

# Digium® A-Series IP Phones

From the creator, sponsor, and maintainer of the Asterisk® project



**A30**  
Executive-level phone with 6 line registrations, a full-color LCD display, a scroll key for accessing up to 45 contacts, and gigabit LAN ports.

**The best value for your Asterisk-based phone system,** each model of the Digium 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 AsteriskNOW®, FreePBX®, Wazo®, Issabel®, and more.

**HDVoice**



**A25**  
Mid-level phone with 4 line registrations, two full-color LCD displays, a scroll key for accessing up to 30 contacts, and gigabit LAN ports.



**A22**  
Entry-level phone with 2 line registrations, a full-color LCD display, and gigabit LAN ports.

**A20**  
Entry-level value phone with 2 line registrations and a full-color LCD display.

	A20 Entry-level	A22 Entry-level, gigabit	A25 Mid-level, gigabit	A30 Executive-level, gigabit
Line Registrations	2	2	4	6
Feature Keys	1	1	5	7
Rapid Dial/ Busy Lamp Field Keys	Up to 1 key 1 contact	Up to 1 key 1 contact	6 keys 30 contacts	10 keys 45 contacts
Ethernet LAN and PC Port	10/100BASE-T	10/100/1000BASE-T	10/100/1000BASE-T	10/100/1000BASE-T
Display	2.8-inch, color	2.8-inch, color	Main: 2.8-inch, color BLF: 2.4-inch, color	4.3-inch, color
Power over Ethernet (PoE)	■	■	■	■
Electronic Hookswitch Support	■	■	■	■

Learn more at [www.digium.com/phones](http://www.digium.com/phones)

**Digium A-Series IP phones are not supported for use with Switchvox.**  
For phones supported with Switchvox, please see Digium D-Series IP phones.

# Digium IP Phones for Asterisk®

## General 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  
Headset, speaker, and mute keys  
LED message waiting indicator  
Volume control

##### Connections

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

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

### A22

#### Entry-level gigabit phone

### A20

#### Entry-level phone

##### User Interface

2.8-inch backlit color 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  
4P4C (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

##### Phone Features

Auto-answer  
Headset-answer  
Headset-ring  
Distinctive ring  
Call waiting  
Call transfer (blind & 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, Opus\*  
Narrowband: G.711 ulaw/alaw, G.726, G.729a, iLBC\*  
Background noise suppression  
Multicast audio playback

##### Network Support

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

##### Language Support

Dutch†	English	French
German	Italian	Portuguese†
Russian	Spanish	

##### 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 GUI  
Remote logging via Syslog

##### Regulatory Compliance

CE Mark

##### Maximum Power Consumption

6W

##### Operating Conditions

Temperature: +32 to 122 F / 0 to 50 C  
Relative Humidity: 5% to 95% non-condensing

##### Storage Temperature

-4 to 160F / -20 to 70C

##### Giftbox dimensions

A30: 11.4 x 10.63 x 2.56 inches /  
29 x 27 x 6.5cm  
A25: 10.63 x 10.63 x 2.56 inches /  
27 x 27 x 6.5cm  
A20/22: 10 x 8.86 x 0.6 inches /  
25.5 x 8 x 7cm

##### Giftbox Weight

A30: 2 lb, 8.8 ounces / 1.156 kg  
A25: 2 lb, 4.7 ounces / 1.040 kg  
A20/22: 1 lb, 15.6 ounces / 0.896 kg

##### Warranty

One year

\*A30 only, †A20/22/25 only

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