

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 2.8" 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



IP desk phone D735 | black | PN 00004389



IP desk phone D735 | white | PN 00004396

Basics

- Product information
 - IP desk phone D735 | black (PN 00004389) | white (PN 00004396)
 - 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): 2.8" (71 mm)
 - Size (W x H): 58 mm x 44 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](#)
- 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.729, G.729A, 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 \(TR-111\) / TR-369 \(USP\)](#)
- Customisation
 - [XML browser](#)
- Localisation
 - [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](#)), [TR-369 \(USP\)](#)

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 dialled 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](#)
- [Call deflection](#)
- Connected call features
 - Mute microphone
 - Hold
 - Music on hold²
 - [Blind call transfer](#)
 - [Attended call transfer](#)
 - 3-way (2+1) 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](#)
 - [General Public License \(GNU\)](#)

Snom accessories and compatible devices

- PoE injector
 - A5E (PN 00004679)
- 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: 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 + USB
 - A170C (PN 00004733)
- BT headset via Bluetooth dongle
 - A350M (PN 00004658)
- Expansion module (USB)
 - D7 (PN 00004382), D7C (PN 00004467)
- Wireless conference speakerphone
 - C300 (PN 00004584)



A5E



10 W PSU



A210



A230



C300



D7



D7C



EHS 2.0



A100M



A170C



A310D



A310M



A330D



A330M



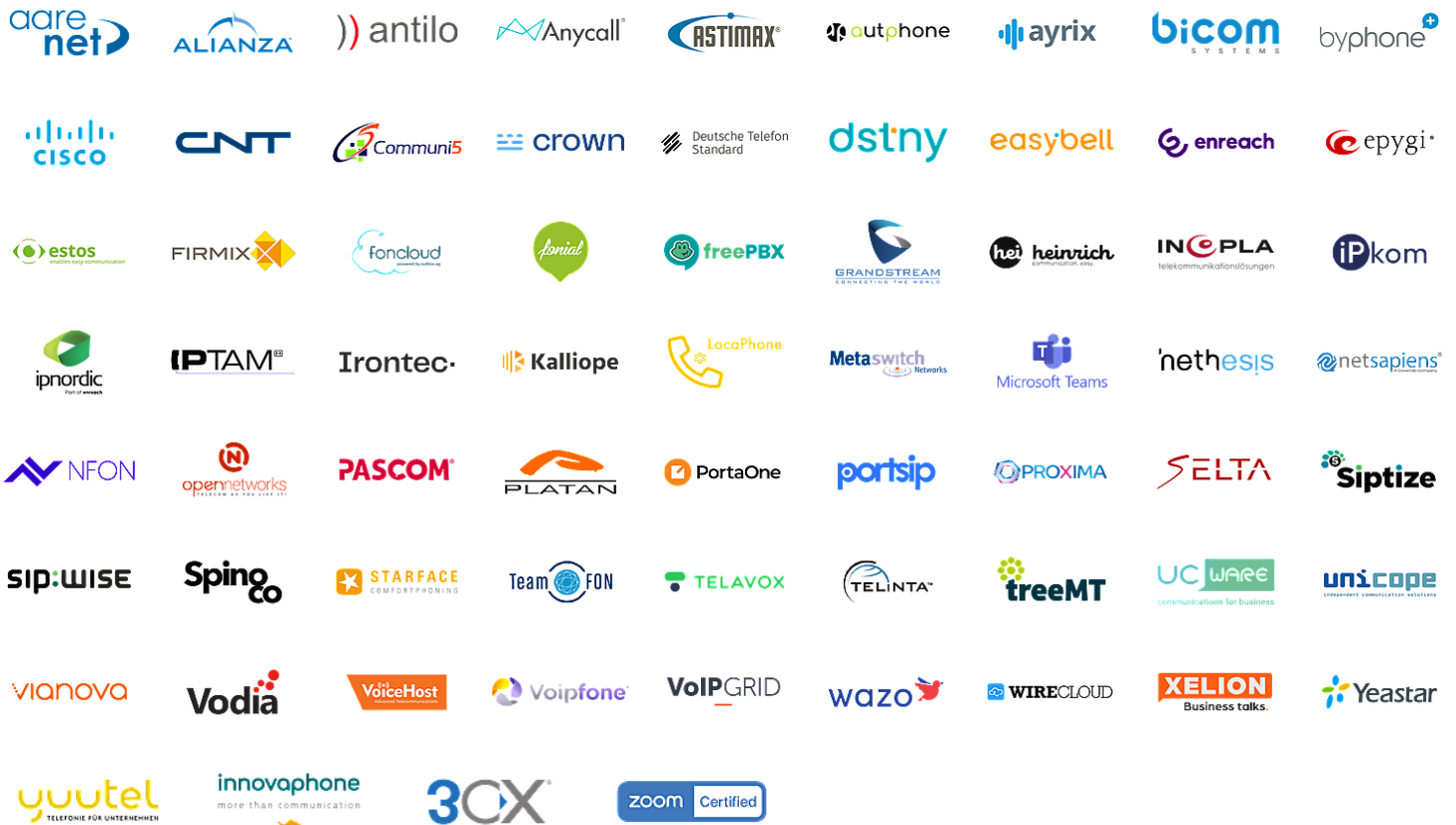
A350M

¹ Available separately

² If supported by PBX

³ Optional via software

Interoperability



Series overview



D713



D717



D735



D785 / D785N



D7



D7C

Disclaimer

Further information: [D735 webpage](#) | [Snom Service Hub D735](#) | [User manual D735](#) | [Short User Manual D735](#) | [General Public License \(GNU\)](#) | [Type approval](#) | [Warranty information](#) | [Company locations](#)

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