Aastra 6755i

Exceptional Features and Value in an Advanced Featured, Expandable IP Telephone

The Aastra 6755i offers powerful features and flexibility in a standards based, carrier-grade advanced level expandable IP telephone. With a sleek and elegant design, 144 x 75 pixel backlit LCD display and 6 dynamic context-sensitive softkeys, the 6755i 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 675xi Series of IP telephones, the 6755i is ideally suited for moderate to heavy telephone users who require more one touch feature keys and XML based programs.

Key Features and Benefits:

» **XML Browser**
The Aastra 6755i is equipped with XML browser capabilities and a large display with dynamic softkeys to easily access customized services and applications. Create internal service applications using development guides available from Aastra. This feature provides unlimited potential to customize the 6755i 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 and 12 programmable keys, the Aastra 6755i 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 6755i offers two different module extension options. It supports up to three Aastra 536M modules, each offering 36 keys with LED indicators to create a feature rich attendant console. Or, it will also support up to three of the advanced Aastra 560M modules, each offering 60 keys with a screen based LCD display and LED system.

» **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*

» Up to 9 lines with call appearances
» Multi-proxy support
» 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 with auto-answer
» Paging and auto-answer capabilities
» Redial list
» Do Not Disturb
» Programmable number pad speedial
» 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 availability dependant on IP telephony systems

Your Connection to the World

AASTRA

Feature Keys

- » Up to 9 lines with call appearances
- » 4 line/call appearance keys with LEDs
- » 4 navigational keys
- » 6 customizable softkeys with LEDs, programmable up to 20 functions
- » 6 additional programmable keys with LEDs
- » 8 dedicated hard keys including Hold, Redial, Speakerphone/Headset toggle, Mute, Options, Goodbye, 2 volume keys

Audio and Codecs

- » Hearing aid compatible (HAC) handset
- » Full-duplex quality speakerphone
- » G.711 μ-law / A-law
- » G.729
- » G.722 wideband[1]
- » Independent volume setting for handset/speaker/headset
- » Echo cancellation
- » Comfort noise
- » Packet loss concealment
- » Modular Headset Connector with built-in amplifier
- » Electronic Hookswitch (EHS) support for wireless headsets[1]
- » Voice quality metrics[1]

Display and Indicator

- » 144x75 pixels graphical backlit LCD display
- » Soft white backlight for user comfort in any lighting environment
- » Backlight Auto-on setting with configurable timer (power saving)
- » 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/Ipphones for an up to date listing of approved vendor/ interoperability

Expansion Modules

- » Supports up to 3 M670i (536M)[3] or M675i (560M)[3] modules

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) included
- » Integrated IEEE 802.3af Power Over Ethernet (PoE) support

Package Contents

- » Aastra 6755i phone
- » Handset and coil cord
- » 2 x Footstand
- » AC adapter
- » Ethernet cable
- » Wall mounting kit
- » Installation Guide

Physical

- » 23.5 cm W x 20.8 cm D x 8.0 cm H (9.3"W x 8.2"D x 3.2"H)
- » 940 g (33.0 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

- » 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
- » VCCI 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

RF

- » FCC Part 15 Class C
- » EN 300-328
- » EN 301 489
- » AS/NZS 4771

Part Numbers

- » A1755-0131-10-01 – 6755i Phone with English Text Keypad, English Install Guide, North America (120V) power adapter
- » A1755-0131-10-55 – 6755i Phone with International Symbols Keypad, Multi-language install Guides, Universal power adapter

[1] Requires 2.5 Software release or latest
[2] Not available on 3-way conference scenarios
[3] Some products may reflect former name

Rev 04/09

AASTRA