

# Gigaset

## DECT IP base for mobile communication in small to medium businesses.

### N510 IP PRO

The N510 IP PRO is the DECT IP base station for small to medium businesses that supports all available Gigaset DECT handsets. Users benefit from flexible communication with exceptional sound quality. Professional features such as corporate directory access, online directories and email notification add efficiency to the workday. Wireless connectivity enables freedom of movement and multi-tasking convenience. The N510 IP PRO is compatible with over 250 VoIP providers and all common PBX systems. Zero-touch installation with Gigaset T300 PRO and T500 PRO PBX systems ensures quick and easy configuration.



UP TO  
6 USERS



SUPPORTS UP  
TO 4 CALLS



HIGH  
DEFINITION  
SOUND

### Feature highlights:

- Up to 4 external calls in parallel
- Up to 6 handsets
- Up to 6 VoIP accounts
- Compatible with Gigaset's wide range of DECT handsets
- Exceptional HD sound with HDSP™<sup>1,2</sup>
- Local network directory and public online directories<sup>1</sup>
- Email notification and reader<sup>2</sup>
- Professional zero-touch auto-provisioning setup<sup>3</sup>
- Desktop or wall mountable
- Energy-saving<sup>4</sup> ECO features
- Integrated power over Ethernet

#### DECT technology.

Interference-free DECT technology provides benefits in terms of range, standby time and speech quality.

#### SIP cordless phone technology.

Proven and optimized SIP technology guarantees high compatibility (250+ providers worldwide).

#### Business productivity.

With access to a local network directory and public online directories, managing contacts is easy. Users can view online information and receive messages instantly via the email reader.

#### Ease of use.

The user interface featured in the new generation of Gigaset handsets is consumer-friendly and visually attractive, making communication as easy as possible

#### Flexible deployment.

With the wide selection of compatible Gigaset handsets, every user will find a handset to satisfy his or her needs. Compatibility with a broad range of IP providers and PBX systems enables flexible combinations.

#### Growing with your needs.

The N510 IP PRO is expandable by up to 6 handsets. With up to 6 DECT Repeaters you can increase the range of mobile devices.

# N510 IP PRO

## Professional HD sound.

Exceptional HDSP™<sup>1,2</sup> sound adds business efficiency: superb and clear wideband audio technology makes calls sound like face-to-face meetings.

## Cutting-edge Gigaset handsets.

Users can select from a broad range of compatible Gigaset handsets according to their business requirements. Gigaset handsets are convenient, uncomplicated and reliable. Cutting-edge technology, brilliant sound and innovative features make them a pleasure to operate, and thorough tests have proven their endurance. Designed in contemporary, elegant style, they perfectly suit business environments. ECO DECT reduces power consumption and DECT transmission, allowing businesses to maintain a commitment to the environment.

## Technical data:

### Phonebook and dialling

- External network directories via XML interface or LDAP<sup>6</sup>
- Reverse search and online auto look-up
- vCard Support
- Caller ID<sup>1</sup> for incoming and outgoing calls
- Missed and redialled call lists
- Search function
- Automatic prefix dialling or provider selection

### Receiving calls

- Online auto-lookup<sup>1</sup>
- List of calls missed, received, dialled
- Call waiting, forward and transfer
- Call hold and retrieve
- Music on hold
- DTMF (SIP Info / RFC 2833)
- Multinational call progress tones

### Computer Telephony Integration (CTI)

- Via standard SIP procedure as in the Gigaset T500 PRO and T300 PRO
- BroadSoft: click to dial, click to answer<sup>6</sup>

### Voicemail

- SIP MWI signalling
- Access key

### Classic PBX features<sup>1,3</sup>

- Network AM
- Conference calls
- Call transfer: attended, early attended
- Call hold
- Call reject
- Call resume
- Call back
- CLIR
- Call waiting
- Call forwarding: CFU, CFNR, CFB
- No MWI if call is completed elsewhere
- Call log
- Zero-touch auto-provisioning<sup>3</sup>

### Hardware

- Desktop or wall mountable
- Indoor use (IP20)
- Status LED and paging key
- Ethernet RJ45 10/100 Mbps
- Integrated power over Ethernet (PoE Class 1 < 4W)
- Power-saving 230 V switch-mode power supply
- Colour: polar white SF9063
- Dimensions: 132 mm (H) x 105mm (L) x 46mm (D)
- Weight: 120g
- Two-year warranty

# N510 IP PRO

## PBX compatibility

- Gigaset
- Asterisk
- Starface
- BroadSoft
- HiPath
- IP Centrex
- Nortel
- Sylantro

## ECO and further IP PBX (SIP)

- Up to 60% less energy consumption with energy-saving power supply<sup>4</sup>
- ECO Mode for 80% reduction of transmitting power<sup>7</sup>
- ECO Mode Plus for 100% reduction of transmitting power of base station and all registered handsets<sup>8</sup>
- Variable transmitting power reduction according to distance between handset and base station

## Special features

- Email notification and reader (POP3, POP3S)<sup>2</sup>
  - Up to 6 accounts (1 per user)
  - Up to 560 characters
- Info Center with online content: weather, news and more
- Roaming with up to 4 base stations<sup>5</sup> (no handover)
- Increase range with up to 6 Gigaset DECT repeaters

## Provisioning and administration

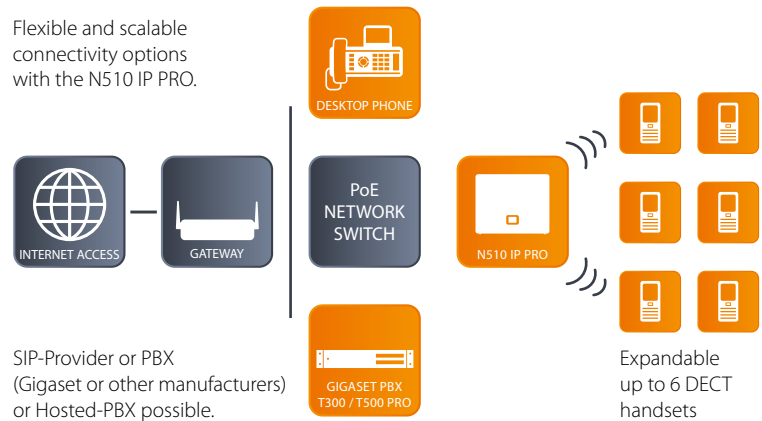
- Easy setup via web server or handset
- Configuration wizard
- Administrator-friendly configuration via config file<sup>6</sup>
- Retrieval of provisioning URL via SIP Multicast
- Plug & Play auto-provisioning for operator / customer
- Firmware upgrade / downgrade
- Sysdump
- TR-069 (prepared)

## DECT interface

- Frequency: 1.88 to 1.90 GHz (EMEA), DECT shifted
- DECT EN 300 175-x
- DECT radio coverage up to 50 m indoors and 300 m outdoors
- DECT latest security standard

## Connectivity

Flexible and scalable connectivity options with the N510 IP PRO.



## IP protocols

- SIP (RFC3261, RFC2396, RFC2976)
- HTTP / digest authentication (RFC2617)
- Locating SIP server (RFC 3263)
- Call transfer (RFC3515, RFC3891, RFC3892)
- MWI (RFC3265, RFC3842)
- SDP (RFC4566, RFC3264, RFC3555)
- RTP (RFC3550, RFC3551, RFC3555, RFC2833)
- XML-based Gigaset online directory protocol, HTTP, STUN, POP3, DNS, TCP, UDP, IPv4, QoS,
- Codecs G.711, G.722, G.726, G.729ab
- VAD/CNG
- QoS, VLAN
- DHCP (Option 60, 114, 120)

## Approvals

- CE

# N510 IP PRO

## Handsets



### SL610H PRO

#### Sophisticated DECT handset for professional use.

- Brilliant, 1.8" TFT colour display with 8 lines
- Intuitive, icon-based user interface
- Headset connection via Bluetooth® or 2.5 mm jack
- Convenient data exchange via Bluetooth® or mini-USB
- Address book for up to 500 vCards
- Vibrating alert
- Time-specific, 'do not disturb' function for external, non-VIP calls
- Hands-free talking with brilliant sound quality
- 4 hands-free profiles for personal voice quality experience
- Organiser with calendar and reminder functions
- Ergonomic keypad with adjustable illumination and keypad protection

### S810H

#### Professional sound.

- Excellent hands-free functionality
- Up to 500 vCards entries and list of last 20 missed calls
- Large TFT colour display and modern user interface
- High-quality keypad with galvanized caps
- Standard headset jack (2.5 mm)
- Calendar and event schedule with alarm function

### SL400H

#### The essence of perfection.

- Luxurious materials: genuine metal frame and illuminated metal keypad
- Convenient Bluetooth® headset connection
- Address book for up to 500 vCards, synchronization via Bluetooth® or mini-USB
- Talk / standby time of up to 14h / 200h
- 4 hands-free settings with brilliant sound quality
- Vibracall



### E49H

#### The indoor outdoor phone.

- Resistant to shocks, water splashes and dust
- Hands-free talking with brilliant sound quality
- Vibracall, headset connection and illuminated colour display
- Standby time of up to 250 hours
- Talk time up to 12 hours
- Phonebook for up to 150 entries

#### Handset compatibility

- SL610H PRO, S810H, S79H, SL400H, SL78H, C610H, C59H, E49H
- Other handsets with at least minimum GAP standard

#### Gigaset pro system components

- Recommended Gigaset DECT handsets: SL610H PRO, S810H, SL400H, C610H, E49H,
- IP PBX systems: Gigaset T300 PRO, Gigaset T500 PRO

[www.gigaset.com/pro](http://www.gigaset.com/pro)

<sup>1</sup> Dependent on country/network/provider

<sup>2</sup> Dependent on registered handset

<sup>3</sup> When used with a Gigaset PBX system

<sup>4</sup> Compared to conventional Gigaset base stations

<sup>5</sup> Only with compatible handsets such as the Gigaset C59H, S79H, SL400H and SL78H

<sup>6</sup> Planned for a later software update release

<sup>7</sup> For all registered handsets – compared to when ECO Mode is not activated and to Gigaset's conventional base stations

<sup>8</sup> When handset is idle or charging and all registered handsets support ECO Mode Plus

## It's your best choice.

Gigaset's new professional line provides businesses with tailor-made, communication-enhancing phone systems. Discover more! Contact your Gigaset representative or visit [gigaset.com/pro](http://gigaset.com/pro).

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