snom 105
VoIP Phone

The snom 105 is the newest member of the snom portfolio. It is a cost-effective, mid range VoIP phone that addresses the communication needs of basic and advanced users. The snom 105 works for users like a conventional phone designed to fulfill enterprise and service provider requirements. It can be deployed in the following end-user environments: enterprises, small and medium-sized enterprises (SME), small offices and home offices (SOHO). Its easy operation, competitive pricing, NAT traversal and deployment tools help achieve true low TCO (Total Cost of Ownership).

Key Features

- Characteristic of the snom 105 is its appealing design and 128 x 64 pixels graphical display, the snom 105 is easy and intuitive to use coming with a complete set of supplementary services. The backlight of the display makes reading the content easy and provides features such as date and time, calling party number and digits dialed.

- 2 Ethernet port switch with VLAN support, which enables users to connect a PC or Laptop behind the Phones Ethernet port eliminating the need for a second port or hub at the users desk.

- National language support (NLS): Dutch, English, Finnish, French, German, Portuguese, Slovak, Spanish

- Asian Language Support (ALS): Japanese

- STUN client (NAT traversal)

More Flexibility and Comfort for your business!

- The snom 105 also has four interactive navigation keys that guide users through call features and functions. A MENU key allows the user direct access to the main menu to adjust general settings, ringer sounds etc. and a HELP key brings up context specific help texts. To cancel or confirm actions or inputs, the snom 105 features a CANCEL and an OK key.

- For more comfort and convenient usage a headset connector for standard PC headsets can be connected.

- The graphical user interface similar to cellular phones and the integrated web server makes usage much easier and faster.

- Complementary software allows integration with Microsoft Outlook and other TAPI-based applications.

Choose the Choice!

The snom 105 is certainly the ideal choice for your business. Built upon open standards, customers may add components from different vendors to their infrastructure supporting both H.323/H.450 and SIP. Using Linux as underlying operating system, integration of the snom 105 becomes as easy and reliable as connecting another workstation to your network. Its quick hardware keeps the phone as responsive as an analog phone.

A centralized update mechanism keeps all devices in the network up to date, making them a safe investment in a dynamic field.

Features snom 105

Technical Data:

- Certifications: FCC Class B, CE Mark Commercial
- Dimensions: 18,5 cm W x 17 cm L x 7cm H (Aprox. 7-1/2" x 7" x 2-3/4")
- Weight: ca. 550 g
- Operating humidity: 10% to 85%, Non-Condensing
- Storage humidity: 5% to 90% Non-Condensing
- Operating temperature: 0°C to 40°C (32°F to 104°F)
- Power: 48 V
- Storing temperature: -20°C to 70°C (-4°F to 158°F)

Connectors:

- Network: RJ45 (Ethernet)
- PC: RJ45 (Ethernet)
- Handset: RJ14 Standard Handset Connector
- Headset: Standard Computer Headset
- Power: Centre pin+

User Interface

- Display: Graphical 128 x 64 pixels
- 12 alphanumeric keys, 8 function keys
- Last calls (100 entries)
- Address book (100 entries)
- Number guessing, speed dialing, hands free dialing
- Missed calls, taken calls
- Call waiting indication
- Clock, call-timer
- Caller-ID
- Menu driven user interface
- Selectable ringing melodies
- National language support
- Log in/log out
- URL Dialing support
- Do not disturb
- Speakerphone
- Auto answer mode

Call Features

- Hold
- Blind transfer, Attended transfer
- Music on hold support†
- Divert
- Call intrusion
- Overlap dialing
- Call completion†

Web Server

- Embedded web server
- Easy configuration of the phone, remote configuration
- Dial from web interface
- Password protection
- Diagnostics (tracing, logging)
- Images can be downloaded from Internet for slow connections
- Instant Messaging, Presence†
- Presence indication
- Probability registrations
- Reception of instant messages
- Compatible with Microsoft™ Messenger™

Codecs

- G.711 aLaw, uLaw
- G.729A, GSM 6.10 (Full rate)
- GIPS
- Up to 48 kHz, 16 bit audio hardware
- Headset connector with 2 audio channels
- Handset connector with 1 audio channel
- In band DTMF
- Out of band DTMF (RFC2833)

SIP

- RFC3261 compliant
- UDP and TCP support
- Digest authentication
- Loose routing and strict routing support
- Error-information support
- Reliability of provisional responses (RFC3262)
- DNS SRV (RFC3263), redundant server support
- Offer/answer (RFC3264)
- Message waiting indication reception, subscription for MWI events (RFC3265)
- Session-Timer
- In-band and out of band DTMF
- STUN client (NAT traversal)
- Outbound proxy support, initial route

H323

- Fast start, early start
- H.245 tunneling
- H.450.2 (call transfer), H.450.3 (divert), H.450.4 (hold), H.450.5 (call park/pickup), H.450.7 (message waiting indication), H.450.9 (call completion), H.450.11 (call intrusion)
- Short message reception
- Out of band DTMF negotiation
- User input indication via H.245
- PBX codes (conference, pickup, divert, hold, transfer)
- Alternate Gatekeeper support
- Automatic Gatekeeper detection
- Configurable gatekeeper TTL
- Automatic settings retrieval from Gatekeeper
- Gateway or Gatekeeper mode
- Facility based supplementary services
- Gateway/External line prefix support

Installation

- Static IP provisioning, DHCP
- TFTP and HTTP client for configuration
- Automatic software update
- Completely automatic installation from web
- Daylight saving time, time retrieval from proxy

Ethernet

- 2 port with switch included
- Power over LAN support ("big capacitor" detection) compatible with: PowerDsine (48V) PD-PH-4006, 4012, 4024
- IEEE 802.3 10/100 BT half duplex/full duplex with auto-sense
- † SIP only

* ™ (www.globalipsound.com) **gips**