

# 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 that supports a wide range of Gigaset DECT handsets for small to medium businesses. 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 work day. 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
- Extended functionality with Gigaset pro 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 optimised 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 can find a handset to satisfy their needs. Compatibility with a broad range of IP providers and PBX systems enables flexible combinations.

#### Expands with your needs.

The N510 IP PRO can register up to 6 mobile handsets. The talking range can also be expanded with up to 6 additional DECT repeaters.

# 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
- 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

### 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>

### Gigaset PBX T300/T500 PRO (from SW 5.1)<sup>3, 5</sup>

- Autoprovisioning
- Call to go
- PBX Central Phonebook

### PBX Manager menu on handset<sup>3, 5</sup>

- Hot Desking
- Call Lists
- Do Not Disturb
- Display Number
- Groups Management
- Redirection
- Visual Voicemail
- Central Phonebook

# N510 IP PRO

## 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

## PBX compatibility

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

## 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

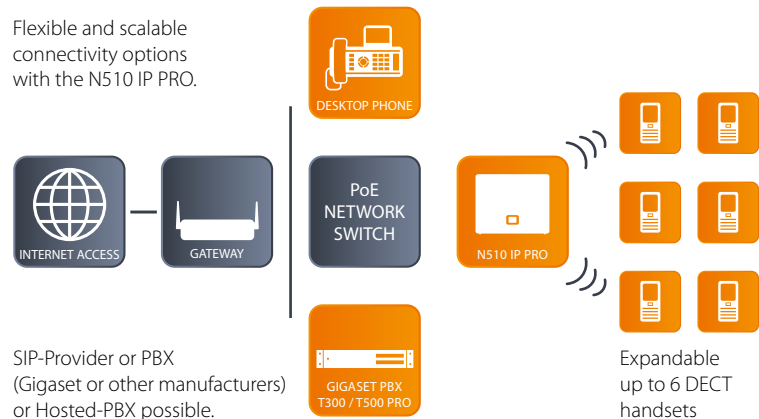
- Email notification and reader (POP3, POP3S)<sup>2</sup>
  - Up to 6 accounts (1 per user)
  - Up to 560 characters
- Info Center with online content: weather, news and more
- Increase range with up to 6 Gigaset DECT repeaters
- MWI signalling is configurable

## Provisioning and administration

- Easy setup via web server or handset
- Administrator-friendly configuration via plain XML config file
- Retrieval of provisioning URL via SIP Multicast
- Plug & Play auto-provisioning for operator / customer
- Firmware upgrade / downgrade
- Sysdump

## Connectivity

Flexible and scalable connectivity options with the N510 IP PRO.



## 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

## 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



### S510H PRO

#### 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



### 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



### R630H PRO –

#### Robust and Enduring

- IP 65 protection class: dust-, water- and shock resistant
- Next generation user interface on 1,8" TFT illuminated display
- Side keys for volume adjustment during a call
- Up to 14 hours of talk time. It supports your activities during the day, without re-charging
- Visual call signaling over pocket torch LED
- Easy as Gigaset. Unpack, connect and conduct a call
- Profiles for indoor, outdoor and personal use
- Excellent audio quality (HDSP™)

#### Handset compatibility

- SL610H PRO, S510H PRO, S810H, S79H, SL400H, SL78H, C610H, C59H, R630H PRO
- Other handsets with at least minimum GAP standard

#### Gigaset pro system components

- Recommended Gigaset DECT handsets: SL610H PRO, S510H PRO, R630H PRO
- IP PBX systems: Gigaset T300 PRO, Gigaset T500 PRO

[gigasetpro.com](http://gigasetpro.com)

<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 Gigaset pro handsets

<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 [gigasetpro.com](http://gigasetpro.com).