D862



- Large tiltable 5" IPS colour display
- USB 2.0 high speed connection
- 8 programmable function keys
- Optimized noise reduction

USB port

Security (TLS & SRTP)

OpenVPN

HD audio

D862 - The perfect Entry

The D862 is a beautifully designed entry-level device in the Snom D8xx series. Its clear design makes it ideal for any desk. Equipped with a beautiful, 40° continuously adjustable LC display of 5" size, it offers a very good overview, regardless of the lighting situation at the workplace. The 8 freely programmable function keys are ideal for storing speed dials or call groups.
The Snom D862 combines advanced technology, excellent voice quality and an optimal design in one device - at an unbeatable price. This makes the D862 a perfect entry-level device into the world of professional IP telephony.

Basics

- Operating system Linux
- 3-year warranty
- Colour, gunmetal black
- Wall mountable[1]
- Product numbers
  - D862 | PN 00004535

Dimensions and weight

- Dimensions (D x W x H, approx.)
  - 45 mm x 243 mm x 210 mm w/o footstand
  - 165 mm x 243 mm x 193 mm with footstand
- Weight (approx.)
  - 1,12 kg with footstand

Display and indicators

- Display
  - TFT liquid crystal display (LCD), tiltable, IPS panel, backlit
  - Display size (W x H) 110 mm x 62 mm
  - 5" (127 mm) display size (diagonal)
  - Resolution 1280 x 720 Pixel
- 13 LED indicators
  - 1 red call indication LED
  - 1 red message waiting indication (MWI) LED
  - 8 multicolour function key indication LEDs
  - 3 audio key indication LEDs (1 red / 2 green)

Keypad and function keys

- 39 hard keys in total
- Standard ITU telephone keypad: 12 keys with star and pound/hash key
- 5-way navigation key
- 4 context-sensitive function keys
- Programmable line / function keys
  - 8 freely programmable line / function keys with multicolour LEDs
  - Multiple key occupancy up to 28 functions on 4 pages
- 5 dedicated audio keys
  - 1 mute key with red LED, 1 speakerphone key with green LED, 1 headset key with green LED, 1 volume control rocker
- 5 dedicated function keys
  - 1 cancel key, 1 message key with red LED, 1 transfer key, 1 hold key, 1 redial key
- Related features
  - Keyboard lock

Directory support and call features

- 8 SIP identities / accounts
  - Up to 8 simultaneous calls
- Directory support
  - LDAP (server-based directory)
  - Local directory with up to 10,000 entries
  - Import/export phone book (CSV, XML)
  - XML phonebook support
- Outgoing call features
  - Speed dialling via function keys
  - Speed dialling via keypad: 10 numbers
  - 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 blocking (deny list)
  - Dynamic central blacklist check[2]
  - Blocking of anonymous calls
  - Auto answer
  - Call diversion
  - Do Not Disturb (DND) mode
- Connected call features
  - Mute microphone
  - Hold
  - Music on hold[2]
  - Blind call transfer
  - Attended call transfer
  - 2+1 local conferencing
  - Call park / unpark[2]
  - Client Matter Code (CMC)[2]
- Related features
  - Call history lists of missed, received, dialed, rejected, and deflected calls
  - Extension monitoring, call pickup[2]

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Audio devices, codecs, and features

- Headset connectivity[3]
  - USB headset via USB
  - Wired headset via RJ9-4P4C
  - Compatible wireless headset via EHS
  - DECT headset via optional DECT dongle
  - BT headset via optional Bluetooth dongle
- Corded receiver
  - HD audio
  - Hearing aid compatible (HAC)
  - Frequency range 150 Hz - 8 kHz
  - Noise cancellation
- Speakerphone mode
  - HD audio
  - Frequency range 100 Hz - 8 kHz
  - Full duplex
  - 2 dedicated microphones
- Audio codecs
  - G.711 (A-law, µ-law), G.722, G.723.1, G.726, G.729, Opus
- Dual-tone multi-frequency signalling (DTMF)
  - In-band, out-of-band, SIP-INFO
- Related features
  - Comfort noise generator (CNG)
  - Voice activity detection (VAD)
  - Audio response time
  - Adaptive jitter buffer
  - Packet loss concealment (PLC)

Interfaces and connections

- D862 power options
  - Power over Ethernet (PoE), IEEE 802.3af, class 3
  - Power adapter 100 - 240 V AC / 50 - 60 Hz | 5 V DC (SELV) / 2 A / 10 W[1]
- Wired interfaces
  - 1 coaxial power adapter connector
  - 2 RJ45-8P8C Gigabit Ethernet ports
  - 1 USB 2.0 type A port for USB headsets and other accessories[3]
  - 1 RJ9-4P4C standard connector for corded receiver
  - 1 RJ9-4P4C standard connector for wired headset connection
  - 1 RJ12-6P6C connector for Snom EHS adapter[1]
- Wireless interfaces
  - Bluetooth optional via USB Bluetooth dongle
  - WLAN optional via Snom USB WLAN Dongle[1]
  - DECT optional via Snom USB DECT Dongle[1]
- Sensors
  - Ambient light sensor
  - Hook switch sensor

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 V1.3 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)

User interfaces and setup

- Configuration and setup via menu-driven web user interface (WUI)
  - Visual and functional UX based re-design of web user interface (phone manager)
  - Password-protected login
  - Secure web server/client (HTTPS)
  - Languages
- Configuration and setup via menu-driven phone user interface (PUI)
  - Languages
- 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-369
  - Plug & Play (PnP) support
- Localization
  - Timezone
  - Additional language support
  - Dial tone
- Related features
  - Dual firmware partition

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Environmental conditions

· Operating ambient temperature:	0 °C to 35 °C (32 °F to 95 °F)
· Nonoperating temperature	- 10 °C to 45 °C (14 °F to 113 °F)
· Humidity (non-condensing):	5% - 95%

Package contents

- Desk phone unit
- Footstand
- Corded receiver
- 1.5 m (5 ft) Ethernet cable
- Quick Installation Guide (QIG)

Accessories

- 00004544 | Wall mount kit (D8XX)
- 00004561 | Corded wideband receiver (D8XX)
- 00004570 | 10 W Power adapter
- 00004341 | A100M | Monaural Headset
- 00004342 | A100D | Binaural Headset
- 00004388 | A150 | DECT-Headset
- 00004387 | A170 | DECT-Headset
- 00002362 | EHS Advanced 2.0
- 00004384 | A210 | USB WLAN dongle
- 00004386 | A230 | USB DECT dongle

[1] Available separately
[2] If supported by PBX
[3] Please check compatibility list

Series overview



D862



D865

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