

# D785 / D785N

## Desk Phone



### Key Features

- 4.3" (480x272) color LCD
- 6 (24) configurable self-labeling multicolor LED keys
- USB port
- Elegant design
- Bluetooth® connectivity (Not available on the D785N)
- Electronic Hook Switch (EHS)<sup>1</sup> support for wireless headsets
- D7 or D7C Expansion Module<sup>1</sup> ready
- Support for USB WiFi stick
- 2-port Gigabit Ethernet switch (RJ45)
- 3-year standard warranty



Power over Ethernet



IPv6 & IPv4



Headset Compatible



Security (TLS & SRTP)



HD Audio



Gigabit Ethernet



Self-Labeling Keys



Bluetooth (Not available on the D785N)



USB Port



Expansion Module Ready



OpenVPN

## 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)<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, u-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

## Specifications, Weight & 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: 5V DC (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 USB 2.0 host port, Type A, Hi / Full / Low-speed
- Bluetooth® 4.0 class 2<sup>3</sup>
- 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
  - Foot stand
  - Handset with cord
  - Ethernet cable
  - Quick Start Guide
- Color: Black
- Warranty: 3 years
- D785 Part Number: 00004349 (all markets)
- D785N Part Number: 00004601 (all markets)
- D785 APN: 80-S006-00
- D785N APN: 80-S160-00

## APN # for Optional Accessories

- D7 Expansion Module (Black): 80-S049-00
- D7C Expansion Module (Black): 80-S103-00
- Power Adaptor Snom A6 / US Clip: 26-350200-3UL
- Snom EHS Advanced: 89-S015-00
- Wallmount Plate for D7 Series: 89-S013-00
- A100D Binaural Headset: 89-S020-00
- A100M Mono Headset: 89-S019-00
- A210 WiFi USB Stick: 89-S035-00
- A230 DECT USB Stick: 80-S050-00

1 - Optional accessory

2 - If supported by PBX

3 - D785N does not have Bluetooth® capabilities