Sangoma s406 IP Phone

Entry Level Device with Access to Powerful Phone Applications

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.

The Sangoma s406 is a full feature set phone with 3 SIP accounts at a competitive price point. These phones can quickly locate FreePBX / PBXact as soon as they are plugged into an Internet connection, and become automatically provisioned within seconds! – true Zero Touch Configuration. The s406 features industry standard Power-over-Ethernet (PoE), full duplex speakerphone, 5-way conference calling, high definition (HD) voice quality and built-in Virtual Private Network (VPN) capability.

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 may 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 PhoneApps

PhoneApps are a bundle of advanced applications (or features), which install directly onto your IP Phone, converting all your complicated features into easy-to-use visual applications, which you control, directly from the phone's display!

- Call Parking
- Follow Me
- Do Not Disturb
- Conference Rooms
- Call Forwarding
- Time Conditions
- Presence
- Queues
- Queue Agents
- Transfer to Voicemail
- Visual Voicemail
- Login / Logout
- Call Flow Control
- Contacts

See what makes PhoneApps so different from other IP phone vendors, visit: Sangoma.com/phoneapps

Quick Facts

- 3x SIP Accounts
- 2.7 Inch Graphical LCD with Backlight
- PhoneApps Support
- 25 Programmable Soft Keys
- 5-way Conferencing
- Full Duplex Speaker Phone
- EHS Support for Popular Wireless Headsets
- Dual Gigabit Ethernet Ports
- Optional 3-year Advanced Hardware Replacement Plan

General Features:

- 3x SIP accounts
- 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
- 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 / pickup
- Music on hold
- Voicemail
- Anonymous call / rejection
- Message waiting indicator
- Intercom, paging
- Follow me / DND
- Conference rooms
- Time conditions
- Queues
- Presence
- Queue agents
- Hot-desking
- Call flow
- Contacts

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, Opus
- DTMF
  - In-band, RFC 2833, SIP INFO
- Full-duplex hands-free speakerphone with AEC
- VAD, AGC, CNG, AEC, PLC, AJB

Display & Indicator:

- 2.7" 192 x 364 pixel graphical LCD with backlight
- Caller ID with name, number and photo
- LED for call and message waiting indication
- Dual-color illuminated LEDs for line status information

Feature Keys:

- 6 line keys with dual-color LED: 25 programmable features (5-pageview)
- 5 feature keys: menu, headset, speaker, mute, voicemail
- 6 navigation keys
- 4 context-sensitive "soft" keys
- Volume control keys
- Illuminated voicemail, speaker, headset and mute keys

Certifications:

- FCC Class B, CE

Interface:

- Ethernet: Dual-port Gigabit
- 1x RJ9 (4P4C) handset port
- 1x RJ9 (4P4C) headset port
- Power over Ethernet (IEEE 802.3af) (PoE), class 2
- Electronic Hook Switch (EHS) support for wireless headsets

Management:

- Configuration
  - Browser / LCD-menu / auto-provision
- Auto-provision via HTTP / HTTPS, FTP / TFTP
- Auto-provision with PnP
- Login / Logout (Hot-desking)
- Reset to factory, restart, reboot
- Local tracing log export, system log
- Phone lock for personal privacy protection

Network & Security:

- SIP v1 (RFC2543), v2 (RFC3261)
- 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
- TLS (Transport Layer Security)
- Open VPN
- QoS
  - 802.1p/Q tagging (VLAN)
  - Layer 3 ToS DSCP
- HTTPS certificate manager
- AES encryption for configuration file
- Digest authentication using MD5/MD5-sess

Languages:

- Built-in
  - English, French, German, Spanish, Portuguese, Russian, Italian, Polish, Turkish, Serbian, Chinese Simplified, Chinese Traditional, Slovenian, Farsi, Slovak and Czech
- Controlled by PBX
  - Chinese Simplified, Chinese Traditional, English, French, German, Italian, Polish, Portuguese, Russian, Spanish, Turkish

Physical Features:

- Shipping dimensions
  - 229mm (W) x 211mm (D) x 102mm (H)
- Shipping weight
  - 1.27kgs (2.8lbs)
- Wall mountable
- Stand with 3 adjustable angles
- Power consumption (PSU)
  - 2.0~4.6W
- Power consumption (PoE)
  - 2.5~5.5W
- Operating humidity
  - 10~95%
- Operating temperature
  - -10~50°C

Optional Accessories:

- External universal AC adapter (US, UK, EUR)
  - AC 100~240V input
  - DC 5V/1.2A output
- EHS headset adapter
- Wall mount bracket

About Sangoma

Sangoma Technologies is a trusted leader in value-based Unified Communications (UC) and UC as a Service (UCaaS) solutions for SMBs, enterprises, OEMs, carriers, and service providers. Sangoma's Voice over IP offerings include on-premises and cloud-based phone systems, SIP trunking services, and telephony hardware. Sangoma is the primary developer and sponsor of the Asterisk project, the world's most widely used open source communications software, and the FreePBX project, the world's most widely used open source PBX software.

Want to learn more?
Talk to an Expert!

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