

Data Sheet



snom 100

Voice over IP phone

snom 100 VoIP phone

The snom 100 is a mid range VoIP phone that targets basic and advanced users. With its appealing design and graphical display, it is easy and intuitive to use and comes with a complete set of supplementary services. Apart from the familiarity and functionality our customers appreciate the price/value ratio.

The backlight of the display makes reading the content easy and a headset connector for standard PC headsets can be connected for more convenient usage. The graphical user interface similar to cellular phones and the integrated web server makes usage much easier and faster. Complimentary software allows integration with Microsoft Outlook and other TAPI-based applications.

Using Linux as underlying operating system, integration of the snom 100 becomes as easy and reliable as putting just another Linux client into the network. Its quickhardware keeps the phone as responsive as an analog phone.

Built upon open standards, customers may add components from different vendors to their infrastructure supporting both H.323/H.450 and SIP.

An integrated LDAP client allows system administrators to set up and use company and global phone books. A centralized update mechanism keeps all devices in the network up to date, making them a safe investment in a dynamic field.

Features

- call list/deny list/missed calls list
- call hold, call wait
- call waiting service
- graphical display with 4 soft keys
- transfer
- mailbox support
- speed dial
- HTTP server
- multiple registrations (SIP only)
- TAPI integration
- phone book
- MWI sending/receiving
- music on hold redirection
- call divert
- re-dialling
- caller waiting list
- different ring tones
- DTMF (in band/out of band)
- presence server registration
- NLS (national language support): Croatian, English, French, German, Polish, Serbian and Spanish
- Traversal over NAT



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, RJ14 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***
- **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

 *** TM (www.globalipsound.com)



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