Sangoma s-Series VoIP Phones

s300

s500

s400 / s405

s700

Choose the Sangoma Phone that Best Suits Your Needs

Designed to work with FreePBX and PBXact, Sangoma IP phones are so smart you can quickly and easily use them right out of the box.

Each phone in the series gets power from an Ethernet cable connection using industry standard Power over Ethernet. No power cable or outlets required. They have full duplex speakerphones, dual Ethernet Ports, 5-way conference calling, high definition voice quality, and they're Virtual Private Network (VPN) capable.

"Accessories like Headset Adapters for connecting the s400/s405, s500 & s700 to the most popular wireless headsets and Expansion Modules are also available."

Zero Touch Provisioning

VoIP telephones can be complex to install, and manually configuring many different parameters and hundreds of extensions can take hours. When you buy and install your Sangoma IP phones, the redirection server automatically points the phone to the Sangoma FreePBX / PBXact for configuration.

Other vendors have redirection servers, but they have to be programmed with details of the IP PBX. Only Sangoma can provide Zero Touch provisioning with FreePBX / PBXact.

EndPoint Manager Included

When using a Sangoma phone, EndPoint Manager software inside FreePBX / PBXact is automatically enabled. This lets your users control global settings, program their phone keys, map extensions, upload images, download new firmware, and much more.

Full Integration with Phone Apps

Users can now control complicated features directly from their phones. There's no need to remember feature codes. Applications include:

- » Call Parking
- » Follow Me
- » Do Not Disturb
- » Conference Rooms
- » Call Forwarding
- » Time Conditions
- » Presence
- » Queues
- » Queue Agents
- » Transfer to Voicemail
- » Visual Voicemail
- » Log In / Out
- » Call Flow
- » Contacts

IP-Phones	s300	s400 / s405	s500	s700
SIP Accounts	2 SIP Accounts	3 SIP Accounts	4 SIP Accounts	6 SIP Accounts
Soft Keys	4 Programmable Keys	25 Programmable Keys	28 Programmable Keys	45 Programmable Keys
Display	Backlit 132 x 48 Pixels	Backlit 192 x 64 Pixels	Color 3.5" 480 x 320 Pixels	Color 4.3" 480 x 272 Pixels
Ethernet	2x 10/100 Mbps	s400: 2x 10/100 Mbps s405: 2x Gigabit	2x Gigabit	2x Gigabit
Conference Calling	5-way Conference Calling	5-way Conference Calling	5-way Conference Calling	5-way Conference Calling
VPN Client	Yes	Yes	Yes	Yes
Expansion Module*	Not Compatible	Not Compatible	Yes (Supports up to 6)	Yes (Supports up to 6)

*Expansion Module sold separately

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FEATURE SPECIFICATIONS

Phone Features:

» Call hold, mute, DND
» One-touch speed dial, hotline
» Call forward, call waiting, call transfer
» Redial, call return, auto answer
» 5-way conferencing
» XML Browser (s400/ s405, s500 & s700)
» Direct IP call
» Custom ring tones / provisioning
» Set date time automatically or manually
» Dial plan per account
» RTCP-XR (RFC3611), VQ-RTCPXR (RFC6035)
» Action URL/URI

IP-PBX Features:

» Busy Lamp Field (BLF)
» Call park, call pickup
» Music on hold
» Voicemail
» Anonymous call, anonymous call rejection
» Message Waiting Indicator
» Intercom, paging

Voice Codecs Features:

» HD voice
  › HD handset
  › HD speaker
» Codecs
  › iLBC, G.722, G.711(A/µ), GSM_FR, G.723, G.729AB, G.726 -32
» Full-duplex hands-free speakerphone with AEC (Acoustic Echo Cancellation)
» Auto Gain Control (AGC)
» Voice Activity Detection (VAD)
» Comfort Noise Generation (CNG)
» Packet Loss Concealment (PLC)
» Adaptive Jitter Buffer (AJB)
» DTMF
  › In-band
  › RFC 2833
  › SIP INFO

Display and Indicator:

» LED for call and message waiting indication
» Illuminated LEDs for line status information
» Caller ID with name and number (Photo as well for s500 & s700)
» Wallpaper (s500 & s700)
» National language selection
» Display
  › s300: 132 x 48 pixels
  › s400/s405: 192 x 64 pixels
  › s500: 3.5" 480 x 320 pixels, 16 bit depth color
  › s700: 4.3" 480 x 272 pixels, 24 bit depth color

Feature Keys:

» Line Keys with LED
  › s300: 2
  › s400/s405: 6
  › s500: 8
  › s700: 10
» 6 navigation keys
» Volume control keys
» Feature Keys
  › s300: 6
  › s400/s405: 5
  › s500 & s700: 8
» 4 context-sensitive "soft" keys
» Illuminated speaker, headset and mute keys

Interface:

» 1x RJ9 (4P4C) handset port
» Supports up to 6 expansion modules (s500 & s700)
» 2x 10/100 Mbps Ethernet (s300 & s400)
» 2x Gigabit Ethernet (s405, s500 & s700)
» Power over Ethernet (IEEE 802.3af) (PoE), class 3
» Electronic Hook Switch (EHS) support for wireless headsets (Excluding s300)

Management:

» Configuration
  › Browser / LCD-Menu / auto-provision
» Auto-provision via HTTP / HTTPS, FTP / TFTP
» Auto-provision with PnP
» Local tracing log export, system log
» Phone lock for personal privacy protection

Network and Security:

» SIP v1 & v2
» SIP server / proxy redundancy
» NAT Traversal
  › STUN mode
» DHCP / static / PPPoE
» HTTP / HTTPS web server
» Time and date synchronization by SNTP
» DNS-NAPTR/DNS- SRV (RFC 3263)
» IEEE802.1X
» IPV4 / IPV6
» QoS
  › 802.1p/Q tagging (VLAN)
  › Layer 3 ToS DSCP
» TLS / SRTP
» Open VPN
» HTTPS certificate manager
» AES encryption
» Digest authentication using MD5/MD5-sess

Languages:

» English, French, German, Spanish, Portuguese, Russian, Italian, Polish, Turkish, Serbian, Chinese Simplified, Chinese Traditional, Slovenian, Farsi, Slovak and Czech

Physical Features:

» Shipping dimensions
  › s300: 205mm (W) x 194mm (D) x 105mm (H)
  › s400/s405: 229mm (W) x 211mm (D) x 102mm (H)
  › s500 & s700: 246mm (W) x 224mm (D) x 102mm (H)
» Shipping weight
  › s300: .91kgs (2lbs)
  › s400/s405, s500 & s700: 1.27kgs (2.8lbs)
» Wall mountable

Optional Accessories:

» External universal AC adapter (US, UK, EUR)
» EHS headset adapter (s400/s405, s500 & s700)
» EXP100 expansion module (s500 & s700)
» Wall mount bracket (s500 & s700)

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