

# Gigaset

## The affordable IP phone for comfortable call management.

### DE410 IP PRO

The DE410 IP PRO is the IP phone for small and medium businesses demanding affordable phone systems to manage their professional calls and phonebooks. Flexible use, hassle-free setup and exceptional wide-band sound make the DE410 IP PRO perfectly suited for intuitive business communication.



PHONEBOOK  
WITH UP TO  
200 ENTRIES



7 MEMORY  
KEYS



HIGH  
DEFINITION  
SOUND



LIST OF  
UP TO 30  
MISSED CALLS



3-WAY CALLS



### Feature highlights:

- Adjustable 5-line display plus icon area, b/w inverted
- 5-way navigation key for easy operation
- Up to 6 SIP accounts
- Exceptional HD sound with HDSP™<sup>1</sup>
- Multiple ringtones, selectable per line
- Headset connection: corded
- Ethernet (10/100) with 2-port switch
- Integrated Power over Ethernet (PoE)
- Classic PBX calling features<sup>2</sup>
- Direct dialing of Microsoft Outlook™ contacts via PC<sup>3</sup>
- Local network directories and public online directory<sup>1</sup>
- SRTP/TLS encryption
- Professional zero-touch auto-provisioning setup<sup>2</sup>
- Certified hearing aid compatible<sup>4</sup>
- Wall-mountable (adaptor included)

#### Adjustable display always provides a comfortable view from different positions.

The intuitive user interface with an extra icon row on the illuminated black/white display grants easy access to the DE410 IP PRO's call management options.

#### Easy and convenient navigation.

Quick and ergonomic, the 5-way navigation key simplifies operation on the DE410 IP PRO, with real-time speed on phonebook-browsing and other professional features.

#### Easy expandability options.

Simple to connect, the optional Gigaset Extension Modules enlarge the DE410 IP PRO by up to additional 28 programmable keys with red LED.

#### Straightforward setup and auto-provisioning.

Step-by-step wizards handle the DE410 IP PRO's complete installation and configuration. Auto-provisioning from Gigaset PBX and partners offers hassle-free remote configuration and management. Downloadable VoIP provider profiles guarantee an easy start.

#### Professional HD sound.

Exceptional HDSP™<sup>1</sup> sound on the DE410 IP PRO adds business efficiency: superb and clear wideband audio technology makes calls sound like face-to-face meetings.

# DE410 IP PRO

The perfect IP phone for SMBs.

## Technical data:

### Audio

- Headset connection via standard RJ-9 jack
- Wideband HD sound according to TIA/EIA-920 HDSP™<sup>1</sup>, G.722
- Full-duplex speakerphone with brilliant sound quality: extra large sound reflex box in desktop base
- Adjustable volume: speakerphone, corded handset, headset and 6 level ringer
- Hearing aid compatible (HAC) according to FCC<sup>4</sup>
- Wav ringtones (CCITT u-Law 8k mono)

### Display and user interface

- Adjustable black/white WFTN with 64 x 128 pixel display; inverse 73mm (L) x 39mm (H)
- Three-step dimmable display backlighting
- Six-step adjustable contrast
- Multi-language support
- PBX Manager for centralized Call Lists, Visual Voicemail, Call divert settings and more

### Phonebook and dialling

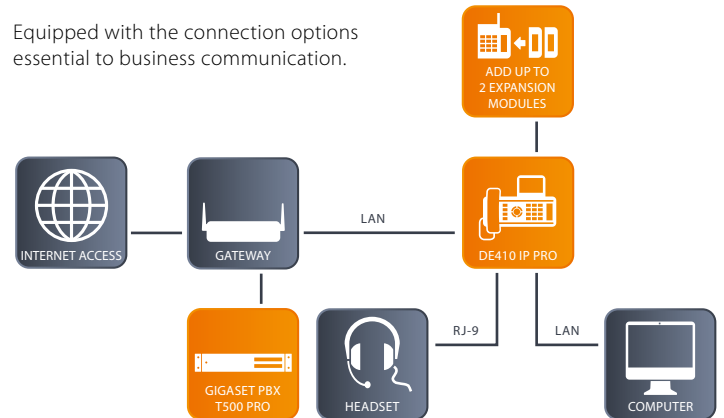
- Phonebook with 200 entries on internal memory
- Phonebook entries: first and last name, Office1, Office2, Home1, Home2, Mobile1, Mobile2
- Phonebook edit via web interface
- Quick search: characters or full text
- Phonebook synchronization and CTI with Gigaset QuickSync for Windows® and Mac®<sup>3</sup>
- Local net directory and public online directory<sup>1</sup> access
- Online public directory and Yellow Pages search, reverse search, auto-lookup<sup>1</sup>
- Network-based private phonebook
- LDAP support (network-based corporate phonebook)
- Pre-dialling with editing
- Direct dialling of Outlook contacts<sup>3</sup>
- List of up to 30 missed calls with caller ID<sup>1</sup> and call time
- 3-way conferencing
- 6 VoIP accounts
- Up to 6 web-based voicemail accounts
- Display of call duration, name and number
- Automatic redial, call log redial and redial when busy<sup>2</sup>
- Call waiting, forward and transfer

### Keypad

- 5-way navigation key for easy operation
- 7 programmable keys
- 2 display soft keys
- All function keys with LED status signal

## Connectivity

Equipped with the connection options essential to business communication.



### Quick access keys for:

- Speakerphone
  - Headset
  - Mute
  - MWI
  - DND
  - Redial
  - Phonebook
  - Volume control
  - Home button
  - Hold
  - Conference
  - Transfer
- Additional keypad extension available as Gigaset pro system component

### Special features

- Installation and configuration wizards
- VoIP setup wizard: downloadable VoIP profiles

### Hardware

- Dimension: 278mm (L) x 202mm (D) x 88mm (H)
- Weight (without power supply): approx. 900 g
- Energy-saving power supply: 100-240 V, 50/60 Hz
- Voltage: 12 V, DC
- Wearless optical hook switch
- Handset cord with comfort length
- Colour: quartz black
- Two-year warranty

### Software

- Future proof software and operating system
- Easy configuration via WEB-Userinterface
- Updatable firmware via web interface, TFTP, auto-provisioning<sup>2</sup>

# DE410 IP PRO

## Technical specifications

- VoIP protocol: SIP (RFC3261, RFC2543)
- Codecs G.722, G.711 u/a, G729AB, iLBC
- Security: SRTP (RFC3711), TLS (RFC2246), SIPS
- Remote configuration: TFTP, HTTP, HTTPS
- PoE: IEEE 802.3af, class 3
- 2-port LAN switch: 10 Mbit, 100 Mbit
- Internet protocol: IPv4 (RFC0791), IPv6 (RFC2460)
- 6 VoIP accounts
- Simultaneous connection of up to 2 IP lines
- Auto-provisioning (MAC-based)
- QoS: RSVP/DiffServ (RFC2474, RFC2475)
- RTCP (RFC3611)
- DHCP (RFC2131)
- STUN (RFC3489)
- ICE
- VAD (Voice Activity Detection)
- CNG (Comfort Noise Generation)
- DNS SRV (RFC2782)
- DTMF (in-band), RTP payload (RFC4733), SIP-INFO
- Syslog
- PCAP tracing
- VLAN tagging

## PBX features<sup>2</sup>

- BLF (Busy Lamp Fields)
- Network AM
- Conference calls
- Call transfer: blind, attended, early attended
- Call hold
- Call reject
- Call resume
- Call back
- CLIR
- Call waiting
- Manual call deflection
- Call forwarding: CFU, CFNR, CFB
- Anonymous call blocking
- No MWI if call is completed elsewhere
- MOH (music on hold)
- Call log
- DND
- CCBS
- Park & orbit
- Call swap
- SIP hints
- Send text
- Call back on busy
- Call pickup (selected, group)
- Zero-touch auto-provisioning
- Automatic firmware updates

## ZY700 PRO

Up to two extension modules can be added to the DE410 IP PRO for additional programmable keys. Each device has 14 programmable keys.



- Net directories
- LDAP
- Status indication of net service

## PBX Manager:

- Centralized Call Lists
- Visual Voicemail
- Call divert settings
- Call Divert activation via 1-touch
- Select outgoing CLIP via 1-touch
- Early Caller ID<sup>1</sup> update
- Diversion status monitor

## Gigaset pro system components

- IP PBX system: Gigaset T500 PRO, T300 PRO
- Gigaset Expansion Module ZY700 PRO, up to 2 per phone, 14 programmable keys each

## Accessories

- Corded headset
- Kensington Lock<sup>®</sup>

## Packaging

- Telephone, handset, handset cord, power supply, Ethernet cable, keypad inlay, keypad cover, wall mount
- Packaging Dimension: 334mm (L) x 247mm (D) x 141mm (H)
- Overall weight approx. 1900g

## Environmental conditions

- Operating temp +5 to +45°C
- Storage temp: -20 to +70°C
- Relative Humidity: 20% -75% non condensating

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

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

<sup>2</sup> When used with a Gigaset PBX and selected third party systems

<sup>3</sup> Compatible with Microsoft Outlook 2000 versions and newer (via Gigaset QuickSync Software)

<sup>4</sup> Meets FCC's official/legal testing requirements

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