SANG✳MA

P-Series IP Phones
Powerful, feature-rich Desk Phones for Sangoma's suite of Communication Solutions

Sangoma's line of P-Series phones are designed to deliver the features you need, at price points perfect for every type of user, and every type of business. All models include color screens, high definition voice, are headset-ready, provide unprecedented plug-and-play deployment, and have built-in productivity applications including voicemail, call log, contacts, phone status, user presence, parking and more.

Sangoma's P-Series phones are the only phones that are compatible across Sangoma's communications as a service portfolio, further enhancing their value.*

Coming Soon! Coming Soon!

P-Series	P310 & P315 Value Models	P320, P325, P330 Mid-Range Models	P370 Executive Model	PM200 Expansion Module
Display	2.4" 320x240, Color	4.3" 480x272, Color, IPS	7.0" 1280x800, Color, IPS, Touch	4.3" 480x272, Color, IPS
Touchscreen	No	No	Yes	No
Line Keys	2	P320: 4 P325: 6 with Paging Key P330: 12 with Paging Key	16 (soft-keys)	2 rows of 10 keys w/ paging keys
Ethernet LAN and PC Port	P310: 100 Mbps P315: 1000 Mbps (Gigabit)	1000 Mbps (Gigabit)	1000 Mbps (Gigabit)	N/A
Built-In Bluetooth	No	P320 & P325: No P330: Yes	Yes	N/A
Built-in Wi-Fi 2.4/5G/802.11n	No	P320 & P325: No P330: Yes	Yes	N/A
USB Ports	0	P320 & P325: 1 P330: 2	2	2
Expansion Module Support	No	P320 & P325: No P330: Yes	Yes	Yes

* some applications require server-side support that may vary between platforms

Learn more at **www.sangoma.com/ip-phones/p-series**

Phone Specifications

P370 Executive-Level phone *Coming Soon!*

User Interface
- 7.0 inch, 800 x 1280 pixel backlit color IPS 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-color LED message waiting indicator (MWI)

Connections
- 4P4C (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" x 9.0" x 3.5", 2.7 lbs.

Software Minimum Version Requirements
- Switchvox >=7.9
- FreePBX & PBXact >=15 with Endpoint Manager (latest)

P330, P325, and P320 Mid-Range phones

User Interface
- 4.3 inch, 480 x 272 pixel backlit color IPS 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-color LED message waiting indicator
- Volume control

Connections
- 4P4C (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 >=7.9
- FreePBX & PBXact >=15 with Endpoint Manager (latest)

P310/P315 Value phones

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

Connections
- 4P4C (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 >= 7.7
- FreePBX & PBXact >= 14 with Endpoint Manager (latest)

Series Specifications

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/Paging
- 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 synchronization
- 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
- Business Voice & Business Voice + - *Coming Late 2022*
- 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 122F / 0 to 50C
- Relative Humidity: 5% to 95% non-condensing

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

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

SANGOMA

p-series-phones-datasheet.20220408.En.R2