snom 760 IP phone

High-level functionality coupled with a multitude of professional features

qualified for Lync

- **High-resolution 3.5" color display**
- **12 identities (lines)**
- **16 multicolor LED function keys & 4 variable function keys**
- **Wideband HD audio**
- **Speakerphone**
- **Power over Ethernet (PoE)**
- **WLAN / Bluetooth headset ready**
- **Gigabit switch**
- **XML Minibrowser**
- **2 USB ports**

The **snom 760** phone addresses office users that require excellent audio, PBX-style keys, and rich visual information. It combines a state-of-the-art hardware with the proven snom SIP software.

The new audio subsystem was designed for excellent performance in office environments. It supports a large range of codecs, wideband audio, handset and hands-free operation according to TIA-920 standard. The specially designed grips which hold and release the receiver compliment overall user-friendliness by eliminating the noise normally associated with lifting and replacing the receiver.

For network connectivity, the **snom 760** comes with two Gigabit Ethernet ports, one of them suitable for Power over Ethernet. The Ethernet ports are connected to an internal switch that is capable of VLAN tagging, so that an external PC can reside in a different VLAN than the phone. The two USB type A connectors can be used to expand the functionality of the **snom 760**. An optional USB stick can be used to connect the phone over Wireless LAN or enable Bluetooth headsets.

The 3.5 inch backlit color display can be used to display rich information, such as presence information, photo caller-ID or video surveillance images. Keys next to the display can be used to switch easily between multiple calls and are free programmable for other functions.

Two rows of general-purpose keys with 12 two-color LEDs can be used to implement functions known from traditional PBX systems. Examples include speed dial, busy lamp field (BLF), shared line appearances (SLA), redirection, door opening, and many more features depending on the PBX system used.

The new foot stand allows two positions for the device (28° and 46° angle). It can be setup and changed easily without tools. The **snom 760** comes in a dark grey color that fits the typical office dress code and makes usage traces less obvious than lighter colors. Like all snom desktop phones, the **snom 760** comes with software that has been used in many installations over the last decade. Configuration can be done manually through the built-in web server or through automatic provisioning. There are extensive management and reporting tools available, such as RTCP-XR or PCAP. Customization can be done in various ways, such as the snom mini-browser protocol.

The phones come with a preinstalled certificate signed by the snom certificate authority which makes it possible to securely provision the phone without manual interaction. In addition to the traditional provisioning mechanisms, it comes with TR-069/TR-111 for easy deployment in carrier environments.

The **snom 760** not only provides you with comprehensive IP telephone functionality, but also a whole range of extra features which really put it in a class of its own compared to similar products.

Technical Data snom 760

qualified for Lync

GENERAL INFORMATION

- **Weight:** approx. 920g (690g without foot-stand)
- **Dimensions:** approx. (mm) 238x190x40 (LxWxD) w/o footstand, 238x190x220 (LxWxD) with footstand
- **Certification** FCC Class B, CE marking
- **Safety:** IEC 60950-1:2007
- **Power over Ethernet (PoE):** IEEE 802.3af, Class 2
- **Power:** PoE or 5V DC power supply listed in the user guide [1]
- **Ethernet:** 2 x IEEE 802.3/1 Gigabit switch
- **1 x LAN, 1 x PC:** RJ 45
- **USB ports:** 2 x type A, USB 2.0 Hi/Full/Low Speed-compatible host interface
- **Handset:** 4P4C connector
- **Headset:** 4P4C connector or wireless via USB adapter[2] or snom EHS Advanced[3]
- **Color:** Anthracite gray

USER INTERFACE

- High-resolution color display
- 8.9 cm, 320 x 240 pixels, 18 bits color depth
- 16 freely programmable function keys with LEDs, 4 variable function keys
- Comfortable and intuitive menu structure
- Localization
- Selection of ring tones, VIP ring tones, integration of customized ring tones
- Call indication with LED
- LED indication for missed calls, waiting messages, and calls on hold
- Speakerphone
- Multiple audio device support
- Clock with automatic daylight-saving time
- Call duration

PHONE FUNCTIONS

- 12 identities (lines)
- Directory with 1000 contact entries
- Import/Export of Directory
- Speed dialing
- URL dialing
- Local dial plan
- Automatic Redial on busy
- Call completion (Busy/Unreachable) [4]
- Caller identification
- Call waiting
- Auto answer
- Call blocking (deny list)
- Blocking of anonymous calls
- Lists of missed, received, and dialed calls
- Hold
- Music on hold [4]
- Handling of up to 12 calls simultaneously
- Blind and attended transfer
- Call forwarding
- 3-way conference on the phone
- Extension monitoring, call pickup [4]
- Call park, call unpark [4]
- Multicast paging
- DND mode (do not disturb)
- Mute microphone
- Keyboard lock
- Client Matter Code (CMC) [4]
- Unified Communications ready

WEB SERVER

- Built in HTTP, HTTPS server
- Remote configuration/provisioning
- Dialing via Web browser
- Password protection
- Diagnostics (traces, logging, syslog)

SECURITY, Quality of Service

- HTTPS-Server/-Client
- Transport Layer Security (TLS)
- SRTP (RFC3711), SIPS, RTCP
- VLAN (IEEE 802.1Q)
- LLDP-MED, RTCP-XR
- VPN

CODECS, AUDIO

- Wideband Audio
- G.711 A-law, µ-law
- G.722, G.726, G.729AB, GSM 6.10 (full rate)
- Comfort Noise Generator (CNG)
- Voice Activity Detection (VAD)

SIP

- RFC3261 compliant
- UDP, TCP and TLS
- Digest authentication
- PRACK (RFC3262)
- Loose and strict Routing
- Error code indication
- Reliability of provisional responses (RFC3262)
- Early media support
- DNS SRV (RFC3263), redundant server support
- Offer/Answer (RFC3264)
- Message Waiting Indication (RFC3842), Subscription for MWI events (RFC3265)
- Dialog-state monitoring (RFC 4235)
- DTMF
- STUN client (NAT traversal)
- Event list subscription support (RFC 4662)
- Bridged line appearance (BLA) [4]
- Auto provisioning with PnP [4]
- Presence/Buddy-list feature [4]
- Busy lamp field support (BLF) [4]
- Presence publishing [4]

INSTALLATION

- Automatic software updates
- Automatic loading of settings via HTTP/ HTTPS/TFTP
- Completely configurable through Web interface
- Remote management via TR-069/TR-111
- Easy WLAN binding via USB adapter [5]
- Static IP, DHCP support
- NTP

[1] Available separately: Power supply PSAC10R-050 (snom PN 00002730)

[2] Available separately: snom USB BT (PN 00002591) or BT Audio Bundle (PN 00003406)

[3] Available separately: snom EHS Advanced V2.0 (PN 00002362)

[4] If supported by PBX

[5] Not included

snom UK Ltd.
Amethyst House, Meadowcroft Way,
Leigh Business Park
Leigh, Manchester WN7 3XZ
tel: +44 161 348 7500
fax: +44 161 348 7509
mail: uksales@snom.com

snom technology Inc.
18 Commerce Way, Suite 6000
Woburn, MA 01801
tel: +1-781-569-2044
fax: +1-781-569-2045
mail: infoUSA@snom.com

snom technology AG
Wittestr. 30 G
13509 Berlin, Germany
tel: +49 30 39833-0
fax: +49 30 39833-111
sip: info@snom.com
mail: info@snom.com

Version 3.0.0 / en / July 2013