snom

Snom D710

HD audio and high-end functionality

D710

Key Features

- Wideband audio
- 4-line backlit display
- 4 context sensitive keys
- 5 configurable function keys with LEDs
- 4 SIP identities

High End Audio

The D710 is built from the ground up for HD audio. Its ergonomically designed handset has an advanced speaker and microphone system. By supporting a broad range of codecs, the phone delivers superior, crystal-clear call quality in both handset and handsfree use.

Intuitive user interface

The D710 features a four-line black and white graphical display. The four context-sensitive keys and an intuitive, user-friendly menu, makes using the D710 easy. Five programmable function keys with built-in LEDs for visual call indication can be configured for a variety of one-touch telephony functions such as speed dial, busy lamp field or presence indication.

Advanced Features

Using a preinstalled certificate, the D710 supports the latest VoIP security protocols to ensure secure communications. Advanced remote management and provisioning capabilities make the D710 an ideal endpoint for service providers of hosted VoIP deployments as well as larger-scale installations.

Four SIP identities make the D710 flexible to use in demanding environments. The D710 is the perfect phone for everyday business telephony.

Benefits

· Backlit graphical display, 4 lines
· Dual-angle footstand: 46° and 28°
· Wall mountable
· Hands-free talking (speakerphone)
· Digital Signal Processor (DSP) enhanced audio quality
· 2-port 10/100 Mbps Ethernet switch (RJ45)
· Power over Ethernet IEEE 802.3af, Class 1
· Electronic Hook Switch (EHS)[1] support for wireless headsets

Firmware

Features
· 4 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
· Configuration via 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

Specification

Protocols
· SIP (RFC3261)
· DHCP, NTP
· HTTP / HTTPS / TFTP
· LDAP (Directory)

User Interface
· Localization (language, time, dial tone)
· Red LED for call indication / message waiting
· 4 context sensitive keys
· 5 programmable line / function keys with green LEDs
· Paper inlay for labeling of function keys
· Dedicated message key
· Audio keys with LED indication: Mute, speakerphone, headset
· Volume key
· 4-way navigation key
· OK and Cancel
· 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.):
  · 205 x 185 x 40 mm (LxWxD) w/o footstand
  · 205 x 185 x 200/220 mm (LxWxD) with footstand
· Weight (approx.): device 440 g, footstand 120 g
· Input voltage: 5 Vdc (SELV)
· Power supply: PoE or 5Vdc power adapter [1]
· Handset: 4P4C connector
· Headset: 4P4C
· Hearing aid compatible (HAC) handset
· 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: 00004235 (all markets)

Type Approval

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

[1] Optional accessory
[2] 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
00003387	Power adapter, PSAC05R-050(TE)-R, EU Clip
00003903	Power adapter, PSAC05R-050(TE)-R, US Clip
00003820	Snom 7xx Wall Mount Kit for US Standard 4" Ethernet wall plate
00002362	Snom EHS Advanced
00001122	HS-MM2

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