Sangoma s206 IP Phone

Entry-level IP Phone, Designed for Affordable Deployments

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 s206 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 s206 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.

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.

Hot-Desking

For users without a permanent work desk, log in to any phone with your extension and password, and all your settings follow you instantly. Perfect for call-center agents, and other roaming workers. It's as if you never left your desk at all!

Security with Built-in VPN

All Sangoma phones are pre-provisioned with a VPN client to automatically connect to the corporate PBXact Phone system. Perfect for remote workers to be able to access all their tools from the office without compromising security.

Quick Facts

- 2x SIP Accounts
- Dual 10/100 Mbps Ethernet Ports
- 128 x 40 Pixel Graphical LCD with Backlight
- 5-way Conferencing
- Full Duplex Speaker Phone
- Built-in VPN for Plug & Play Security for Remote Users
- Optional 3-year Advanced Hardware Replacement Plan

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
- Presence
- Hot-desking

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:

- 128 x 40 pixel graphical LCD with backlight
- LED for call and message waiting indication
- Caller ID with name and number
- Illuminated LEDs for line status information

Feature Keys:

- 6 feature keys: headset, speaker, hold, mute, transfer, conference
- 2 line keys with LED
- 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 2

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

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
  - 200mm (W) x 193mm (D) x 102mm (H)
- Shipping weight
  - 1kgs (2.2lbs)
- 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 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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