Snom SP800 IP Desk Phone Terminal (SP800)

Product Name: Snom SP800 IP Desk Phone Terminal (SP800)
Manufacturer: Snom
Model Number: SP800

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With the Snom SP800 from Snom is the ideal solution for businesses looking to connect their employees via remote desktop or a soft client through the cloud without compromising on perfect audio quality.
Snom SP800 Key Features

ï¿½ 2 × USB 2.0
ï¿½ HD Audio
ï¿½ TLS & SRTP
ï¿½ 2 LED indicators
ï¿½ 8 SIP identities
ï¿½ LDAP
ï¿½ Control via Soft Client

Especially in industries such as banking, insurance, and public administration, connections via the terminal server are of great importance as they provide effective protection against external misuse and security risks. However, the high security of these solutions can sometimes come at the expense of audio quality, as a terminal server does not differentiate between data or audio packets.
This is where the Snom SP800 comes in, offering an optimal balance between security and audio quality.
Equipped with the features of a Snom D862 desk phone, the Snom SP800 guarantees the familiar first-class Snom audio experience for users without compromising on security. Even in the most demanding scenarios, voice transmission remains clear and understandable. Thanks to its sleek design, the Snom SP800 seamlessly integrates into employees' work environments and can be easily placed on or under any desk. It is the perfect solution for businesses that value secure and high-quality communication without sacrificing flexibility and user-friendliness.

Snom SP800 Technical Specifications:
Basics

ï¿½ Product information

ï¿½ IP desk phone terminal | gunmetal black | PN 00004641
ï¿½ Operating system: Linux

ï¿½ Placement

ï¿½ indoor, wall mounting

Dimensions and weight

ï¿½ Dimensions (L × W × H, approx.)

ï¿½ 110 mm × 110 mm × 30.2 mm

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ï¿½ Weight (approx.)

ï¿½ 145 g

Indicators and keys

ï¿½ 2 LED indicators

ï¿½ Call status indication: 1 green LED
ï¿½ Power status indication: 1 red LED

ï¿½ 1 dedicated function key: Reset

Audio devices, codecs and features

ï¿½ Audio codecs

ï¿½ G.711 (A-law, μ-law), G.722, G.723.1, G.726, G.729, Opus

ï¿½ Dual-tone multi-frequency signalling (DTMF / RFC2833):

ï¿½ SIP-INFO, in-band, out-of-band

ï¿½ Related features

ï¿½ Comfort Noise Generator (CNG)
ï¿½ Voice Activity Detection (VAD)
ï¿½ Audio response time
ï¿½ Adaptive jitter buffer
ï¿½ Packet loss concealment (PLC)

Interfaces and connections

ï¿½ Power options

ï¿½ Power over Ethernet (PoE)

ï¿½ IEEE 802.3af, class 3 | IEEE 802.3az

ï¿½ Power adapter

ï¿½ 100 - 240 V AC, 50 - 60 Hz | 5 V DC (SELV), 2 A, 10 W

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ï¿½ Wired interfaces

ï¿½ Power adapter: coaxial power connector (socket)
ï¿½ Network connectivity: 2 × RJ45-8P8C (PC/NET) sockets → Gigabit Ethernet (GbE)
ï¿½ USB headsets and other accessories: 3 2 × USB 2.0 type A ports
ï¿½ Headset: 3.5 mm miniature audio jack
ï¿½ Maintenance (Snom): RJ12-6P6C (EHS) socket

User interfaces and setup

ï¿½ Configuration and setup via menu-driven web user interface (WUI)

ï¿½ Visual and functional UX based re-design (phone manager)
ï¿½ Password-protected login
ï¿½ Secure web server/client (HTTPS)

ï¿½ Computer telephony integration (CTI)

ï¿½ uaCSTA over SIP, CSTA over HTTP(S)

ï¿½ Automatic configuration via provisioning

ï¿½ Loading of settings and firmware via HTTP, HTTPS, TFTP
ï¿½ Supported DHCP provisioning options 43 / 60 / 66 / 67
ï¿½ Secure Redirection And Provisioning Service (SRAPS) support
ï¿½ Plug & Play (PnP) support
ï¿½ Remote management via TR-069 / TR-069 Annex G (TR-111) / TR-369

ï¿½ Localization

ï¿½ Languages
ï¿½ Time zone, dial tone

ï¿½ Diagnostic

ï¿½ SIP / PCAP trace
ï¿½ Syslog

Networking technologies and protocols

ï¿½ Network technologies

ï¿½ OpenVPN, VLAN (IEEE 802.1q)

ï¿½ VoIP related protocols and techniques

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ï¿½ SIP, SDP, RTP, RTCP, RTCP-XR, SIP REFER method (RFC 3515), rport (RFC 3581), ENUM, ICE, STUN

ï¿½ Secure VoIP protocols

ï¿½ SIPS (SIP over TLS), SRTP, SRTCP

ï¿½ Network protocols IPv4 / IPv6 (dual stack)

ï¿½ IPv4 / IPv6 (dual stack), DHCP, NTP, LDAP, LLDP-MED, HTTP, TFTP, L2TP

ï¿½ Secure network protocols

ï¿½ TLS V1.3 incl. ciphers (forward secret & authenticated), HTTPS, IEEE 802.1X (EAP-TLS - RFC 5216)

ï¿½ Remote management protocols

ï¿½ TR-069, TR-069 Annex G (formerly TR-111), TR-369 (USP), uaCSTA over SIP, CSTA over HTTP(S)

Directory support and call features

ï¿½ 8 identities / accounts
ï¿½ Directory support

ï¿½ LDAP (server-based directory)
ï¿½ Local directory with up to 10,000 entries
ï¿½ Import/export phone book (CSV, XML)

ï¿½ Outgoing call features

ï¿½ URL dialling
ï¿½ Local dial plan
ï¿½ Automatic redial on busy
ï¿½ Caller identification (CLIP)
ï¿½ Calling Line Identification Restriction (CLIR)
ï¿½ Call completion (busy/unreachable)

ï¿½ Incoming call features

ï¿½ Call waiting/swapping
ï¿½ Auto answer
ï¿½ Call diversion
ï¿½ Call barring/blocking: deny list, dynamic central blacklist check 2 , anonymous calls

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Interoperability

ï¿½ Certified VoIP partner

Environmental conditions

ï¿½ Operating ambient temperature: 0 °C - +35 °C
ï¿½ Nonoperating (storage) temperature: -10 °C - +45 °C
ï¿½ Humidity (non-condensing): 5 % - 95 %

Package contents

ï¿½ Hardware

ï¿½ IP desk phone terminal SP800
ï¿½ Ethernet cable: 1.5 m

ï¿½ Documentation

ï¿½ Quick Installation Guide

Snom accessories and compatible devices

ï¿½ Power adapter

ï¿½ Snom 10 W PSU (PN 00004570)

ï¿½ Wall mount kit

ï¿½ SP800 (PN 00004657)

ï¿½ Wired headset via USB

ï¿½ Binaural: A330D (PN 00004598)
ï¿½ Monaural: A330M (PN 00004597)

ï¿½ Wireless conference speakerphone (USB)

ï¿½ C300 (PN 00004584)

Please Enquire