



Value-Based IP Phones

*The Power You Need,
The Price You Want*



Our value-based phones offer essential entry-level features without sacrificing on the function and performance typically available with more advanced phones.

Enjoy HD voice and unprecedented plug-and-play deployment for Sangoma's entire Unified Communications portfolio, including Switchvox, PBXact, FreePBX, and Asterisk.

- ✓ **High definition call quality**
- ✓ **Two VoIP lines**
- ✓ **2.4" backlit color display**
- ✓ **Built-in EHS support for wireless headset compatibility**
- ✓ **TLS, SRTP, and VLAN for secure communications**
- ✓ **Gigabit Ethernet option (Available with P315)**

Perfect for



Manufacturing

Reliable phones to keep job sites connected and communicating efficiently.



Education

An affordable option for teachers and staff looking to maintain communication with colleagues and parents.



Retail

Can be conveniently deployed with minimal training – perfect for big box stores and small businesses alike.

P310/P315 Phone Details



P310

P315

Main Display	2.4 inch 320 x 240 pixel backlit color LCD display	2.4 inch 320 x 240 pixel backlit color LCD display
Line Registrations	2-line	2-line
Feature Keys	4 feature keys and 4 context-sensitive soft keys	4 feature keys and 4 context-sensitive soft keys
Easy Navigation Keys	6-way key navigation	6-way key navigation
Ethernet LAN	2 switched 10/100 Mbps	2 switched 10/100/1000 Mbps
Power over Ethernet (POE)	Yes	Yes
Electronic Hookswitch (EHS)	Yes	Yes
Headset Support	RJ9 with EHS	RJ9 with EHS



**P310
&
P315**

Technical Specifications

Interfaces

User Interface

- 2.4 inch 320 x 240 pixel backlit color LCD display
- 2 line appearance keys
- 4 feature keys
- 4 context-sensitive soft keys
- 6-key easy navigation controller
- Headset, handsfree, and mute keys
- 2-color LED message waiting indicator
- Volume Control

Features

Phone Applications

- Contacts
- Call log
- Status
- Park calls
- Forward calls

Phone Features

- Auto-answer
- Headset-answer
- Headset-ring
- Distinctive ring
- Custom ringtones
- Call waiting
- Call transfer (blind & attended)
- Call forward
- Call hold
- Call parking
- Call pickup
- Intercom/Paging
- Message Waiting Indication
- Busy Lamp Field (BLF)
- 3-way conferencing
- Do Not Disturb (DND)
- Redial
- Call timer
- Caller ID display
- Hot Desking *Supported on Switchvox 7.8 and above*

Audio Features:

- Handset, handsfree, and headset modes
- Full-duplex HD speakerphone with echo cancellation
- Hearing aid compatible
- Background noise suppression
- 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 synchronization
- Priority quieting
- 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

Hardware

Connections

- 4P4C (RJ-9) handset and headset jacks
- P310: 2 switched 10/100 Mbps Ethernet ports
- P315: 2 switched 10/100/1000 Mbps Ethernet ports
- 12-volt DC power port (12-volt power unit optional)
- 5-pin Electronic Hookswitch (EHS) communication port

Provisioning

- Switchvox
- Sangoma Endpoint Manager for PBXact and FreePBX
- DPMA (Deskmob Module for Asterisk)
- DHCP Option 66
- XML Configuration

Management

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

Regulatory Compliance

- CE Mark, FCC Part 15, Class B

Maximum Power Consumption

- P310: 2.5W
- P315: 2.5W

Operating Conditions

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

Storage Temperature

- -4 to 160F / -20 to 70C

Shipping Box Dimensions / Weight

- P310: 11.93" x 8.2" x 3.5" 2.4 lbs
- P315: 11.93" x 8.2" x 3.5" 2.4 lbs

Warranty

- One Year

Software Minimum Version Requirements

- Switchvox 7.7.1, DPMA 3.6 and latest versions of FreePBX/PBXact and EndPoint Manager