snom 760 IP phone

High-level functionality coupled with a multitude of professional features

- **High-resolution 3.5"color display**
- **16 LED function keys**
- **Wideband audio**
- **Hands-free operation**
- **Power over Ethernet (PoE)**
- **WLAN / Bluetooth Headset ready**
- **VLAN**
- **2 x USB (Type A)**
- **2 Gigabit LAN ports**

and much more…

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 (33° and 55° 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 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

GENERAL INFORMATION

- **Weight:** approx. 920g
  (690g without foot-stand)
- **Certifications:** FCC Class B, CE Mark
- **Safety:** IEC 60950-1:2007
- **Power over Ethernet/PoE:**
  IEEE 802.3af, Klasse 2
- **Power:** 5 V DC (not included)
- **Power consumption:** 4–7 W
- **Ethernet:** 2 x IEEE 802.3/1 Gigabit switch
- **1 x LAN, 1 x PC:** RJ 45
- **Handset:** RJ-4P4C connector
- **Headset:** RJ-4P4C connector or via USB
- **USB ports:** 2 x Type A, Hi/Full/Low
  Speed host interface
- **Color:** Anthracite Grey

USER INTERFACE

- High-resolution color display
- 8.9 cm, 320 x 240 pixels 18 bits color depth
- 16 freely programmable keys and 4 variable
  function keys
- Comfortable and intuitive menu structure
- Call indication with LED
- Caller identification
- LED indication for missed and received calls
  and messages
- Address book with 1000 contact entries
- Contact Import / Export from Address book
- Speed dialing
- Local dial plan
- Indication of calls on hold
- Clock with automatic daylight-saving time
- Call duration
- Call blocking (deny list)
- Management of up to 12 calls simultaneously
- Auto answer
- URL dialing

- Selection of ring tones, VIP ring tones,
  integration of customized ring tones
- National Language Support
- DND mode (do not disturb)
- Hands-free talking
- Keyboard lock

ADDITIONAL FUNCTIONS

- Easy WLAN binding via USB stick
- Hold
- Blind and attended transfer
- Call forwarding
- 5-way conference on the phone
- Call park, pickup (via PBX)
- Call completion (Busy/Unreachable)
- Client Matter Code (CMC)
- Automatic Redial
- Group call announcements
- Multiple audio device support
- 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 802.1X)
- LLDP-MED, RTCP-XR

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)
- Auto provisioning with PnP
- Presence/Buddy-list feature
- Busy lamp field support (BLF)
- Presence publishing

INSTALLATION

- Automatic software updates
- Automatic loading of settings via
  HTTP/ HTTPS/TFTP
- Completely configurable through
  Web interface
- Static IP, DHCP support
- NTP