Aastra 51i

Exceptional Features and Value in a Basic Level IP Telephone

The Aastra 51i offers features and flexibility in an open-standards based, carrier grade basic level IP telephone. With a sleek and elegant design and LCD display the 51i is fully interoperable with leading IP Telephony platforms, offering advanced XML capability to access custom applications and support for high-quality SIP communications.

Part of the 5i Series of IP telephones, the 51i is ideally suited for light use small and medium business applications such as lobbies, common areas or individual user environments where single line high-quality SIP communication is required.

Key Features and Benefits:

» **XML Browser**

The Aastra 51i is equipped with XML browser capabilities allowing access to customized services and applications. Create internal service applications using development guides available from Aastra. This feature provides unlimited potential to customize the 51i to meet your specific business needs or vertical applications using the display keypad.

» **Enhanced Call Management**

With extensive storage capacity for personal directory, callers log, and redial list, the Aastra 51i can improve efficiency by providing more call information with the push of a button. Features such as shared call and bridged line appearances, call forward, call transfer and call waiting increase call flexibility and control.

» **Remarkable Audio**

All Aastra IP telephones offer 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. Easily created configuration files, using any text editor, can be used to configure phones individually or centrally

Feature Highlights*

- » 1 call appearance
- » Shared call and bridged line appearances
- » Distinctive ringing, priority alerting
- » XML browser
- » Personal directory
- » Call forward, Call transfer, Call waiting
- » Caller and calling line information
- » Callers log
- » Intercom reception with auto-answer
- » Redial list
- » Do Not Disturb
- » Live dial pad support
- » Supports Busy Lamp Field (BLF) monitoring by other end points*
- » Digium's Asterisk – Bridged Line Appearances (BLA), Intercom
- » Broadsoft's BroadWorks Enhanced SIP – supports Shared Call Appearances, CommPilot Call Manager, Call Park/Pickup, Priority Alerting
- » Nortel's MCS 5100/5200 SIP support – Voicemail, and NAT Traversal support
- » Sylantro's SIP–B support - Last Call return, Warn line and Hot Line, Distinctive ringing, Call Park/Pickup, and Centralized Conferencing among others

* Feature availability dependant on IP telephony systems

Your Connection to the World

AASTRA

Physical

» 20.8 cm W x 23.5 cm D x 8.0 cm H (8.2"W x 9.3"D x 3.2"H)
» 889g (31.3 oz)
» 4 positions footstand
» Wall mountable

Power

» Integrated IEEE 802.3af Power Over Ethernet (PoE) support
» AC wall adapter (sold separately)

Audio

» Hearing aid compatible (HAC) handset
» Full-duplex quality speakerphone

Display and Indicator

» 3 line LCD display
» LED for call and message waiting indicator

Feature Keys

» 1 call appearance
» 4 navigational keys
» 9 configurable speed-dial keys using number keypad
» 9 predefined hard keys, plus 2 volume keys:
  • Goodbye
  • Services
  • Hold
  • Redial
  • Save
  • Delete
  • Swap
  • Speakerphone
  • Mute

Protocols / Codecs

» IETF SIP (RFC3261) and associated RFC drafts
» G.711 µ-law / A-law
» G.729

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

Security

» User and administrator level passwords
» Encryption of configuration files
» HTTPS configuration download and web management
» Phone lock with PIN
» TLS and SRTP*

Networking

» Dual 10/100 Mbps switched Ethernet ports
» Manual or Dynamic Host Configuration Protocol (DHCP) IP address setup
» 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) 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

Interoperability

» 5xi series common interoperability certifications. See latest software release notes for up to date information

Part Numbers

» A1751-0131-10-01 – 51i Phone with English Text Keypad, Includes English Install Guide
» A1751-0131-10-55 – 51i Phone with International Symbols Keypad, Includes Multi-language install Guides

Accessories

» AC adapters, sold separately
  • D0023-0041-01-00 (North American AC adapter)
  • D0023-1051-00-75 (Universal AC adapter)

» Optional midspan Power Over Ethernet (POE) injector available, but not provided, for networks that do not supply power
  • D0023-0031-00-00 (North America)
  • D0023-0031-PS-00 (Universal)

Package Contents

» Aastra 51i IP telephone
» Handset and coil cord
» 2x Footstand
» Ethernet cable
» Quick reference speedial label
» Wall Drilling template, screws and anchors
» Installation Guide

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)

* Feature availability dependant on IP telephony systems

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