

# D787 Desk Phone



## Key Features

- 4.3" (480x272) color LCD
- 6 (24) configurable self-labeling multicolor LED keys
- 2 USB ports
- Elegant design
- WLAN
- Electronic Hook Switch (EHS)<sup>1</sup> support for wireless headsets
- D7 or D7C Expansion Module<sup>1</sup> ready
- 2-port Gigabit Ethernet switch (RJ45)
- 3-year standard warranty



Power over Ethernet



IPv6 & IPv4



Programmable Keys



USB Port



3 Year Warranty



HD Audio



Security (TLS & SRTP)



Headset Compatible



WLAN



Gigabit Ethernet



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 (Approximately)

- 8.07" x 3.54" x 9.06"
- With desk stand: 8.07" x 8.66" x 7.48"

### Weight (Approximately)

- 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
  - 2 USB 2.0 host ports, Type A, Hi / Full / Low-speed
  - 2 RJ45-8P8C Gigabit Ethernet port
  - WLAN IEEE 802.11n/ac

### 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
- D787 Part Number: 00004621 (all markets)
- D787 APN: 80-S179-00

### 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
- A230 DECT USB Stick: 80-S050-00
- A330M Mono USB Headset: 80-S149-00
- A330D Binaural USB Headset: 80-S150-00

- 1 - Optional accessory
- 2 - If supported by PBX