Next Generation VoIP

D785

Key Features

- High-resolution color display
- 6 (24) configurable self-labeling multicolor LED keys
- USB port

- Bluetooth connectivity
- Elegant design
- 3-year standard warranty

The Snom D785 belongs to the latest generation of advanced Snom IP phones. Elegantly designed and featuring a large high-resolution colour display and a convenient second screen for dynamic contact management as well as integrated Bluetooth, this IP phone has all the functions necessary to fulfil even the most demanding requirements.

Featuring an integrated Digital Signal Processor (DSP), the Snom D785 has unprecedented HD audio quality. Based on 20 years of experience in audio engineering, Snom provides the best sound quality for every application.

The timeless, modern design of the Snom D785, combined with a large high-resolution colour display is perfect for any working day. The newly designed user interface and second screen make using this telephone more intuitive than ever.

Thanks to the second integrated display many applications can be managed quickly and easily. The D785 allows you to set up 24 one-touch keys to manage group calls and speed dial/function keys by displaying all information dynamically.

The Snom D785 is the perfect combination of advanced technology and elegant design and sets new standards with its intuitive user interface. Due to its high-resolution colour display and practical second screen, the D785 marks another milestone in the twenty-year history of the VoIP phone pioneer, Snom.

Product Highlights

- High-resolution 4.3" TFT-colour display
- Dedicated display for extension monitoring
- Up to 24 BLF keys (6 physical)
- Improved graphical user interface
- Dual-angle footstand: 46° and 28°
- Wall mountable
- Wideband hands-free talking
- Digital Signal Processor (DSP) enhanced audio quality
- 2-port 1-Gigabit Ethernet switch (RJ45) IEEE 802.3
- Power over Ethernet IEEE 802.3af, Class 3
- USB headset[1] ready
- D7 Expansion Module[1] ready
- Support for USB WiFi stick
- Electronic Hook Switch (EHS)[1] support for wireless headsets
- Built-in Bluetooth compatibility

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Phone Features

- 12 SIP identities / accounts
- XML browser
- Call lists for dialed, received, missed calls
- Local directory with 1000 entries
- Multiple language support
- DTMF in-band / out-of-band / SIP-INFO
- Interoperable with all major IP PBX platforms
- Speed dialing
- URL dialing
- Local dial plan
- Automatic redial on busy
- Call completion (busy/unreachable)[2]
- Caller identification
- Call waiting
- Call blocking (deny list)
- Auto answer
- Hold
- Music on hold[2]
- Handling of up to 4 simultaneous calls
- Blind and attended transfer
- Call forwarding
- 3-way conferencing on the phone
- Extension monitoring, call pickup[2]
- Call park, call unpark[2]
- Multicast paging
- DND mode (do not disturb)
- Keyboard lock
- Client matter code (CMC)[2]

Audio

- Codecs:
  - G.711 A-law, µ-law
  - G.722 (wideband)
  - G.726, G.729AB, GSM 6.10 (FR)
- Built-in assignable ringtones
- Comfort Noise Generator (CNG)
- Voice Activity Detection (VAD)

Setup

- Configurable though web interface
- Provisioning:
  - Automatic loading of settings via HTTP/HTTPS/TFTP
  - DHCP Options 66/67
  - Snom Redirection Service
  - Remote management via TR-069 / TR-111

Specifications

Protocols

- SIP (RFC3261)
- DHCP, NTP
- HTTP / HTTPS / TFTP
- LDAP (Directory)
- Dual Stack IPv4 / IPv6

User Interface

- Localization (language, time, dial tone)
- Red LED for call indication / message waiting
- 4 context-sensitive keys
- 6 programmable line / function keys with multicolor LEDs
- Paper inlay for labeling of function keys
- Dedicated keys for: Message, DND, Directory, Menu, Transfer, Hold, Page switch
- Audio keys with LED indication: Mute, Speakerphone, Headset
- Volume key
- 5-way navigation key
- OK and Cancel keys
- Menu-driven user interface

Security

- 802.1X authentication and EAPOL
- Transport layer security (TLS)
- SRTP (RFC3711), SIPS, RTCP
- HTTPS server/client
- Password-protected web interface
- VPN-support
- VLAN (IEEE 802.1Q)
- LLDP-MED, RTCP-XR

Specifications, Weights and Dimensions

- Dimensions (approx.):
  - 8.07" x 3.54" x 9.06"
  - With desk stand: 8.07" x 8.66" x 7.48"
- Weight (approx.): 2 lbs
- Input voltage: 5Vdc (SELV)
- Power supply: PoE or 5Vdc power adapter[1], 10 Watts
- Handset: 4P4C
- Headset: 4P4C; 4pin for snom EHS Advanced[1]
- Hearing-aid compatible (HAC) handset
- 1 x USB 2.0 host port, Type A, Hi/Full/Low-Speed

- Environmental conditions:
  - Ambient temperature: 0°C to 35°C (32°F to 95°F)
  - Storage temperature: -10°C to 45°C (14°F to 113°F)
  - Humidity: 5% to 95% (non-condensing)
- Included in delivery:
  - Phone unit
  - Footstand
  - Handset with cord
  - Ethernet cable
  - Quick Start Guide
- Color: black
- Warranty: 3 Years
- Part Number: 00004349 (all markets)
- APN: 80-S006-00

[1] Optional accessory (see below for part numbers)
[2] If supported by PBX

APN numbers for optional accessories

APN	Accessory
80-S007-00	D7 Expansion Module (black)
26-350200-3UL	Power Adapter Snom A6 /US clip
89-S015-00	Snom EHS Advanced
00-S013-00	Wallmount plate for 7-series
89-4083-00	A100D Binaural headset
89-4082-00	A100M Mono headset
80-S058-00	**A210 Wi-Fi USB Dongle**
80-S050-00	**A230 DECT USB Dongle**
80-S094-00	**A171 DECT Headset**

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