

## Teléfonos IP de la Serie P

Para escritorio potentes y con muchas funcionalidades

Teléfonos para la suite de Soluciones de Comunicaciones de Sangoma



La línea de teléfonos de la serie P de Sangoma está diseñada para ofrecer las funciones que necesita, a precios perfectos para cada tipo de usuario, y todo tipo de negocio. Todos los modelos incluyen pantallas a color, voz de alta definición, están listos para auriculares, ofrecen una instalación plug-and-play, y tienen aplicaciones de productividad integradas que incluyen correo de voz, registro de llamadas, contactos, estado del teléfono, presencia del usuario, estacionamiento y muchas más.

Los teléfonos de la serie P de Sangoma son los únicos teléfonos compatibles con la suite de soluciones de comunicaciones como servicio de Sangoma, aumentando su valor.\*



P-Series	P310 y P315 Modelos básicos	P320, P325, P330 Modelos intermedios	P370 Modelo ejecutivo	PM200 Expansion Module
<b>Pantalla</b>	2.4" 320x240, colour	4.3" 480x272, colour, PS	7.0" 1280x800, colour, PS, Touch	4.3" 480x272, colour, PS
<b>Pantalla táctil</b>	No	No	Yes	No
<b>Teclas de líneas</b>	2	P320: 4 P325: 6 with Paging Key P330: 12 with Paging Key	16 (soft-keys)	2 rows of 10 keys w/ paging keys
<b>Puerto LAN Ethernet y PC</b>	P310: 100 Mbps P315: 1000 Mbps (Gigabit)	1000 Mbps (Gigabit)	1000 Mbps (Gigabit)	N/A
<b>Bluetooth incorporado</b>	No	P320 & P325: No P330: Yes	Yes	N/A
<b>Wi-Fi incorporado 2.4/5G/802.11n</b>	No	P320 & P325: No P330: Yes	Yes	N/A
<b>Puertos USB</b>	0	P320 & P325: 1 P330: 2	2	2
<b>Soporte del módulo de expansión</b>	No	P320 & P325: No P330: Yes	Yes	Yes

\* algunas aplicaciones requieren el soporte de la funcionalidad por parte del servidor que puede variar entre las diferentes plataformas

## Especificaciones del teléfono

### P370 Modelo ejecutivo

#### User Interface

- 7.0 inch, 800 x 1280 pixel backlit color PS LCD display
- Multi-point capacitive touch
- 16 line appearances (software)
- Feature and context-sensitive functions
- Dedicated touch control with backlight for Headset, Speaker, Mute, and without backlight for Volume functions
- 3-colour LED message waiting indicator (MW)

#### Connections

- 4F4C (RJ-9) handset/headset jack
- 2 switched 10/100/1000 Mbps Ethernet ports
- 2 USB-A 2.0 ports
- 12 volt 1.6A DC power port
- 2 Lock Ports
- Electronic Hookswitch signaling port

#### Dimensions/Weight

- 11.93" x 9.0" x 3.5", 2.7 lbs.

#### Software Minimum Version Requirements

- Switchvox >=79
- FreePBX & PBXact >= 5 with Endpoint Manager (latest)

### P330, P325, and P325 Modelos medios

#### User Interface

- 4.3 inch, 480 x 272 pixel backlit colour PS LCD display
- Line appearance keys:
  - P330 - 12 keys
  - P325 - 6 keys
  - P320 - 4 keys
- Rapid dial/page scroll key for virtual line keys:
  - P330/P325 - yes
  - P320 - no
- 6 feature keys
- 4 context-sensitive soft keys
- 6-key navigation controller
- Backlit headset, speaker, and mute keys
- 3-colour LED message waiting indicator
- Volume control

#### Connections

- 4F4C (RJ-9) handset/headset jack
- 2 switched 10/100/1000 Mbps Ethernet ports
- USB-A 2.0 ports:
  - P320/P325 - 1
  - P330 - 2
- 12 volt 1.6A DC power port
- 2 Lock Ports
- Electronic Hookswitch signaling port

#### Dimensions/Weight

- 12.3" x 9.0" x 3.5", 3.0 lbs.

#### Software Minimum Version Requirements

- Switchvox >=79
- FreePBX & PBXact >= 5 with Endpoint Manager (latest)

### P310/P315 Modelos intermedios

#### User Interface

- 2.4 inch 320x240 pixel backlight colour LCD display
- 2 line appearance keys
- 4 feature keys
- 4 context-sensitive soft keys
- 6-key navigation controller
- Headset, speaker, and mute keys
- 3-colour LED message waiting indicator
- Volume control

#### Connections

- 4F4C (RJ-9) handset/headset jack
- 2 switched 10/100 Mbps Ethernet ports (P310)
- 2 switched 10/100/1000 Mbps Ethernet ports (P315)
- 12 volt 1.6A DC power port
- 2 Lock ports
- Electronic Hookswitch signaling port

#### Dimensions/Weight

- 11.93" x 8.2" x 3.5", 2.4 lbs

#### Software Minimum Version Requirements

- Switchvox >= 77
- FreePBX & PBXact >= 4 with Endpoint Manager (latest)

## Especificaciones de la Serie P

### Phone Applications

- Visual Voicemail \*
- Contacts
- Presence/Status
- Call Log
- Parked Calls
- Call Queues \*\*
- Info
- Forward Calls
- Conference App \*\*
- Hot Desking \*\*\*

### Phone Features

- Auto-Answer
- Headset-answer
- Headset-ring
- Distinctive ring
- Custom ringtones
- Call waiting
- Call transfer (unattended & attended)
- Call forward
- Call hold
- Call parking
- Call pickup
- Intercom/Faging
- Message Waiting indication
- Busy Lamp Field (BLF)
- 3-way conferencing
- Do Not Disturb (DND)
- Redial
- Call timer
- Caller ID display

### Audio Features

- Handset, handsfree, and headset modes
- Full-duplex HD speakerphone with echo cancellation
- Hearing aid compatible
- Multicast audio playback
- Wideband: G.722
- Narrowband: G.711 ulaw/alaw, G.726, G.729a

### Network Support

- Static or DHCP IP address assignment
- NTP time synchronisation
- Priority queuing
- VLAN, LLDP, NAT traversal, QoS
- 802.1X pass-through
- 802.1X authentication

### Language Support

- Dutch, English, French, German, Italian, Portuguese, Russian, Spanish

### SIP / VoIP Support

- SIP v2
- TLS/SRTP
- DTMF, RFC4733
- SIP peer-to-peer
- SIP presence (SUBSCRIBE/NOTIFY)
- Per-account digit map/dial plan
- Dial using SIP URI
- Dial using SIP server
- Secure SIP authentication

### Provisioning

- Switchvox Cloud & Prem
- Sangoma Endpoint Manager for PBXact and FreePBX
- DPMA (Deskphone Module for Asterisk)
- DHCP Option 66
- XML Configuration

### Management

- Firmware update via browser
- Factory restore via UI
- Remote logging via syslog

### Regulatory Compliance

- CE Mark
- FCC Part 15, Class B

### Maximum Power Consumption

- P310: 2.5W
- P315: 2.5W
- P320/P325 4.5W, 9.5W with USB
- P330: 8.2W, 5W per USB, 18.2W total
- P370: 8.5W, 5W per USB, 18.5W total

### Operating Conditions

- Temperature: +32 to 122°F / 0 to 50°C
- Relative Humidity: 5% to 95% non-condensing

### Storage Temperature

- -4 to 60°F / -20 to 70°C

### Warranty

- One year

\* Visual Voicemail not supported on P310/P315 models

\*\* Call Queues and Conferencing not supported on all models

\*\*\* Some features are UC platform specific; not all platforms support all phone features