

Exceptional Features and Value in a Featured IP Telephone

The Aastra 6751i offers powerful features and flexibility in a standards based, carrier-grade basic level IP telephone. With a sleek and elegant design and 3 line LCD display, the 6751i is fully interoperable with leading IP Telephony platforms, offering advanced XML capability to access custom applications and support for up to 9 calls simultaneously.

Part of the Aastra 67xi series of IP telephones, and supported by a host of Aastra configuration tools, XML application guides and regular new feature software releases, 6751i is ideally suited for light to regular IP telephone applications for the small and large business market and enterprise applications.



Key Features and Benefits:

» XML Browser

The Aastra 6751i 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 6751i 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 and redial lists, the Aastra 6751i 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, call waiting, intercom and local 3-way conference increase call flexibility and control.

» Expandability

The Aastra 6751i supports up to three Aastra 516M modules, each offering 36 keys with LED indicators to create a feature rich attendant console

» Remarkable Audio

All 67xi Series IP Telephones offer full-duplex speakerphone for excellent voice clarity and delivery. With the addition of wide-band audio sound* and our over 15 years 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.

*Available 1st Quarter 09

Feature Highlights*

- » 1 call appearance
- » Distinctive ringing, priority alerting
- » XML support
- » Personal directory
- » Call forward
- » Call transfer
- » Call waiting
- » Call timer
- » Caller and calling line information
- » Callers log
- » Local 3-way Conference
- » Intercom and group paging reception with auto-answer
- » Redial list
- » Do Not Disturb
- » Programmable number pad speedial
- » Live dial pad support
- » Missed Call Notification
- » Supports Busy Lamp Field (BLF) monitoring by other end points*
- » Shared call and bridged line appearances

* Feature availability dependant on IP telephony systems

Feature Keys

- » 1 call appearance
- » 4 navigational keys
- » 9 configurable speed-dial keys using number keypad
- » 2 volume control keys
- » 9 dedicated hard keys for most common call handling functions including: Goodbye, Services, Hold, Redial, Save, Delete, Swap, Speakerphone, Mute

Audio and Codecs

- » Hearing aid compatible (HAC) handset
- » Full-duplex quality speakerphone
- » G.711 μ -law / A-law
- » G.729
- » G.722 wideband¹
- » Independent volume setting for handset/speaker/headset
- » Echo cancellation
- » Comfort noise
- » Packet loss concealment
- » Headset mode support (via handset jack)
- » Voice quality metrics¹

Display and Indicator

- » 3 line adjustable 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)²
- » Secure Real-Time Protocol (SRTP)²

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/lpphones 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
- » Latin1, Latin 2 Character set

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) 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
- » STUN / TURN support
- » IEEE 802.1x protocol support
- » LLDP-MED support

Power

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

Package Contents

- » Aastra 6751i phone
- » Handset and coil cord
- » 2 x Footstand

- » Ethernet cable
- » Quick reference speedial label
- » Wall mounting kit
- » Installation Guide (AC adapter sold separately)

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

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 /Europe

- » 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/ACIF S004

Part Numbers

- » A1751-0131-10-01 – 6751i Phone with English Text Keypad, Includes English Install Guide
- » A1751-0131-10-55 – 6751i Phone with International Symbols Keypad, Includes Multi-language install Guides

¹ Requires 2.5 Software release or latest

² Not available on 3-way conference scenarios