

## D765

High-resolution color display  
and wideband HD audio



# D765



### Key Features

- High-resolution color display
- 16 LED function keys
- Wideband audio
- USB connectivity
- Gigabit switch
- 12 SIP identities
- Built-in Bluetooth-compatibility

### Visual excellence

Featuring a 3.5" high-resolution color TFT display the D765 brings visual information presentation to a new level. Rich information such as presence and photo-caller-ID is attractively displayed.

A total of 16 freely programmable multicolor function keys give the user high versatility. Each function key can be configured for a variety of one-touch telephony functions such as speed dial, busy lamp field or presence indication.

### Connectivity

The D765 features two Gigabit Ethernet ports to fulfil even demanding requirements. Built-in Bluetooth compatibility and a Hi-Speed USB port allow for easy

connection of various accessories like a USB or Bluetooth headset, a WiFi stick, or the D7 Expansion Module.

### High Quality Audio

The advanced speaker and microphone system and the Digital Signal Processor (DSP) ensure that the D765 delivers best audio performance. Whether you use the hands-free speakerphone or the handset, you will always experience superior, crystal-clear call quality.

The D765 is the perfect companion for users requiring cutting-edge design and high-end functionality. The D765 simply goes one step beyond.

## Benefits

- High-resolution 3.5" graphical TFT display
- Dual-angle footstand: 46° and 28°
- Wall mountable
- Wideband hands-free talking (speakerphone)
- Digital Signal Processor (DSP) enhanced audio quality
- 2-port 1-Gigabit Ethernet switch (RJ45) IEEE 802.3
- Power over Ethernet IEEE 802.3af, Class 2
- 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

## Firmware

### 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 over the phone <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>
- Unified Communications ready

### 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

## 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
- 16 programmable line / function keys with multicolor LEDs
- Paper inlay for labeling of function keys
- Dedicated keys for: Message, DND, Directory, Menu, Transfer, Hold
- Audio keys with LED indication: Mute,

- Volume key
- 4-way navigation key
- OK and Cancel keys
- Menu-driven user interface

**Security**

- HTTPS server/client
- Transport layer security (TLS)
- SRTP (RFC3711), SIPS, RTCP
- VLAN (IEEE 802.1x)
- LLDP-MED, RTCP-XR
- VPN support
- Web interface password protection

**Phone Features**

- Dimensions in millimeters (approx.):
  - 238 x 190 x 40 (LxWxD) w/o foot stand
  - 238 x 190 x 200/220 mm (LxWxD) with foot stand
- Weight (approx.): device 690g, footstand 230g
- Input voltage: 5Vdc (SELV)
- Power supply: PoE or 5Vdc power adapter<sup>(1)</sup>, 10 Watts
- Handset: 4P4C
- Headset: 4P4C; 4pin 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
- Color: black
- Warranty: 2 Years
- Part Number: 00003917 (all markets)

**Type Approvals**

- CE Mark
- FCC Class B
- 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

- 00002730 Power Adapter PSAC10R-050 (EU/US clip)
- 00001168 UK clip for PSAC10R-050
- 00001167 AUS clip for PSAC10R-050
- 00004011 D7 Expansion Module (black)
- 00003820 Snom 7xx Wall Mount Kit for US Standard 4" Ethernet wall plate
- 00002362 snom EHS Advanced
- 00001122 HS-MM2