SNOM

D712

Power over Ethernet   **IPv6 & IPv4**   **Headset connectable**   **OpenVPN**

Key Features

· Wideband audio
· 4 context sensitive keys
· 5 configurable function keys with LEDs
· 4 SIP identities
· IPv6 capable

snom

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
· IPv6

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)
· Dual Stack IPv4 / IPv6

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 Installation Guide
· Color: black
· Warranty: 2 Years
· Part Number: 00004353 (all markets)

Type Approval

· CE Mark
· FCC Class B
· Safety IEC 60950

[1] Optional accessory (see below for part numbers)
[2] If supported by PBX

Part numbers for optional accessories

00004325	Power Adapter A6 with EU clip
00004326	Power Adapter A6 with US clip
00001168	UK clip for Power Adapter A6
00001167	AUS clip for Power Adapter A6
00004394	Snom Power Adaptor 10W
00002362	Snom EHS Advanced
00004341	Monaural Headset Snom A100M
00004342	Binaural Headset Snom A100D

Series Overview

D785   D765   D735   D725   D717   D715   D712

On the internet
https://www.snom.com/d712/