



## A-Series IP Phones

From the Creator,  
Sponsor &  
Maintainer of the  
Asterisk Project

### Datasheet

The best value for your Asterisk-based phone system, each model of the Sangoma A-Series IP phones for Asterisk includes a full-color display, HDVoice, and multi-line functionality. An extensive web interface makes phone management easy and enables a straightforward deployment and configuration process. A-Series phones are ideal for use with any Asterisk-based solution or Asterisk-based distribution including FreePBX, PBXact, and more.



### A-Series

|                        | A20<br>Entry-Level | A22<br>Entry-Level | A25<br>Mid-Level                    | A30<br>Executive-Level |
|------------------------|--------------------|--------------------|-------------------------------------|------------------------|
| Display                | 2.8" Color         | 2.8" Color         | Main: 2.8" Color<br>BLF: 2.4" Color | 4.3" Color             |
| Line Registrations     | 2                  | 2                  | 4                                   | 6                      |
| Rapid Dial/BLF         | 1 Key<br>1 Contact | 1 Key<br>1 Contact | 6 Keys<br>30 Contacts               | 10 Keys<br>45 Contacts |
| Ethernet LAN & PC Port | 10/100 BASE-T      | 10/100/1000 BASE-T | 10/100/1000 BASE-T                  | 10/100/1000 BASE-T     |
| Feature Keys           | 1                  | 1                  | 5                                   | 7                      |

\*Some apps require server-side support that may vary between platforms.

# Phone Specifications

## A30 Executive-Level Gigabit Phone

### User Interface

- 4.3-inch backlit color LCD display
- 6 line appearances
- 10 Rapid Dial keys, up to 45 BLF entries
- 7 feature keys
- 4 context-sensitive soft keys
- 5-way navigation controller
- LED message waiting indicator
- Volume control

### Connections

- 4P4C (RJ-9) handset jack
- P4C (RJ-9) headset jack
- 2 switched 10/100/1000 Mbps Ethernet ports
- 12 volt DC power port

### Box Dimensions

- 11.4" x 10.63" x 2.56" (29 x 27 x 6.5 cm)

### Box Weight

- 2 lbs, 8.8 ounces (1.156 kg)

## A25 Mid-Level Gigabit Phone

### User Interface

- 2.8-inch backlit color main LCD display
- 2.4-inch backlit color BLF screen LCD display
- 4 line appearances
- 6 Rapid Dial keys, up to 30 BLF entries
- 5 feature keys
- 4 context-sensitive soft keys
- 5-way navigation controller
- Headset, speaker, and mute keys
- LED message waiting indicator
- Volume control

### Connections

- 4P4C (RJ-9) handset jack
- P4C (RJ-9) headset jack
- 2 switched 10/100/1000 Mbps Ethernet ports
- 5 volt DC power port

### Box Dimensions

- 10.63" x 10.63" x 2.56" (27 x 27 x 6.5 cm)

### Box Weight

- 2 lbs, 4.7 ounces (1.040 kg)

## A22/A20 Entry-Level Phones

### User Interface

- 2.8-inch backlit color main LCD display
- 2 line appearances
- 1 feature key
- 4 context-sensitive soft keys
- 5-way navigation controller
- Headset, speaker, and mute keys
- LED message waiting indicator
- Volume control

### Connections

- 4P4C (RJ-9) handset jack
- P4C (RJ-9) headset jack
- 2 switched 10/100/1000 Mbps Ethernet ports (A22)
- 2 switched 10/100 Mbps Ethernet ports (A20)
- 5 volt DC power port

### Box Dimensions

- 10" x 8.86" x 0.6" (25.5 x 8 x 7 cm)

### Box Weight

- 1 lb, 15.6 ounces (0.896 kg)

# Series Specifications

## Phone Features

- Auto-answer
- Headset-answer
- Headset-ring
- Distinctive ring
- Call waiting
- Call transfer (unattended/attended)
- Call forward
- Call hold
- Intercom/Paging
- Message Waiting Indication (MWI)
- Busy Lamp Field (BLF)
- 3-way conferencing
- Do Not Disturb (DND)
- Redial
- Call timer
- Caller ID display

## Audio Features

- Handset, speaker, and headset modes
- Full-duplex HD speakerphone with echo cancellation
- Hearing aid compatible

- Wideband: G.722 on all models. The A30 also supports Opus.
- Narrowband: G.711 ulaw/alaw, G.726 and G.729a on all models. The A30 also supports iLBC.
- Background noise suppression
- Multicase audio playback

## Network Support

- Static or DHCP IP address assignment
- NTP time synchronization
- Priority queuing
- Manual and LLDP-assigned VLAN
- NAT traversal
- QoS
- 802.1X authentication

## Language Support

- Dutch (A20/22/25 only), English, French, German, Italian, Spanish, Portuguese (A20/22/25 only), Russian

## SIP/VoIP Support

- SIP v2
- SDES Secure RTP
- DTMF, RFC2833

- SIP peer-to-peer
- SIP presence (SUBSCRIBE/NOTIFY)
- Per-account digit map/dial plan
- Dial using SIP server
- Secure SIP authentication

## Provisioning

- DHCP Option 66
- XML Configuration
- Phone GUI
- Phone UI

## Management

- Digest authentication login to phone web UI
- Firmware update via browser
- Factory restore via UI
- Remote logging via syslog

## Regulatory Comp.

- CE Mark

## Max Power

- 6W

## Operating Conditions

### Temperature

- +32 to 122F/0to50C

### Relative Humidity

- 5% to 95% non-condensing

## Storage Temp

- 4 to 160F / -20 to 70C

## Warranty

- One Year