Sangoma s205 VoIP 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 s205 is a fully featured IP Phone with 1 SIP account at an affordable entry-level price point. The s205 IP phone can automatically locate FreePBX / PBXact to quickly and easily get full configuration right out of the box – true Zero Touch Configuration.

The s205 features industry standard Power-over-Ethernet (PoE), so no power cable or outlets required. It has full duplex speakerphone, dual Ethernet ports, five-way conference calling, high definition voice quality, and built in Virtual Private Network (VPN) capability.

"Finally a phone anyone in your office (or remote) can install, provision and start using just by plugging it into the network, and with Market Leading Security Features."

Quick Facts

» 1x SIP Acount
» Dual 10/100 Mbps Ethernet Ports
» Full Duplex Speaker Phone
» Built-in VPN
» 5-way Conferencing
» Optional Annual Support & Software Maintenance Plans

Buy a Bundle

Stop trying to piece together a new VoIP telephone system. With Sangoma's family of IP phones and industry expertise, everything your business needs for IP and Unified Communications can be ordered from a single vendor. Get the complete Sangoma solution all in one bundle:

» Private Branch Exchange (PBX)
» Gateways
» FreePBX Commercial Modules
» IP Phones

View a current list of available Sangoma products and services at sangoma.com.

ADVANCED CAPABILITIES

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.

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.

FEATURE SPECIFICATIONS

Phone Features:

- 1x SIP account
- Call hold, mute, DND
- One-touch speed dial, hotline
- Call forward, call waiting, call transfer
- Redial, call return, auto answer
- 5-way conferencing
- 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.723, G.711(A/µ), GSM_FR, G.729AB, G.726 -32
- Full-duplex hands-free speakerphone with AEC (Acoustic Echo Cancellation)
- Voice Activity Detection
- Auto Gain Control
- Comfort Noise Generation
- Acoustic Echo Cancellation
- Packet Loss Concealment
- Adaptive Jitter Buffer
- DTMF
  - In-band
  - RFC 2833
  - SIP INFO

Display and Indicator:

- 128 x 40 pixel graphical LCD
- LED for call and message waiting indication
- Illuminated LEDs for line status information
- Intuitive user interface with icons and soft keys
- National language selection
- Caller ID with name and number

Feature Keys:

- 6 feature keys
  - Headset
  - Speaker
  - Hold
  - Mute
  - Transfer
  - Conference
- 4 context-sensitive "soft" keys
- 6 navigation keys
- Volume control keys

Interface:

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

Management:

- Configuration
  - Browser / LCD-Menu / auto-provision
- Logging and log export
- Phone lock
- Auto-provision via HTTP / HTTPS, FTP / TFTP
- Auto-provision with PnP

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 (Transport Layer Security)
- SRTP
- Open VPN
- HTTPS certificate manager
- AES encryption for configuration file
- Digest authentication using MD5/MD5-sess

Languages:

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

Physical Features:

- Shipping dimensions
  - 200mm (W) x 193mm (D) x 102mm (H)
- Shipping weight
  - 1kg (2.2lbs)
- External power adapter *Sold separately (US, UK EUR versions)
  - AC 100~240V input
- Wall mountable
- Power consumption (PSU)
  - 1.6~2.6W
- Power consumption (PoE)
  - 2.0~3.2W
- Operating humidity
  - 10~95%
- Operating temperature
  - -10~50°C

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