D765

High-resolution color display and wideband HD audio

snom

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 con-

nection 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 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

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)[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]
· Unified Communications ready

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
· 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, Speakerphone, Headset

· Volume key
· 4-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.):
  · 238 x 190 x 40 mm (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[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: 2 Years
· Part Number: 00003917 (all markets)

Type Approvals

· CE Mark
· FCC Class B
· Safety IEC 60950, CB

[1] Optional accessory (see below for part numbers)
[2] 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
00001122   HS-MM2 headset