

## Snom D815W Desk Phone (D815W)



Product Name: Snom D815W Desk Phone (D815W)

Manufacturer: Snom

Model Number: D815W

### Snom D815W Desk Phone (D815W)

#### Professional telephony made easy

The demands placed on modern communication technologies are constantly growing. Companies are looking for good, reliable and flexible solutions. With the Snom D815W, Snom presents an IP phone that not only impresses with its high-quality features, but also with its ease of use and excellent price-performance ratio. An outstanding feature of the Snom D815W is the large, high-resolution display, which offers unrivalled image quality. Whether for displaying call information, speed-dialling contacts or settings - the D815W ensures that all information is displayed clearly and concisely. The Snom D815W also has nothing to fear in terms of audio: thanks to the integrated dual band Wi-Fi, calls are always transmitted in excellent voice quality. With its intuitive user interface, the Snom D815W is particularly easy to use. Operation is self-explanatory. Despite its wide range of functions, the device remains clear and user-friendly.

#### Snom D812 Key Features

- Large 5 inch IPS colour display
- 2x USB 2.0 high-speed connection
- 10 programmable function keys
- Integrated dual-band Wi-Fi
- Antibacterial housing

### Elegant design

The beautiful design and the consistently elegant and particularly clear design make the desktop phones in the D8xx series an eye-catcher on any desk.

### Large colour display

The 5-inch TFT colour display with a resolution of 480 x 272 pixels guarantees optimum visibility of the display contents in any light.

### Self-labelling function keys

## Snom D815W Desk Phone (D815W)

Thanks to the 8 programmable function keys, you can customise your Snom desk phone to suit your needs, allowing you to start calls or perform other important functions quickly and easily at the touch of a button.

### Snom D815W Technical Specifications

#### Product information

- IP desk phone D815W|gunmetal black|PN 00004691
- Anti-bacterial housing
- Operating system: Linux
- Placement: indoor, desktop, wall mounting

#### Dimensions and weight

- Dimensions (L × W × H, approx.)

- 210 mm × 243 mm × 45 mm without footstand
- 193 mm × 243 mm × 165 mm with footstand

- Weight (approx.)

- 1.12 kg with footstand

#### Display and indicators

- Display

- TFT liquid crystal display (LCD): IPS panel, true colour, backlit
- Size (diagonal): 5.0" (127 mm)
- Size (W × H): 110 mm × 62 mm
- Resolution: 480 × 272 pixel

- 15 LED indicators

- Call status indication: 1 red LED
- Message waiting indication (MWI): 1 red LED
- Function key status indication: 10 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

## Snom D815W Desk Phone (D815W)

• 4 context-sensitive function keys

• Programmable function keys

• 10 SmartLabel keys (with multicolour LED)

• Key mapping of up to 40 functions (10 keys  $\times$  4 pages)

• 5 dedicated audio keys

• Mute (with red LED)

• Speakerphone (with green LED)

• Headset (with green LED)

• Volume + / - (rocker)

• 5 dedicated function keys

• Cancel

• Message (with red LED)

• Transfer

• Hold

• Redial

• Keyboard lock

• Expansion module connection via USB port for up to 3  $\times$  D8C

Audio devices, codecs and features

• Casing microphone | Casing speaker

• Frequency range: 100 Hz - 8.0 kHz

• Speakerphone mode: Full duplex, HD audio , Acoustic echo cancellation (AEC)

• Corded handset:

• Daisy chaining|USB powering|USB headsets and other accessories

• Frequency range: 150 Hz - 8.0 kHz

• Noise cancellation, HD audio , Hearing aid compatible (HAC)

• Audio codecs

• G.711 (A-law,  $\mu$ -law), G.722, G.723.1, G.726, G.729AB, GSM6.10(FR), Opus

• Dual-tone multi-frequency signalling (DTMF / RFC2833):

• SIP-INFO, in-band, out-of-band

• Related features

## Snom D815W Desk Phone (D815W)

- Comfort Noise Generator (CNG)
- Voice Activity Detection (VAD)
- Audio response time
- Adaptive jitter buffer
- Packet loss concealment (PLC)

### Interfaces and connections

- Power options

- Power over Ethernet (PoE)

- IEEE 802.3af, class 3 | IEEE 802.3az

- Power adapter

- 100 - 240 V AC, 50 - 60 Hz | 5 V DC (SELV), 2 A, 10 W

- Wired interfaces

- Power adapter: coaxial power connector (socket)
- Network connectivity: 2 × RJ45-8P8C sockets (NET, PC) & Gigabit Ethernet (GbE)
- USB connectivity: USB 2.0 type A port
- Corded handset: RJ9-4P4C socket
- Headset: RJ9-4P4C socket
- EHS adapter: 1 RJ12-6P6C socket

- Wireless interfaces

- Third party headset support

- DECT: optional via A230

- Network connectivity: WLAN optional via A210

- Sensors

- Hook switch sensor

### User interfaces and setup

- Configuration and setup via menu-driven web user interface (WUI)

## Snom D815W Desk Phone (D815W)

- 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 43 / 60 / 66 / 67
- Secure Redirection And Provisioning Service (SRAPS) support
- Remote management via TR-069 / TR-069 Annex G (TR-111) / TR-369
- Plug & Play (PnP) support

- Localization

- Languages
- Time zone, dial tone

- Diagnostic

- SIP / PCAP trace
- Syslog

- Related features

- Dual firmware partition

Networking technologies and protocols

- Network technologies

- OpenVPN, VLAN (IEEE 802.1q)
- Wireless LAN: IEEE 802.11n (Wi-Fi 4), IEEE 802.11ac (Wi-Fi 5)

- 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

## Snom D815W Desk Phone (D815W)

• 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 2,000 entries

• Outgoing call features

• Speed dialling via function keys

• Speed dialling

• 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)

• Intercom

• Multicast paging

• Incoming call features

• Call waiting/swapping

• Auto answer

• Call diversion

• Call barring/blocking: deny list, anonymous calls, Do Not Disturb (DND) mode

• Connected call features

• Mute microphone

• Hold

• Music on hold

• Blind call transfer

• Attended call transfer

## Snom D815W Desk Phone (D815W)

- 2+1 (4+1) local conferencing
- Call park / unpark
- Client Matter Code (CMC)

### Related features

- Call history lists of missed, received, dialed, rejected, and deflected calls
- Extension monitoring (Busy lamp field), call pickup

### Package contents

#### Hardware

- IP desk phone D812
- Corded handset
- Footstand
- Ethernet cable: 1.5 m

#### Documentation

- Quick Installation Guide
- GNU General Public License

### 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 %

### Snom accessories and compatible devices

- PoE injector

- A5E (PN 00004079)

- Power adapter

- Snom 10W PSU (PN 00004570)

- Wall mount kit

- D8xx WM (PN 00004544)

## Snom D815W Desk Phone (D815W)

1 1/2 Corded wideband receiver

1 1/2 D8xx WB handset (PN 00004561)

1 1/2 USB dongle

1 1/2 DECT: A230 (PN 00004386)

1 1/2 Expansion module

1 1/2 D8C (PN 00004562)

1 1/2 EHS adapter

1 1/2 EHS Advanced 2.0 (PN 00002362)

1 1/2 Wired headset via RJ9

1 1/2 Binaural: A100D (PN 00004342), A310D (PN 00004626)

1 1/2 Monaural: A100M (PN 00004341), A310M (PN 00004624)

1 1/2 Wired headset via USB

1 1/2 Binaural: A330D (PN 00004598)

1 1/2 Monaural: A330M (PN 00004597)

1 1/2 DECT headset via

1 1/2 USB (DECT): A150 (PN 00004388)

1 1/2 RJ9: A170 (PN 00004387)

1 1/2 Wireless conference speakerphone (USB)

1 1/2 C300 (PN 00004584)

**Please Enquire**

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