

# D785



## Benefits

- 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<sup>(1)</sup> ready
- D7 Expansion Module<sup>(1)</sup> ready
- Support for USB WiFi stick
- Electronic Hook Switch (EHS)<sup>(1)</sup> support for wireless headsets
- Built-in Bluetooth compatibility

## 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

## Call Features

- Speed dialing
- URL dialing
- Local dial plan
- Automatic redial on busy
- Call completion (busy/unreachable)<sup>(2)</sup>
- Caller identification
- Call waiting
- Call blocking (deny list)
- Auto answer
- Hold
- Music on hold<sup>(2)</sup>
- Handling of up to 4 simultaneous calls
- Blind and attended transfer
- Call forwarding
- 3-way conferencing on the phone
- Extension monitoring, call pickup<sup>(2)</sup>
- Call park, call unpark<sup>(2)</sup>
- Multicast paging
- DND mode (do not disturb)
- Keyboard lock
- Client matter code (CMC)<sup>(2)</sup>

## Audio

- Codecs:
  - G.711 A-law,  $\mu$ -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 through 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

## 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
- 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

## Phone Features

- Dimensions (approx.):
  - 230 x 205 x 90 mm (LxWxD) w/o foot stand
  - 190 x 205 x 200/220 mm (LxWxD) with foot stand
- Weight (approx.): device 750 g, footstand 140g
- Input voltage: 5Vdc (SELV)
- Power supply: PoE or 5Vdc power adapter<sup>(1)</sup>, 10 Watts
- Handset: 4P4C
- Headset: 4P4C; support for Snom EHS Advanced<sup>(1)</sup>

- 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
- Colour: black
- Warranty: 2 Years

**Type Approvals**

- CE Mark
- Safety IEC 60950, CB

<sup>(1)</sup> Optional accessory (see below for part numbers)

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

**Part numbers**

**For optional accessories**

- 00004011 D7 Expansion Module (black)
- 00004325 Power Adapter Snom A6 / EU clip
- 00004326 Power Adapter Snom A6 / US clip
- 00001168 UK clip for Snom A6
- 00001167 AUS clip for Snom A6
- 00002362 Snom EHS Advanced
- 00003820 Wallmount plate for 7-series
- 00004341 A100M Headset
- 00004342 A100D Headset
- 00004343 ACUSB Headset adaptor

**For D7 series**

- [00004349 Snom D785](#)
- 00003917 Snom D765
- 00004259 Snom D745
- 00003916 Snom D725
- 00004039 Snom D715
- 00004353 Snom D712

**Series Overview**



**D785**



**D765**



**D745**



**D725**



**D715**



**D712**