



## BaseLine Pro SIP

IP Desktop telephone

### *At a Glance*

- Open SIP based
- Attractive price
- Fully iS3000-SIP@Net compliant
- 8 configurable function keys
- Ideal for groupworkers

The BaseLine Pro SIP is a dual port, next generation IP phone that provides a cost-saving solution for small and large businesses. The open standard SIP protocol ensures that you can easily install this IP phone now and in the future on any SIP compliant platform. Eight user-configurable or administrator-configurable function keys with LED indicators can easily be allocated to hold menu functions like do not disturb, follow-me, and Absent/present switching.

For work groups, the eight function keys can also be configured as line keys depending on the needs of each user. The two-line LCD display shows call information, and the menu-driven user interface provides simple feature management.

The BaseLine Pro SIP is synonymous with effectiveness, time saving and flexibility: it provides all necessary office functionality such as last number redial, call forward/transfer, call history, volume adjustment and speakerphone.

Empowered by Innovation

**NEC**

## User Benefits

The BaseLine Pro SIP supports numerous office facilities for the business user:

- The terminal is equipped with 8 direct and 8 indirect memory keys. They can be used to store the user's most frequently dialled numbers or their preferred dialled facilities.
- The LEDs beside the memory keys provide function status monitoring capabilities.
- With incoming calls, the caller's number is displayed.
- Caller's name is displayed if the number of the incoming call is found in the phonebook.
- The callers list provides an overview of calls missed during an absence. The "Missed calls" text in the LCD display indicates that there are new unanswered calls, while a dedicated key provides easy access to the missed calls list.
- The message-waiting LED facilitates the use of voicemail.
- The mute button allows users to confer in privacy.
- The hands-free mode allows both hands to be used for other tasks, while continuing a telephone conversation.
- The last number redial list button provides quick and easy access to the list of last dialled numbers to select and call a number again, for example if the line is busy.
- The terminal is standard powered by means of Power over Ethernet. An optional adapter for mains powering is also available.

## Features

### Display

- LCD display: 2 lines of 16 alphanumeric characters
- English language

### Visual indications

- Message waiting indication LED
- Ringer LED
- Shift, hold and loudspeaking LED
- 8 function status monitoring LEDs with the direct memory keys

### Terminal features

- Called number/name display
- Connected number/name display
- Ringer melody selection (4 melodies)
- Ringer volume control
- Speaker and handset volume control
- Soft ring support
- iS3000-SIP@Net dialled facilities support
- Local Phone book – number/name (140 entries)
- Callers list (incoming calls, 64 entries)
- Missed calls list (incoming calls, 64 entries)
- Placed calls list (outgoing calls, 64 entries)
- Last number redial list (64 entries)
- Mute-key in handset
- Mute-key on terminal (hold/resume)
- Listen-in
- Hands-free
- DTMF support (for post dialling)
- Message waiting indication
- 8 Programmable direct memory keys with function status monitoring LEDs
- 8 Programmable indirect memory keys
- Downloadable firmware (from TFTP server)
- Configuration files for projecting the terminal functions (from TFTP server)

### Interfaces

- Dual Ethernet 10/100Mbit Ethernet port with switching and VLAN functionality

### Power

- PoE (Power Over Ethernet in accordance with IEEE 802.3 af Classification: Class1)
- Optional Local power supply

### Audio features

- G.711 (ALaw and  $\mu$ Law)
- G.729A (annex B)
- Acoustic echo cancellation
- Voice activity detection
- Comfort noise fill

### Other

- Wall mountable

# Technical Data

## Physical characteristics

- Size: 160 x 205 x 73 mm (w x d x h)
- Weight: 0.66 kg (set with handset, without charger and network cables)
- Color: dark grey/charcoal

## Packaging

- Box size: 240 x 220 x 65 mm (w x d x h)
- Total weight: 0.96 kg

## Environmental conditions

- Temperature range:
  - Storage –25° C to +55° C Class 1.2
  - Transport –40° C to +70° C Class 2.3
  - Operational –5° C to +45° C Class 3.1
- Relative humidity:
  - Storage 5% to 95% RH
  - Transport 5% to 95% RH
  - Operational 5% to 90% RH

## Compatibility

- Operation is successfully verified on the iS3000-SIP@Net

## Protocols and RFCs

- SIP
- TCP, UDP, RTP, RTCP
- TFTP Client/DHCP Client/PPPoE Client
- Telnet/HTTP Server
- DNS Client
- NAT/DHCP Server
- NTP (Network Time Protocol) Time Server
- Subscribe notify (RFC 3265)
- Message waiting (RFC 3842)
- LED Busy Lamp Appearance (Draft anil sipping-bla-02)
- Basic Call handling RFC 3261
- CLI and name display RFC 3261
- Registration/Authentication RFC 2617, 3216, 3261 section 22
- Transfer (SIP Refer.) RFC 3515, 3891
- DTMF support RFC 2833
- SIP Reliability RFC 3262
- SDP handling RFC 2327, RFC 3264
- RTP RFC 3550
- Payload formats in SDP RFC 3555
- Re Invite Draft ietf sipping 3pcc 06
- Network Asserted Identity (connected number) RFC 3324

## Compliance

- European Directives
  - Safety: 2006/95/EC
  - EMC: 2004/108/EC
  - R&TTE: 1999/5/EC
  - RoHS: 2002/95/EC
  - WEEE: 2002/96/EC
  - Energy: 2009/278/EC
- Council Recommendation
  - EMF 1999/519/EC
- European Standards
  - EN55022: Class B
  - EN55024:
  - EN61000-3-2
  - EN61000-3-3
  - EN60950-1
  - EN50371

## Deliverables

The BaseLine Pro SIP set is supplied with:

- Network cable (LAN) CAT.5e, 3 m.
- An English user guide (Online available languages: Danish, Dutch, English, French, German, Italian, Portuguese, Spanish, and Swedish)
- A wall mounting bracket
- For local powersummary

## Option

- AC Poweradapter

UNIVERGE®360 is NEC's approach to unifying business communications. It places people at the center of communications and delivers on an organization's needs by uniting infrastructure, communications and business.



**About NEC Corporation:** NEC Corporation (NASDAQ: NIPNY) is one of the world's leading providers of Internet, broadband network and enterprise business solutions dedicated to meeting the specialized needs of its diverse and global base of customers. NEC delivers tailored solutions in the key fields of computer, networking and electron devices, by integrating its technical strengths in IT and Networks, and by providing advanced semiconductor solutions through NEC Electronics Corporation. The NEC Group employs more than 150,000 people worldwide. For additional information, please visit the NEC home page at: <http://www.nec.com>

For further information please contact your local NEC representative or:

**EMEA (Europe, Middle East, Africa)**  
NEC Unified Solutions  
[www.nec-unified.com](http://www.nec-unified.com)

**North America (USA)**  
NEC Corporation of America  
[www.necam.com](http://www.necam.com)

**Corporate Headquarters (Japan)**  
NEC Corporation  
[www.nec.com](http://www.nec.com)

Empowered by Innovation

