

# Sangoma D-Series IP Phones



## Powerful, Feature-rich Phones for Switchvox® and Asterisk®

Sangoma D-Series phones are designed exclusively for use with Switchvox and Asterisk. All models include HDVoice and unprecedented plug-and-play deployment at a price that fits any budget. Enhance user productivity with built-in advanced applications including voicemail, call log, contacts, phone status, user presence, parking and more. Sangoma's D-Series phones are the only phones that allow you to take full advantage of the flexibility and customization of Switchvox and Asterisk.



	<b>D60</b> Entry-level	<b>D62</b> Entry-level	<b>D65</b> Mid-level	<b>D80</b> Executive-level
<b>Line Registrations</b>	2	2	6	6
<b>Feature Keys</b>	4	4	4	Touchscreen
<b>Rapid Dial / Busy Lamp Field Keys</b>	Up to 1 Key 1 Contact	Up to 1 Key 1 Contact	Up to 5 Keys 100 Contacts	Up to 20 On-screen, Scrolling to 100 Contacts
<b>Ethernet LAN and PC Port</b>	10/100Base-T	10/100/1000Base-T (Gigabit)	10/100/1000Base-T (Gigabit)	10/100/1000Base-T (Gigabit)
<b>Built-in Bluetooth</b>	No	No	Yes	Yes
<b>Main Display</b>	4.3 Inch, Color	4.3 Inch, Color	4.3 Inch, Color	High-definition 7.0 Inch, Color, Capacitive Touch
<b>Power over Ethernet (PoE)</b>	Yes	Yes	Yes	Yes
<b>Advanced Phone Applications</b>	Yes	Yes	Yes	Yes
<b>Expansion Module</b>	No	No	Available	No

Learn more at [www.sangoma.com/ip-phones/d-series/](http://www.sangoma.com/ip-phones/d-series/)

## D80

### User Interface:

- » 7.0 inch, 800 x 1280 pixel backlit color LCD display
- » Multi-point capacitive touch
- » 6 line appearances
- » Feature and context-sensitive functions
- » Headset, speaker, and mute functions
- » 2-color LED message waiting indicator
- » Volume control

### Connections:

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

## D65

### User Interface:

- » 4.3 inch, 480 x 272 pixel backlit color LCD display
- » 6 line appearance keys
- » Rapid dial page scroll key
- » 4 feature keys
- » 4 context-sensitive soft keys
- » 6-key navigation controller
- » Headset, speaker and mute keys
- » 2-color LED message waiting indicator
- » Volume control

### Connections:

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

## D60/D62

### User Interface:

- » 4.3 inch, 480 x 272 pixel backlit color LCD display
- » 2 line appearance keys
- » 4 feature keys
- » 4 context-sensitive soft keys
- » 6-key navigation controller
- » Headset, speaker, and mute keys
- » 2-color LED message waiting indicator
- » Volume control

### Connections:

- » 4P4C (RJ-9) handset/headset jack
- » 2 switched 10/100 Mbps Ethernet ports (D60)
- » 2 switched 10/100/1000 Mbps Ethernet ports (D62)
- » 5 volt DC power port

### Phone Applications:

- » Visual voicemail
- » Contacts
- » Presence/Status
- » Call log
- » Parked calls
- » \*Call queues
- » Info
- » \*Forward calls
- » \*\*Conference App

### Phone Features:

- » Auto-answer
- » Headset-answer
- » Headset-ring
- » Distinctive ring
- » Custom ringtones
- » Call waiting
- » Call transfer (blind & attended)
- » \*Call forward
- » Call hold
- » Call parking
- » Call pickup
- » Caller photo display
- » 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
- » Ultra-wideband:
  - > \*G.722.1C
- » Wideband:
  - > \*G.722.1
  - > G.722
  - > \*Opus
- » Narrowband:
  - > G.711 ulaw/alaw
  - > \*G.726
  - > \*G.729A
  - > \*iLBC
  - > \*Opus
- » Background noise suppression
- » Multicast audio playback

### Network Support:

- » Static or DHCP IP address assignment
- » NTP time synchronization
- » Priority queueing
- » VLAN, LLDP, NAT traversal, QoS
- » 802.1X pass-through
- » 802.1X authentication
- » \*802.1X auto-logoff

### Language Support:

- » Dutch, English, French, German, Italian, Portuguese, Russian, Spanish

### SIP/VoIP Support:

- » SIP v2
- » TLS/SRTP
- » DTMF, RFC2833
- » SIP peer-to-peer
- » SIP presence (subscribe/notify)
- » Per-account digit map/dial plan
- » \*Dial using SIP URI
- » Dial using SIP server
- » Secure SIP authentication

### Provisioning:

- » Switchvox
- » DPMA (D-Series Phone Module for Asterisk)
- » DHCP option 66
- » XML configuration
- » Phone GUI

### Management:

- » \*Digest authentication login to phone web UI
- » Firmware update via browser
- » Factory restore via GUI
- » \*Remote logging via Syslog

### Regulatory Compliance:

- » CE Mark, UL 60950
- » D80:
  - > FCC Part 15 Class A
- » D65, D62, D60:
  - > FCC Part 15 Class B

### Maximum Power Consumption:

- » D80: > 10W
- » D65, D62, D60: > 6W

### Operating Conditions:

- » Temperature:
  - > +32° to 122° F / 0 to 50° C
- » RelativeHumidity:
  - > 5% to 95% noncondensing

### Storage Temperature:

- » -4 to 160F / -20 to 70C

### Dimensions/Weight:

- » D80:
  - > 20.8 x 22.5 x 3.8 cm
  - > 2 lbs 2.7 oz / 0.98 kg
- » D65, D62, D60:
  - > 19.36 x 23.3 x 3.91 cm
  - > 2 lbs 2.24 oz / 0.97 kg

### Warranty:

- » One year

### Software Minimum Version Requirements:

- » D80:
  - > Switchvox 6.3.5 and DPMA 3.4
- » D65, D62, D60:
  - > Switchvox 6.2 and DPMA 3.1

\*D65, D62 and D60 only, \*\*D80 only