

# D735



Light sensor



Proximity sensor



USB port



Power over Ethernet (PoE)



IPv6 & IPv4



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 / D7C<sup>1</sup>](#)
- Keyboard lock

## Interfaces and connections

- Power options
  - [Power over Ethernet \(PoE\)](#)
    - IEEE 802.3af, class 2 | IEEE 802.3az<sup>3</sup>
  - Power adapter<sup>1</sup>
    - 100 - 240 V AC, 50 - 60 Hz | 5 V DC (SELV), 2 A, 10 W
- Wired interfaces
  - Power adapter:<sup>1</sup> coaxial power connector (socket)
  - Network connectivity: 2 × RJ45-8P8C sockets (LAN/PC) → Gigabit Ethernet (GbE)
  - [USB headsets and other accessories](#):<sup>1</sup> USB 2.0 type A port
  - Corded handset: RJ9-4P4C socket
  - Headset:<sup>1</sup> RJ9-4P4C socket
  - [EHS adapter](#):<sup>1</sup> RJ12-6P6C socket
- Wireless interfaces
  - Network connectivity: [WLAN optional via A210](#)<sup>1</sup>
- 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,  $\mu$ -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 \(busy/unreachable\)<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>](#)

## 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)<sup>4</sup>, 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

<sup>1</sup> Available separately

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

<sup>3</sup> Optional via software

<sup>4</sup> 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](#)

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