

NetPhone NP 210

If you are looking for professional solution for terminal user's equipment of VoIP network, we have right product for you - Voipac Net Phone 210. NP 210 is IP phone, which operates independently (without PC) in Ethernet network. Furthermore, it provides new applications such as Instant Messaging, SMS, Email, Calendar, etc.



Net Phone

Applications:

- Cost-effective international and long distance voice communication
- SOHO telephone services between offices, while using IP PBX
- Phone to PC and PC to Phone
- Combined voice and data services provided via ISP and ITSP
- Jabber Instant Messaging client (compatible ICQ, Yahoo, AOL, Net Meeting...)

Benefits:

- Cost-effective long distance Internet telephone calls.
- Maximum flexibility in selection of Internet calls or PSTN calls.
- Simple interface for ADSL/Cable Modem, or router with 2 Ethernet ports.
- Simple VoIP either using private or public high-speed Internet access

Description

The scope of "Fayn" service, provided by Voipac Company and its partners, is to provide PSTN and mobile operators' network access worldwide. To provide fully professional services, fine quality terminal equipment that is affordable and available for large scale of business and home users is must. The terminal equipment possessing aforementioned characteristics is Net Phone NP210 supplied by Voipac Company.

NP 210 is H.323v4 protocol compatible, upon your request we can supply a version that is SIP protocol compatible.

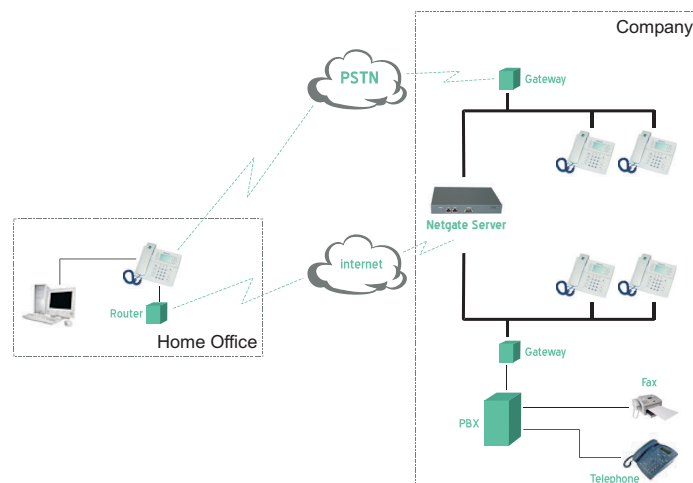
As for platform, NP210 is built on Intel xScale technology. It includes two Ethernet ports (RJ 45) for LAN and PC connection. It contains 128 x 64 pixels, full graphics LCD display viewing date and time, call station name, dialed numbers and other information. There are 10 programmable buttons available for memory/quick dialing and 8 buttons for special functions such as HOLD, REC, SPEAKER, MUTE, ALT, CALL, etc. there is also high-quality loudspeaker and microphone built-in.

Remote configuration, administration, reset and firmware update could be done by SSH. NP 210 supports NetMeeting v3.0 and other H.323 compatible applications for voice transmission and web conferencing. The important feature is Instant Messaging support by Jabber service. Thus, the user can communicate with other ISM clients, such as ICQ, Yahoo Messenger, AOL. In the event that it is connected to Fayn network, it is able to send and receive SMS from/to mobile GSM networks.

Voipac Net Phone can be easily connected to ADSL/Cable modem interface or T1/E1 router interface, and thus provide cost effective and efficient VoIP service for household and SOHO users.

Characteristics

- Automatic IP address configuration via DHCP
- or static IP address
- IEEE 802.1p uses TOS parameters for IP packets prioritizing
- NAT and PPPoE support (optional)
- VOMP (Voipac management) support
- Fast Start and H.245 Tunneling support
- H.450 services (Hold, Transfer, Forward)
- Automatic Gatekeeper Discovery
- Peer-to-peer mode (no Gatekeeper)
- 128x64 graphical LCD display
- LCD display: Time, Date, Caller ID, time of call, etc.
- Speaker phone
- Conference call
- Dialing of last 10 inputs
- 12 button keypad: 0 to 9, # and *
- 2 x LEDs
- Keypad entry for IP and Gatekeeper address configuration, etc.
- Mode of dialing selection/configuration
- Jabber Instant Messaging compatible
- Calendar
- Comfortable and well-organized menu
- Custom settings saving
- ON-hook dialing
- Caller groups
- QoS



www.voipac.com

voipac

Voipac, s.r.o., Janka Kráľa 3
911 01 Trenčín, Slovak Republic
Phone: +421 32 653 85 55
Fax: +421 32 653 85 33
Email: info@voipac.com
Web: www.voipac.com

Services:

- User Login
- User account status info
- Credit Charging (within Fayn network)
- Instant Messaging (Jabber)
- E-mail

Audio performance

- Activation by voice
- Echo cancellation G.168/G.165/G.167
- Programmable dynamic Jitter Buffer
- Faulty frames interpolation
- DTMF generation/distinguishing
- Gain/loss setting
- Ringing intensity regulation, speakerphone and micro-telephone adjustable volume

Management

- Password protection
- Upgrade of SCP/NFS Software
- Software configuration via:
 - SSH
 - LCD display

Hardware

- Intel® XScale™ Core Processor
- External FLASH - 8MB
- External SDRAM 32(64)MB
- Large high-contrast, full graphics display
- Alphanumeric keypad
- Ethernet (10), (2x Ethernet 10) RJ-45
- Integrated Hub (10) for PC
- Headset connector

Power supply

- External adapter DC 12V (600 mA)

Software

- Built on Linux
- H.323v4 stack, SIP (customer)
- Remote upgrade possible

Supported codecs

- G.729A
- G.723.1
- LPC-10
- GSM-06.10
- MS GSM
- G.711-uLaw, G.711-ALaw

Technical parameters

- Operating temperature ... 0 - 40°C
- Storage temperature ... -10 - 60°C
- Humidity ... 10 - 95%
- Dimensions ... 210x250x70mm (w, h, d)
- Weight ... 800g
- Max power consumption ... 7W