing](#)
 - [Call park / unpark²](#)
 - [Client Matter Code \(CMC\)²](#)
- Related features
 - [Call history lists of missed, received, dialed, rejected, and deflected calls](#)
 - [Extension monitoring \(Busy lamp field\), call pickup²](#)

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 D735](#)
 - [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
 - A170 (PN 00004387)
- DECT headset via USB (DECT)
 - A150 (PN 00004388)
- Expansion module (USB)
 - D7 (EoS) (PN 00004011)⁴, D7 (PN 00004382)
 - D7C (PN 00004467)
- Wireless conference speakerphone
 - C300 (PN 00004584)



10 W PSU



A210



A230



EHS 2.0



D7 (EoS)



D7



D7C



C300



A100D



A100M



A310D



A310M



A330D



A330M



A170



A150

¹ Available separately

² If supported by PBX

³ Optional via software

⁴ EoS (End of sale)

Series overview



D713



D715



D717



D735



D785 / D785N



D7



D7C

Disclaimer

Further information : [Snom D735 webpage](#) | [Snom Service Hub](#) | [Type approval](#) | [Warranty information](#) | [Company locations](#)

Snom, the names of Snom products, and Snom logos are trademarks owned by Snom Technology GmbH. All product specifications are subject to change without notification. Snom Technology GmbH reserves the right to revise and change this document at any time, without being obliged to announce such revisions or changes beforehand or after the fact. Although due care has been taken in the compilation and presentation of the information in this document, the data upon which it is based may have changed in the meantime. Snom therefore disclaims all warranties and liability for the accurateness, completeness, and currentness of the information published, except in the case of intention or gross negligence on the part of Snom or where liability arises due to binding legal provisions.