



# Aastra 6731i

## Exceptional Value in an entry level, feature rich IP Phone

The Aastra 6731i offers exceptional features and flexibility in a enterprise grade IP telephone. With a sleek, elegant design and a compact footprint, this multi-line SIP telephone delivers the advanced features and performance traditionally found only in higher priced products. Featuring a 3 line LCD display, the 6731i supports up to 6 lines with call appearances, offers advanced XML capability to access custom applications and is fully interoperable with leading IP-PBX platforms. Supported by a host of Aastra configuration options and product enhancements via software releases, the value offered by the 6731i makes it is ideally suited for daily telephone use for the small and large business market and enterprise applications.



Aastra Hi-Q™

## Key Features and Benefits:

### ✦ Remarkable Audio

All 67xi Series IP Telephones integrate Aastra Hi-Q™ wideband audio technology to deliver enhanced performance and voice clarity. Aastra Hi-Q significantly improves the audio quality of calls offering a truly superior voice experience on each audio path – handset, hands-free speakerphone or headset port. It makes conversations more life-like giving a richer user experience and increasing productivity.

### ✦ XML Support

The 6731i is equipped with XML browser capabilities allowing access to 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 6731i to meet your specific business needs or vertical and CTI applications using the display and keypad.

### ✦ Enhanced Call Management

With extensive storage capacity for personal directories, callers logs and redial lists, the Aastra 6731i 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 and 3-way conference providing enhanced call flexibility and control.

### ✦ Simplified Deployment

From initial deployment and configuration to future enhancements and upgrades, the Aastra 6731i is 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 and a variety of communication protocols, can be used to configure phones individually or centrally.

- Up to 6 lines with call appearances
- 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
- Aastra Hi-Q™ Audio Technology\*\*\*

## Feature Keys

- Up to 6 lines call appearances with LEDs. 2 dedicated keys
- 4 navigational keys
- Up to 8 programmable keys with LEDs. Pre-programmed functions include: Save, Delete, Directory and Services
- 10 dedicated hard keys including: Transfer, Conference, Hold, Redial, Mute, 2 volume keys, Speakerphone, Options, Goodbye and Callers List

## Audio and Codecs

- Aastra Hi-Q™ Audio Technology\*\*\*
- Hearing aid compatible (HAC) handset
- Full-duplex quality speakerphone
- Codecs: G.711  $\mu$ -law / A-law, G.729, G.722 wideband, BV16, BV32, L16
- Independent volume setting for handset/speakerphone
- Echo cancellation
- Comfort noise
- Packet loss concealment
- Headset mode support (via handset jack)
- Voice Quality Metrics, including MOS

## Display and Indicators

- 3 line 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/lpphones](http://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 (LAN and PC 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

- Integrated IEEE 802.3af Power Over Ethernet (PoE) support
- AC adapter (48V DC) sold separately. (Only included with A6731-0131-10-02)

## Package content

- Aastra 6731i phone
- Handset and coil cord
- 2 x Footstand
- Ethernet cable
- Programmable keys label

- Wall mounting kit
- Documentation CD
- AC adapter (see SKU)

## Physical

- 17.8cm W x 20.8cm D x 7.7cm H (7" W x 8.2"D x 3 "H)
- 791g (25.4 oz)

## 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)

## Certifications

### 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)

## Part Numbers

### US

- A6731-0131-10-01 – Power adapter sold separately. Eng Kpad.
- A6731-0131-10-02 – NA power adapter included. Eng Kpad.

### All other regions

- A6731-0131-10-55 – Power adapter sold separately. Symbol Kpad.

### Recommended Power Adapters

- D0023-1051-02-75 (North America)
- D0023-1051-00-75 (Universal)

- \* Feature availability dependant on the IP Telephony System
- \*\* Not available on 3-way conference scenarios
- \*\*\* Requires proper setup of G.722 wideband codec
- \*\*\*\* PC port performance may vary based on phone usage and network requirements of PC applications

## Aastra Technologies

155 Snow Blvd.  
Concord, Ont., L4K 4N9 - Canada  
T 1 905 760 4200  
F 1 905 760 4233  
[www.aastra.com](http://www.aastra.com)