

D713



Power over
Ethernet
(PoE)



IPv6 & IPv4



Gigabit
Ethernet



Headset
connectable



Security (TLS
& SRTP)



SmartLabel



HD audio



OpenVPN

Inexpensive professional IP telephone

The distinctly designed D713 is the cost-effective entry device into the professional world of VoIP telephony. Available in black, it fits perfectly into any work environment, combining the latest technology and the best voice quality at an unbeatable price. The high-

resolution colour display enables the flexible labelling solution SmartLabel for the four freely programmable LED function keys. The D713 is equipped with a gigabit switch with PoE support.

Basics

- Product information
 - IP desk phone D715 | black | PN 00004582 | EAN 4260059583695 | UPC 811819013705
 - 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
 - 205 mm × 185 mm × 220 mm (high angle 46°)
 - 205 mm × 185 mm × 200 mm (low angle 28°)
- Weight (approx.):
 - 710 g without footstand
 - 830 g with footstand

Display and indicators

- Display
 - TFT liquid crystal display (LCD): graphical, highcolour, backlit
 - Size (diagonal): 2.8" (71 mm)
 - Size (W × H): 59 mm × 33 mm
 - Resolution: 320 × 240 pixel
- 5 LED indicators
 - Call status indication: 1 red LED
 - Function key status indication: 4 multicolour LEDs

Keypad and function keys

- 38 hard keys in total
 - 12 keys (standard ITU telephone keypad)
 - 4 context-sensitive function keys
 - 5-way navigation key

- 4 SmartLabel keys (with multicolour LED)
- 5 dedicated audio keys
 - Mute
 - Speakerphone
 - Headset
 - Volume + / - (rocker)
- 8 dedicated function keys
 - DND
 - Ok
 - Cancel
 - Message
 - Directory
 - Menu
 - Transfer
 - Hold
- Keyboard lock

Interfaces and connections

- Power options
 - [Power over Ethernet \(PoE\)](#)
 - IEEE 802.3af, class 3 | 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 → Gigabit Ethernet (GbE)
 - Corded handset: RJ9-4P4C socket
 - Headset:¹ RJ9-4P4C socket
 - [EHS adapter](#):¹ RJ12-6P6C (EHS) socket
- Sensors
 - Hook switch sensor

Audio devices, codecs and features

- Casing microphone | Casing speaker
 - Speakerphone mode: Full duplex, 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)

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 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](#)

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 \(USP\)](#)

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

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 D713
 - Footstand
 - Corded handset
 - Ethernet cable
- Documentation
 - **Quick Installation Guide**
 - **General Public License (GNU)**

Interoperability



Snom accessories

- Power adapter [Snom 10 W PSU \(PN 00004570\)](#)
- PoE injector [A5E \(PN 00004679\)](#)



Compatible Snom devices

- EHS adapter [EHS Advanced 2.0 \(PN 00002362\)](#)



- DECT headset via RJ9 / EHS [A170C \(PN 00004733\)](#)
- Wired headset via RJ9-4P4C
 - Monaural: [A100M \(PN 00004341\)](#)
 - Monaural: [A310M \(PN 00004624\)](#)
 - Binaural: [A310D \(PN 00004626\)](#)



- ¹ Available separately
² If supported by PBX
³ Optional via software

Series overview



D713



D717



D735



D7



D7C

Disclaimer

Further information : [D713 webpage](#) | [Snom Service Hub D713](#) | [Quick Installation Guide D713](#) | [User manual D713](#) | [Short User Manual D713](#) | [General Public License \(GNU\)](#) | [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.