ProVu Communications

Siemens S450 IP

A stylish new DECT IP phone system from Siemens.

The S450 IP is the latest cordless DECT IP phone in the Siemens Gigaset range. With the S450, users can make two IP calls through the base station and register up to 6 different SIP accounts.

This stylish handset maintains the ease of use and quality of the C460IP and provides two significant advancements, multiple IP calls and multiple registrations.

The S450 handset has a high quality display (128x128 pixel, 4096 colours) and features 5 polyphonic ring tones and 10 melodies.

These advanced features make the S450 a very attractive proposition for business users. The S450 has the capability to register up to 6 different SIP accounts. This gives the users the advantage of having 6 separate numbers or extensions at the same time, maximizing the use of their Internet connection for voice calls.

In addition, the S450 offers the business user further advanced features such as email notification and instant messaging.

Key Features

- Can make calls over VoIP (SIP) or a normal telephone line
- Use like a normal DECT cordless phone
- 20m range, 300m outdoor range
- 13 hour talk time
- 170 hour standby time
- Emergency calls can be routed down normal telephone line
- Supports the common SIP VoIP protocol
- Handset with high quality colour display
- Register up to 5 additional handsets
- Phone book for up to 150 numbers and names with birthday notification
- Hands free speaker phone built into handset
- UK caller ID display (On normal telephone line)
- Configuration on supplied handset or built in web server
- Illuminated colour display with icon-based menu

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Technical data

Telephony:

- VoIP support (embedded SIP VoIP)
- SIP accounts (VoIP numbers):
  - Configure up to 6 SIP accounts
  - Assign accounts individually to handsets
- Perform up to 2 VoIP calls in parallel + 1PSTN
- Easy set up by handset, no PC needed
- Advanced set up by web configuration software
- Firmware update directly from handset
- DHCP Client
- Codecs: G711, G726, G729AB with VAD/CNG
- Quality of service: ToS, Diffserv
- Automatic local area code prefix dialling
- VoIP supplementary services (device controlled): conference, hold/toggle, call forwarding

DECT System Features (multiple handsets):

- 3 calls simultaneously:
  - 2 VoIP calls or
  - 2 VoIP and 1 PSTN
- Transfer of external calls to another handset DECT transfer
- 3 party conference (1 external/2 internal participants)
- VoIP call conference
- Directory transfer between handsets

Call Features:

- Convenient selection of outgoing line (VoIP or PSTN)
- Redialling list for up to 20 different numbers
- Automatic prefix dialling of network provider
- Redial key
- Missed and made call logs (30 entries)
- Caller ID display

Handset:

- Illuminated 6 line graphical handset display (128x128 pixel), 4096 colours)
- Adjustable handset volume – 3 levels
- 5 polyphonic ring tones, 10 melodies
- Individual internal call melody
- Illuminated keypad
- Keypad protection with long press of hash key
- Standby time: up to 110h
- Talk time: up to 13h
- Indoor range: up to 50m
- Outdoor range: up to 300m
- Battery: NiMH batteries (AAA)
- Dimensions: 144 x 52 x 27mm

Base station:

- Paging key with status LED
- Connection of 1 external PSTN line
- Ethernet connection (IEEE 802.3)
- Link up to 6 handsets
- Wall mountable

Acoustics:

- Full-duplex hands free-speaking in handset
- Headset connection via 2.5mm jack connector

SMS Features (Over PSTN only):

- Transmission of SMS (provider dependant) with up to 160 characters per message
- Storage of up to 30 SMS messages and up to 3 personalized In-boxes
- SMS protocol 1

Alarm Features:

- Alarm with selectable ringer melody
- Snooze function
- Activation by dedicated alarm button

Instant Messaging:

- Connect to any Jabber IM server
- Send and receive messages on handsets just like SMS messaging.

Email:

- Direct access to POP3 accounts without PC
- New emails signalled by illuminated MWI-key with comfortable access to message list: Information about sender, time, date and subject.

Power Supply:

Handset:

- Input voltage: 230VAC, 50Hz, 20mA
- Output: 4VDC, 150mA
- 1.8 metre cord

Base:

- Input: 230 VAC, 50-60Hz, 65mA
- 1.8 metre cord