



# Value-Based IP Phones

The Power You Need, The Price You Want

[Datasheet](#)

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, Business Voice, Business Voice Plus, PBXact, FreePBX, and Asterisk.

**Perfect for** Anyone that needs reliable, basic calling functionality or needs a lot of phones in one place; such as: manufacturing, education, retail, and even home offices.

- ✓ **Two VoIP lines 2.4" backlit color display**
- ✓ **Built-in EHS support for wireless headset compatibility**
- ✓ **TLS, SRTP, and VLAN for secure communications**
- ✓ **2 x lock ports (Kensington)**
- ✓ **Gigabit Ethernet option available with P315**



	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
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
Bluetooth and Built-in Wi-Fi (2.4/5G/802.11n)	No	No
Electronic Hookswitch (EHS)	Yes	Yes
Headset Support	RJ9 with EHS	RJ9 with EHS

# Technical Specifications

## 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 & 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 queueing
- 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 (Deskphone 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

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

