SANGOMA

Sangoma s305 IP Phone

Full Featured & Cost Effective

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 s305 is a full feature set phone with 2 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 s305 features industry standard Power-over-Ethernet (PoE), so no power cable or outlets required. It has full duplex speakerphone, dual Ethernet ports, 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.

SANGOMA ZerOtouch PROVISIONING

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

- 2x SIP Accounts
- 5-way Conferencing
- 192 x 64 Pixel Graphical LCD with Backlight
- 15 Programmable Soft Keys
- Built-in VPN for Plug & Play Security for Remote Users
- Optional 3-year Advanced Hardware Replacement Plan
- PhoneApps Included

General Features:

- 2x 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
- DTMF
  - In-band, RFC 2833, SIP INFO
- Full-duplex hands-free speakerphone with AEC
- VAD, AGC, CNG, AEC, PLC, AJB

Display & Indicator:

- 192 x 64 pixel graphical LCD with backlight
- LED for call and message waiting indication
- Caller ID with name, number and photo
- Dual-color illuminated LEDs for line status information

Feature Keys:

- 4 line keys with dual-color LED: 15 programmable features (5-pageview)
- 6 feature keys: headset, speaker, hold, mute, transfer, conference
- 6 navigation keys
- 4 context-sensitive “soft” keys
- Volume control keys

Certifications:

- FCC Class B, CE

Interface:

- Dual-port 10/100 Mbps Ethernet
- 1x RJ9 (4P4C) handset port
- 1x RJ9 (4P4C) headset port
- Power over Ethernet (IEEE 802.3af) (PoE), class 3

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
  - 205mm (W) x 194mm (D) x 105mm (H)
- Shipping weight
  - .91kgs (2lbs)
- 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

About Sangoma

Sangoma Technologies is a trusted unified communications leader, providing globally scalable telephony solution, such as on-premise and cloud-based (or hosted) IP-PBX phone systems, SIP Trunking service, Cloud-based PBX service, voice-over-IP (VoIP) Gateways, session border controllers (SBC) and telephony cards. Sangoma’s business telephony products are integrated into much of the world’s OEMs, Enterprises, Carriers and service provider networks providing seamless connectivity between traditional infrastructure and new technologies.

Want to learn more?
Talk to an Expert!

Contact us at 888.969.4412 or sales@cloudworx.ca
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