

D715



USB port



Power over Ethernet (PoE)



Gigabit Ethernet



IPv6 & IPv4



Expansion module connectable



Headset connectable



Security (TLS & SRTP)



HD audio

Professional HD audio IP desk phone with integrated USB and Gigabit Ethernet connection

The D715 is technologically future-proof with a Gigabit Ethernet switch. The integrated USB connection can be used for USB headsets, the D7 expansion module and the connection of WiFi devices using a USB stick. The D715 has a multi-line B / W graphic display which, together with context-sensitive

function keys, allows intuitive operation of the user interface. 5 LED function keys can be programmed individually and flexibly with numerous telephone functions such as speed dialing, extensions or presence display.

Product variants



D715 | black | PN 00004039



D715 (EoS)³ | white | PN 00004381

Basics

- Product information
 - IP desk phone D715
 - 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.):
 - 560 g with footstand
 - 440 g without footstand

Display and indicators

- Display
 - TFT liquid crystal display (LCD): monochrome, graphical, 4 lines, backlit
 - Size (diagonal): 3.2" (82 mm)
 - Size (W × H): 78 mm × 26 mm
 - Resolution: 128 × 48 pixel
- 10 LED indicators
 - Call status indication: 1 red LED
 - Message waiting indication (MWI): 1 red LED
 - Function key status indication: 5 green LEDs
 - Audio key status indication: 3 LEDs (1 red / 2 green)

Keypad and function keys

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

- 3 programmable function keys (with green LED)
- 5 dedicated audio keys
 - Headset (with green LED)
 - Speakerphone (with green LED)
 - Volume + / - (rocker)
 - Mute (with red LED)
- 3 dedicated function keys
 - Ok
 - Cancel
 - Message (with red LED)
- [Expansion module connection via USB port for up to 3 × D7¹](#)
- Keyboard lock

Interfaces and connections

- 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)
 - Network connectivity: 2 × RJ45-8P8C sockets → 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 proprietary 4-pin socket (EHS)
- Wireless interfaces
 - WLAN: optional via A210¹
- Sensors
 - Hook switch sensor

Audio devices, codecs and features

- Casing microphone | Casing speaker
 - Speakerphone mode: Full duplex, HD audio
- Corded handset
 - Microphone | Handset earpiece
 - Hearing aid compatible (HAC)
- Audio codecs
 - G.711 (A-law, μ -law), G.722, G.726, G.729, 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
 - 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](#), [RFC2833](#), [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 \(formerly TR-111\)](#)

Directory support and call features

- 4 SIP identities / accounts
 - Up to 4 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](#)

Interoperability

- [Certified VoIP partner](#)

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 D715
 - 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
 - D7 (EoS) (PN 00004011)³
 - D7 (PN 00004382)
- Wireless conference speakerphone (USB)
 - C300 (PN 00004584)



10 W PSU



A210



A230



EHS 2.0



D7 (EoS)



D7



C300



A100D



A100M



A310D



A310M



A330D



A330M



A170



A150

¹ Available separately

² If supported by PBX

³ EoS (End of sale)

Series overview



D713



D715



D717



D735



D785 / D785N



D7



D7C

Disclaimer

Further information : [Snom D715 webpage](#) | [Snom Service Hub](#) | [Type approval](#) | [Warranty information](#) | [Company locations](#)

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