

D717



Light sensor



USB port



Power over Ethernet (PoE)



IPv6 & IPv4



Gigabit Ethernet



Expansion module connectable



Headset connectable



Security (TLS & SRTP)



SmartLabel

Inexpensive professional IP telephone

The distinctly designed D717 is the cost-effective entry device into the professional world of VoIP telephony. The high-resolution colour display enables the flexible labelling solution SmartLabel for the 3 freely programmable LED function keys. The new brightness sensor conveniently adjusts the display

brightness to the room lighting conditions. The D717 has a gigabit switch with PoE support and a versatile USB port. The D717, available in both black and modern white, fits perfectly into any work environment, combining the latest technology and the best voice quality at an unbeatable price.

Product variants



D717 | black | PN 00004397



D717 | white | PN 00004398

Basics

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

Dimensions and weight

- Dimensions (L × W × H, approx.) without footstand
 - 205 mm × 185 mm × 40 mm
- Dimensions (H × W × D, approx.) with footstand
 - 220 mm × 185 mm × 205 mm (high angle 46°)
 - 200 mm × 185 mm × 205 mm (low angle 28°)
- Weight (approx.):
 - 830 g with footstand
 - 710 g without footstand

Display and indicators

- Display
 - TFT liquid crystal display (LCD), true colour, backlit
 - Size (diagonal): 2.7" (71 mm)
 - Size (W × H): 59 mm × 33 mm
 - Resolution: 320 × 240 pixel
- 8 LED indicators
 - Call status indication: 1 red LED
 - Message waiting indication (MWI): 1 red LED
 - Function key status indication: 3 multicolour LEDs
 - Audio key status indication: 3 LEDs (1 red / 2 green)

Keypad and function keys

- 37 hard keys in total
- 12 keys (standard ITU telephone keypad)
- 5-way navigation key
- 4 context-sensitive function keys
- 3 SmartLabel keys (with multicolour LED)
- 5 dedicated audio keys
 - Mute (with red LED)
 - Speakerphone (with green LED)
 - Headset (with green LED)
 - Volume + / - (rocker)
- 8 dedicated function keys
 - Ok
 - Cancel
 - DND
 - Message (with red LED)
 - Directory
 - Menu
 - Transfer
 - Hold
- [Expansion module connection via USB port for up to 3 × D7 / D7C¹](#)
- Keyboard lock

Audio devices, codecs and features

- Corded receiver
 - Hearing aid compatible (HAC)
- Speakerphone mode
 - HD audio
- 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 \(PUI\)](#)
- [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

Interfaces and connections

- D717 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:¹ coaxial power connector (socket)
 - Ethernet 1 Gbit/s: 2 × RJ45-8P8C sockets
 - [USB headsets and other accessories:](#)¹ USB 2.0 type A port
 - Corded receiver: RJ9-4P4C socket
 - Headset:¹ RJ9-4P4C socket
 - EHS adapter:¹ RJ12-6P6C socket
- Wireless interfaces
 - [WLAN: optional via A210](#)¹
- Sensors
 - Hook switch sensor
 - Ambient light sensor

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

- 6 SIP identities / accounts
 - Up to 6 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 D717
 - 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
 - D7 (PN 00004011, 00004382)
 - D7C (PN 00004467)
- Wireless conference speakerphone (USB)
 - C300 (PN 00004584)

Snom accessories and compatible devices



10 W PSU



A210



A230



EHS 2.0



D7



D7C



C300



A100D



A100M



A330D



A330M



A170



A150

¹ Available separately

² If supported by PBX

Series overview



D713



D715



D717



D735



D785 / D785N



D7



D7C

Disclaimer

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