

## 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 – 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

## Sangoma s405 IP Phone

• 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

## Sangoma s405 IP Phone

• 1/2 Illuminated voicemail, speaker, headset and mute keys

### Interface

• 1/2 Ethernet: Dual-port Gigabit  
• 1/2 Electronic Hook Switch (EHS) support for wireless headsets  
• 1/2 1x RJ9 (4P4C) handset port  
• 1/2 Power over Ethernet (IEEE 802.3af) (PoE), class 3

### Management

• 1/2 Configuration:

• 1/2 Browser / LCD-Menu / auto-provision

• 1/2 Reset to factory, restart, reboot  
• 1/2 Local tracing log export, system log  
• 1/2 Phone lock  
• 1/2 Auto-provision via HTTP / HTTPS, FTP / TFTP  
• 1/2 Auto-provision with PnP

### Network and Security

• 1/2 SIP v1, v2 (RFC3261)  
• 1/2 SIP server / proxy redundancy  
• 1/2 NAT Traversal:

• 1/2 STUN mode

• 1/2 DHCP / static / PPPoE  
• 1/2 HTTP / HTTPS web server  
• 1/2 Time and date synchronisation by SNTP  
• 1/2 DNS-NAPTR/DNS-SRV (RFC 3263)  
• 1/2 IEEE802.1X  
• 1/2 QoS:

• 1/2 802.1p/Q tagging (VLAN)  
• 1/2 Layer 3 ToS DSCP

• 1/2 TLS (Transport Layer Security)  
• 1/2 SRTP  
• 1/2 Open VPN  
• 1/2 HTTPS certificate manager  
• 1/2 AES encryption for configuration file  
• 1/2 Digest authentication using MD5/MD5-session

### Language

• 1/2 English  
• 1/2 French  
• 1/2 German  
• 1/2 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°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 \(+£9.80\).](#)