

# D892M



Wi-Fi



DECT handset



Bluetooth



USB port

Anti-bacterial  
housingExpansion  
module  
connectable

HD audio



SmartLabel

Security (TLS  
& SRTP)

OpenVPN

## Premium IP Desk Phone with integrated DECT Mobility

The Snom D892M builds on the D8xx legacy as a true all-rounder, now with a built-in DECT receiver for up to 50m wireless mobility and a cleaner desk. Ten SmartLabel keys with LED backlighting offer flexible customisation. Its 40° adjustable LCD ensures vibrant colours and readability in any light. With integrated

Bluetooth, Wi-Fi, and hearing aid compatibility, the D892M is a connectivity powerhouse. Designed for professionals handling high call volumes and complex IT environments, it's a future-ready desk phone combining usability with cutting-edge wireless tech.

## Basics

- Product information
  - IP desk phone | DECT handset D8M | gunmetal black | PN 00004539
  - Contactless charging
  - Operating system: Linux
  - Anti-bacterial housing
- Placement
  - Indoor, desktop, wall mounting<sup>1</sup>

## 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): tiltable, IPS panel, true colour, backlit
  - Size (diagonal): 5.0" (127 mm)
  - Size (W × H): 110 mm × 62 mm
  - Resolution: 1,280 × 720 pixels
- IP desk phone: 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)
- DECT handset: 1 LED indicator
  - Charging indication: 1 multicolour LED

## Keypad and function keys

- IP desk phone: 43 hard keys in total
  - 12 keys (standard ITU telephone keypad)
  - 5-way navigation key
  - 4 context-sensitive function keys
  - Programmable function keys:
    - 10 SmartLabel keys (with multicolour LED)
    - Key mapping of up to 40 functions (10 keys × 4 pages)
  - 5 dedicated audio keys
    - Mute (with red LED)
    - Speakerphone (with green LED)
    - Headset (with green LED)
    - Volume + / -
  - 7 dedicated function keys
    - Cancel
    - Message (with red LED)
    - Directory
    - Transfer
    - Hold
    - Conference
    - Redial
- DECT handset: 5 hard keys in total
  - 3 dedicated audio keys
    - Volume + / -
    - Mute / Unmute
  - 2 dedicated function keys
    - Onhook / offhook
    - Power on / off
- Related features
  - Keyboard lock
  - Expansion module connection via USB port for up to 3 × D8C<sup>1</sup>

## Audio devices, codecs and features

- IP desk phone: Casing microphone | Casing speaker
  - 2 dedicated microphones
  - Frequency range: 100 Hz - 14.0 kHz
  - Speakerphone mode: Full duplex, HD audio
- DECT handset: Microphone | Handset earpiece
  - Noise cancellation, HD audio
  - Frequency range: 150 Hz - 8.0 kHz
  - Hearing aid compatible (HAC)
- Audio codecs: G.711 (A-law,  $\mu$ -law), G.722, G.723.1, G.726, G.729, Opus
- Dual-tone multi-frequency signalling (DTMF / RFC2833): SIP-INFO, in-band, out-of-band
- Related features
  - Comfort Noise Generator (CNG)
  - Voice Activity Detection (VAD)
  - Audio response time
  - Adaptive jitter buffer
  - Packet loss concealment (PLC)

## Interfaces and connections

- Power options: IP desk phone
  - [Power over Ethernet \(PoE\)](#): IEEE 802.3af, class 3 | IEEE 802.3az<sup>3</sup>
  - Power adapter:<sup>1</sup> 100 - 240 V AC, 50 - 60 Hz | 5 V DC (SELV), 3 A, 15 W
- Power options: DECT handset
  - Battery: 850 mAh, lithium-ion, non-removable, rechargeable, up to 12 h wideband talk time, up to 200 h standby time, up to 8 h charging time
- Wired interfaces
  - Power adapter: coaxial power connector (socket)
  - Network connectivity: 2 × RJ45-8P8C sockets (NET / PC) → Gigabit Ethernet (GbE)
  - USB connectivity: 2 × USB 2.0 type A ports
  - Corded handset:<sup>1</sup> RJ9-4P4C socket
  - Headset:<sup>1</sup> RJ9-4P4C socket

- [EHS adapter](#):<sup>1</sup> RJ12-6P6C socket
- Wireless interfaces
  - DECT handset: DECT
  - Network connectivity: Wireless LAN
  - [Headset connectivity](#): Bluetooth
- Sensors
  - Hook switch sensor

## User interfaces and setup

- [Configuration and setup via menu-driven web user interface \(WUI\)](#)
  - Visual and functional UX based re-design (phone manager)
  - 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
  - Local call recording via USB
  - Dual firmware partition

## Networking technologies and protocols

- Wireless LAN
  - Frequency band (2G): 2,400.0 - 2,483.5 MHz
    - IEEE 802.11b (Wi-Fi 2): up to 11 Mbps
    - IEEE 802.11g (Wi-Fi 3): up to 54 Mbps
    - IEEE 802.11n (Wi-Fi 4): up to 150 Mbps
  - Frequency band (5G): 5,150 - 5,350 MHz and 5,470 - 5,725 MHz
    - IEEE 802.11a (Wi-Fi 1): up to 54 Mbps
    - IEEE 802.11n (Wi-Fi 4) up to 150 Mbps
    - IEEE 802.11ac (Wi-Fi 5) up to 433 Mbps
- Network technologies
  - [OpenVPN](#), [VLAN \(IEEE 802.1q\)](#)
  - Bluetooth: BT 5.0, class 2
- 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 V1.3](#) incl. ciphers (forward secret & authenticated), HTTPS, [IEEE 802.1X \(EAP-TLS - RFC 5216\)](#)
- 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 50,000 entries](#)
- Import/export phone book (CSV, XML)
- [XML phonebook support](#)
- 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 \(busy/unreachable\)<sup>2</sup>](#)
  - [Intercom](#)
  - [Multicast paging](#)
- Incoming call features
  - [Call waiting/swapping](#)
  - Auto answer
  - [Call diversion](#)
  - **[Call barring / blocking](#)**: deny list, [dynamic central blacklist check<sup>2</sup>](#), anonymous calls, Do Not Disturb (DND) mode
- Connected call features
  - Mute microphone
  - Hold
  - Music on hold<sup>2</sup>
  - [Blind call transfer](#)
  - [Attended call transfer](#)
  - 5-way (4+1) local conferencing
  - Call park / unpark<sup>2</sup>
  - Client Matter Code (CMC)<sup>2</sup>
- Related features
  - Call history lists of missed, received, dialed, rejected, and deflected calls
  - [Extension monitoring \(Busy lamp field\)](#), [call pickup<sup>2</sup>](#)

## DECT technology and features

- Standard: DECT
- Frequency band
  - EU | UK | AU: 1,880 - 1,900 MHz
- RF transmission power
  - EU | UK | AU: < 250 mW
- Coverage
  - Up to 50 m indoor range

## Package contents

- Hardware
  - IP desk phone D892M
  - DECT handset: D8M (PN 00004557)
  - Metal pin (to switch power on/off)
  - Footstand
  - Ethernet cable: 1.5 m
- Documentation
  - **Safety instructions**

## 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

- Power adapter
  - Snom 15W PSU (PN 00004715)
- PoE injector
  - [A5E \(PN 00004679\)](#)
- Expansion module
  - [D8C \(PN 00004562\)](#)
- Wall mount kit
  - D8xx WM (PN 00004544)
- DECT handset
  - [D8M \(PN 00004557\)](#)
- Corded wideband handset
  - D8xx-WB-HS (PN 00004561)
- [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 \(PN 00004597\)](#)
- BT headset via integrated Bluetooth
  - [A350M \(PN 00004658\)](#)
- DECT headset via USB / RJ9+EHS
  - [A170C \(PN 00004733\)](#)
- Wireless conference speakerphone (USB)
  - [C300 \(PN 00004584\)](#)

## Snom accessories and compatible devices



15W PSU



A5E



D8M



D8C



EHS 2.0



C300



A100M



A170C



A310M



A310D



A330M



A330D



A350M

<sup>1</sup> Available separately

<sup>3</sup> Optional via software

<sup>2</sup> If supported by PBX

## Series overview



D810W



D812



D815W/ WB



D862



D865



D892M



D8C

## Disclaimer

Further information: [Snom D892M webpage](#) | [Snom Service Hub D892M](#) | [Safety instructions D892M](#) | [Short User Manual D892M](#) | [Type approval](#) | [Warranty information](#) | [Company locations](#)

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