Sangoma S505 IP Phone



Perfect for the Demanding User

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 S505 is a full feature set phone with 4 SIP accounts at a competitive price point. The S505 will automatically locate FreePBX / PBXact as soon as it's plugged into an Internet connection, and become automatically provisioned within seconds! – true Zero Touch Conguration.

The S505 features industry standard Power-over-Ethernet (PoE), so no power cable or outlets required. It has full duplex speakerphone, dual Gigabit 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

- 4x SIP Accounts
- 3.5 Inch Full Color Display
- PhoneApps Support
- 35 Programmable Soft Keys
- 5-way Conferencing
- Full Duplex Speaker Phone
- Headset & Expansion Module Compatible
- Dual Gigabit Ethernet Ports
- Optional 3-year Advanced Hardware Replacement Plan

General Features:

- 4x 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
- 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:

- 3.5" 480 x 320 pixel color display with backlight
- 16 bit depth color
- LED for call and message waiting indication
- Dual-color illuminated LEDs for line status information
- Wallpaper
- Caller ID with name, number and photo

Feature Keys:

- 8 line keys with dual-color LED: 35 programmable features (5-pageview)
- 8 feature keys: call list, headset, speaker, hold, mute, transfer, voicemail, conference
- 6 navigation keys
- 4 context-sensitive "soft" keys
- Volume control keys
- Illuminated voicemail, speaker, headset and mute keys

Interface:

- 1x RJ9 (4P4C) handset port
- 1x RJ9 (4P4C) headset port
- 1xRJ12 EXT port supports up to 6 Sangoma EXP100 Expansion Modules
- Dual-port Gigabit Ethernet
- Power over Ethernet (IEEE 802.3af) (PoE), class 3
- 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
- RTCP-XR (RFC3611), VQ-RTCPXR (RFC6035)

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

Certifications:

- FCC Class B, CE

Physical Features:

- Shipping dimensions
  - 246mm (W) x 224mm (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:

- H10/20 Headset
- EHS headset adapter
- EXP100 expansion module
- External universal AC adapter (US, UK, EUR)
  - AC 100~240V input
  - Required for Wi-Fi only setup
- 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. Businesses can achieve enhanced levels of collaboration, productivity, and ROI with Sangoma.

Become a Sangoma Partner

Provide your customers with outstanding VoIP and Unified Communications quality products that deliver industry-leading value. As an Empowered by Sangoma Partner, you'll get the help you need to grow your business and the incentives you want to make it easy to win sales. Discover more at: Sangoma.com/partner-program

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S505.En.20190919.R1