



## ProVu Launch

# Snom 100 IP Telephone

ProVu are pleased to announce the launch of the Snom 100 VoIP phone which sets new standards in flexibility and interoperability. The phone is compatible to every VoIP-gateway and gatekeeper based on the open standards SIP and H.323/H.450, which makes it easy to integrate it in an existing LAN/WAN environment. With Linux as the underlying operating system, stability and security are not an issue for the snom 100.

Able to handle both H.323/H.450 and SIP protocol suites and software updates, the snom 100 is ready for the future – no matter which protocol stack will prevail or might come up the snom 100 is a safe investment. In addition, CTI applications such as HTTP, TAPI and LDAP integrate the phones with the rest of the IT infrastructure. This makes applications possible which were not economically feasible with traditional technology.

The customer does not have to bid farewell Supplementary Services features he is familiar with (e.g. ISDN). On the contrary - with a snom phone the connection is set up as fast as with a digital ISDN phone and in addition to the IP functionality, the snom 100 supports features like call hold, call waiting, call forward/transfer, call divert, caller line identification, etc.

The voice quality of the snom 100 can not be distinguished from a traditional ISDN phone and its graphical interface and web browser make calling, remote management and configuring even easier.

## **Key Features of Snom 100**

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- Call Log - 100 incoming, outgoing and missed calls.
  - HTTP server for web administration and dialling
  - Echo Cancellation
  - Traversal over NAT.
  - Call hold, divert and transfer, with consultation.
  - Graphical Display with 4 soft keys
  - The phone software can be upgraded remotely and central administration is available.
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## **Advantages of SIP protocol**

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- Call SIP addresses over the internet for free.
  - Open Standard - compatible with all other SIP devices.
  - More flexible than a traditional PABX - not limited to where you can run phone cable.
  - Completely scallable - the intelligence is in the phone so never full to capacity.
  - Calls are made to a Personal identifier. Logon to your identifier from any location.
  - No need for phone number just name - sales@provu.com
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# Snom 100 IP Telephone

## Technical Data

### Hardware

- **Power supply:**

Primary 100-240 V 50-60 Hz, Secondary: 48V DC; 0,35 A, 4-6 Watt Optional Power over LAN via Ethernet cable (PoE)

- **Power Consumption:**

4-5 Watt

- **Connector:**

10/100 BaseT Ethernet auto-detect, standard computer headset, RJ11 standard handset connector

- **Dimensions:**

18,5 cm W x 17 cm H x 7 cm D  
Weight : 550g

- **Display:**

Graphical 128 x 64 pixels

- **Keyboard:**

12 alphanumeric keys, 8 function keys

- **Audio:**

Loudspeaker Inclusive 27 ring tones  
Dynamic Jitter Buffer Voice Compression

- **Temperature range:**

0°C to 40°C, 10-90% humidity Non-condensing,  
Storage: - 10°C to 70°C

- **Technology:**

16 MB RAM, 4 MB Flash  
32 Bit Microprocessor

### Software

- **Operating System:**

Linux 2.4.18

- **Configuration:**

Via menu (graphical display)  
Via Internet (plug and play) and web browser

### Protocol Stacks

- **Internet:**

IP, TCP, UDP, ICMP, DHCP, LDAP, TFTP, TIME, DNS, PPPoE

- **Voice over IP:**

H.323: H.225, H.245, H.450  
SIP (RFC2543, draft-ietf-sip-rfc2543bis-9.txt),  
draft-ietf-sip-session-timer-8.txt,  
draft-ietf-sip-100rel-04.txt,  
draft-ietf-sip-srv-03.txt,  
draft-ietf-sip-events-01.txt,  
draft-ietf-sip-refer-02,  
draft-mahy-sip-message-waiting-02.txt),  
<http://www.ietf.org/internet-drafts/draft-rosenberg-midcom-stun-01.txt>,  
<http://www.ietf.org/internet-drafts/draft-rosenberg-midcom-turn-00.txt>)  
TAPI, RAS, VCAPi-VCAPi (ISDN over IP)\*\*,  
IAX\*\*

- **Voice encoding:**

G.711(μ-law / A law), G.729A  
(8kBit/s), GSM 6.10,  
GIPS TM ([www.globalipsound.com](http://www.globalipsound.com))

- **Supplementary Software:**

SIP proxy server, SIP NAT gateway (Linux only),  
SIP mailbox, SIP music on hold server, SIP  
conference server\*, SIP STUN/TURN Server,  
remote configuration tools

- **NLS (national language support):**

Croatian, English, French, German, Polish,  
Serbian and Spanish

\* In Preparation \*\* 3rd party OEM Product