

## Sangoma s405 IP Phone



Product Name: Sangoma s405 IP Phone

Manufacturer: -

Model Number: s405

Please Note: This product is no longer available. Please see the Sangoma S406 IP Phone as an alternative product.

### Sangoma s405 IP Phone

The Sangoma s405 is a fully-featured IP phone with three Session Initiation Protocol (SIP) accounts at a competitive price point. These phones can quickly locate FreePBX and/or PBXact to automatically and easily get full configuration right out of the box &ndash; offering you true Zero Touch Configuration.

### Sangoma s405 Key Features

- 3x SIP Accounts
- 5-way Conferencing
- Dual-port Gigabit Ethernet
- 2.7 Inch Graphical LCD with Backlight
- 25 Programmable Soft Keys
- EHS Support for Popular Wireless Headsets

The s405 features industry standard Power over Ethernet, so no power cable or outlets required. It has full duplex speakerphone, five-way conference calling, high definition voice quality, and built in Virtual Private Network (VPN) capability.

**Zero Touch Provisioning** When you buy and install your Sangoma s405, the redirection server automatically points the phone to the Sangoma FreePBX / PBXact for configuration. **EndPoint Manager Included** When using the 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.

### Sangoma s405 - Technical Specifications

#### Phone 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/UR

#### IP-PBX Features

- Busy Lamp Field (BLF)
- Call park, call pickup
- Music on hold
- Voicemail
- Anonymous call, anonymous call rejection
- Message Waiting Indicator

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• 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

• 2.7" 192 x 64 pixel greyscale graphical LCD with backlight

• LED for call and message waiting indication

• Dual-colour illuminated LEDs for line status information

• Intuitive user interface with icons and soft keys

• National language selection

• Caller ID with name, number, and photo

### Feature Keys

• 6 line keys with LED: 25 various features (5 page view)

• 5 feature keys:

• Headset

• Speaker

• Hold

• Mute

• Transfer

• Conference

• 4 context-sensitive "soft" keys

• 6 navigation keys

• Volume control keys

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• Illuminated voicemail, speaker, headset and mute keys

### Interface

• Ethernet: Dual-port Gigabit  
• Electronic Hook Switch (EHS) support for wireless headsets  
• 1x RJ9 (4P4C) handset port  
• Power over Ethernet (IEEE 802.3af) (PoE), class 3

### Management

• Configuration:

• Browser / LCD-Menu / auto-provision

• Reset to factory, restart, reboot  
• Local tracing log export, system log  
• Phone lock  
• Auto-provision via HTTP / HTTPS, FTP / TFTP  
• Auto-provision with PnP

### Network and Security

• SIP v1, v2 (RFC3261)  
• SIP server / proxy redundancy  
• NAT Traversal:

• STUN mode

• DHCP / static / PPPoE  
• HTTP / HTTPS web server  
• Time and date synchronisation by SNTP  
• DNS-NAPTR/DNS-SRV (RFC 3263)  
• IEEE802.1X  
• 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

### Language

• English  
• French  
• German  
• Spanish

## Sangoma s405 IP Phone

- ½ Portuguese
- ½ Russian
- ½ Italian
- ½ Polish
- ½ Turkish
- ½ Serbian
- ½ Chinese Simplified
- ½ Chinese Traditional
- ½ Slovenian
- ½ Farsi
- ½ Slovak
- ½ Czech

### Physical Features

- ½ Shipping dimensions: 229mm (W) x 211mm (D) x 102mm (H)
- ½ Shipping weight: 1.27kgs (2.8lbs)
- ½ s405 includes a stand with 3 adjustable angles
- ½ Power consumption (PSU): 2.0~4.6W
- ½ Power consumption (PoE): 2.5~4.6W
- ½ Operating humidity: 10~95%
- ½ Operating temperature: -10~50&deg;C

### Please Enquire

Options available for Sangoma s405 IP Phone :

#### **Sangoma Headset Adapter Required?**

Not Required, [Sangoma EHS30 Required \(+£41.00\)](#).

#### **Sangoma Phone UK Power Supply Required?**

Required (+£6.30), [Not Required](#).

#### **Wall Mount Bracket Required?**

Not Required, [Required \(+£9.80\)](#).