

# Aastra 9143i

## Exceptional Value in an Advanced, Fully Featured IP Telephone

The Aastra 9143i offers advanced features and security in a standards based, carrier-grade IP telephone. Equipped with a 3 line adjustable backlit display screen, full-duplex speakerphone, group paging, support for up to 9 calls simultaneously and XML browser capability, the 9143i will appeal to those requiring advanced SIP features in a traditional phone design. The 9143i is ideally suited as an everyday desk phone for moderate telephone users.



## Key Features and Benefits:

### \* XML Browser

The Aastra 9143i is equipped with XML browser capabilities and a 3 line display with context sensitive keys to easily access customized services and applications. This allows creation of internal service applications using development guides available from Aastra. This feature provides unlimited potential to customize the 9143i to meet your specific business needs or vertical applications using the display and keypad.

### \* Enhanced Call Management

With extensive storage capacity for personal directories, callers logs, redial lists and 7 programmable keys, the Aastra 9143i can improve efficiency by providing more call information with the push of a button. This includes features such as shared call and bridged line appearances, call forward, call transfer, call waiting, intercom, group paging and 3-way conference providing enhanced call flexibility and control.

### \* Remarkable Audio

All Aastra IP telephones offer a full-duplex speakerphone with excellent voice clarity and delivery. With years of experience in telecommunications and telephone design, Aastra can ensure superior voice quality on every product we sell.

### \* Simplified Deployment

From initial deployment and configuration, to future enhancements and upgrades, the Aastra family of IP telephones are designed to save your business time and money. Dual auto-sensing switched Ethernet ports eliminate additional wiring and simplify installations. Integrated IEEE 802.3af Power-over-Ethernet allows easy deployment with centralized powering and backup.

- Multi-proxy support
- Distinctive ringing, priority alerting
- XML support for productivity-enhancing applications
- Personal directory
- Call forward
- Call transfer
- Call waiting
- Call timer
- Caller and calling line information
- Callers log
- Local 3-way Conference
- Intercom with auto-answer
- Paging and auto-answer capabilities
- Redial list
- Do Not Disturb
- Programmable number pad speed dial
- Live dial pad support
- Missed Call Notification
- One-touch call transfer, conference or call park
- Busy Lamp Field (BLF)
- Shared call and bridged line appearances

## Feature Keys

- Up to 9 lines with call appearances
- 3 line/call appearance buttons with LEDs
- 4 navigational keys
- 7 programmable buttons with LEDs
- 2 volume control keys
- 10 dedicated hard keys including Conference, Callers, Call Transfer, Redial, Options, Directory, Save, Delete, Speaker/Headset, Mute

## Audio and Codecs

- Hearing aid compatible (HAC) handset
- Full-duplex quality speakerphone
- G.711  $\mu$ -law / A-law
- G.729
- G.722 wideband
- Independent volume setting for handset/speaker/headset
- Echo cancellation
- Comfort noise
- Packet loss concealment
- Modular Headset Connector with built-in amplifier
- Voice Quality Metrics, including MOS

## Display and Indicator

- 3 line adjustable backlit LCD display
- LED for call and message waiting indication

## Security\*

- User and administrator level passwords for login
- Encryption of configuration files
- HTTPS configuration download and web management
- Phone lock with PIN
- Digest Authentication
- Transport layer Security (TLS)
- Secure Real-Time Protocol (SRTP)

## XML API Capabilities

- Display control based on user actions or on events
- Dynamic Phone Configuration
- RTP Streaming control
- CTI applications
- See XML API Documentation for more details

## Interoperability

- Visit [www.aastratelecom.com/iphones](http://www.aastratelecom.com/iphones) for an up to date listing of approved vendor/interoperability

## Localization

- Multi-lingual support – English, French, Spanish, Italian, German
  - > Downloadable language pack support for customization and additional language translations
- Country-specific call progress tones and cadences

## Protocol

- IETF SIP (RFC3261) and associated RFCs

## Networking and Provisioning

- Dual 10/100 Mbps switched Ethernet ports
- Manual or Dynamic Host Configuration Protocol (DHCP) IP address setup
- Support of multiple DHCP options: 66, 60, 43, 77, 159, 160
- Time and date synchronization using SNTP
- Quality of Service (QoS) support – IEEE 802.1 p/Q VLAN and priority tagging, Type of Services (TOS), and Differentiated Services Code Point
- Network Address Translation (NAT), STUN, TURN support
- Integrated HTTP/HTTPS server for web administration and maintenance including a built-in troubleshooting section
- Mass deployment via central provisioning of user configuration files – TFTP, FTP, HTTP, HTTPS
- Redundant server support
  - > DNS-SRV
  - > Local backup registrar and/or proxy server
- RTCP support (RFC1889)
- RTP streaming for Paging and Intercom applications
- IEEE 802.1x
- LLDP-MED

## Power

- AC adapter (48V DC) included
- Integrated IEEE 802.3af Power Over Ethernet (PoE) support

## Package Contents

- Aastra 9143i phone
- Handset coil cord
- AC adapter
- Desk stand
- Ethernet cable
- Installation Guide
- Key Card and Plastic Lens

## Physical

- 20.2 cm W x 19.5 cm D x 8.0 cm H (8.0"W x 7.7"D x 3.2"H)
- 842 g (29.7 oz)
- Wall mountable

## Operating Conditions

- Operating Conditions:
  - > Temperature: 0°C to 50°C (32°F to 122°F)
  - > Relative Humidity: 20% to 90%, non-condensing
- Storage Temperature: -50°C to 70°C (-58°F to 158°F)

## Regulatory

### CE

- ROHS compliant
- WEEE (2002/96/EC)
- CE Mark (89/336/EEC EMC Directive and 73/23/EEC Low Voltage Directive)

### EMC

- FCC Part 15 Class B
- ICES-003 Class B
- AS/NZS 3548 Class B
- EN55022 Class B
- CISPR22 Class B
- EN55024
- EN61000 4-2, 4-3, 4-4, 4-5, 4-6, 4-8, 4-11

### Safety

- CAN/CSA C22.2 No. 60950
- EN 60950
- UL 60950-1

### Telecom

- FCC Part 68 (Hearing Aid Compatibility)
- AS/NZS S004

## Part Numbers

- A1733-0131-10-05 – NA power adapter included

\* Feature availability dependant on the IP Telephony System

## Aastra Technologies

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