



# Aastra 6739i

## Powerful Features in an Advanced, Expandable Executive Level IP Telephone

The Aastra 6739i, our latest member of the carrier-grade, open-standards based 67xi SIP portfolio, brings leading edge communications technology to the desktop in a stylish global design. Featuring a 5.7" full color high resolution VGA touch screen display, the 6739i offers an intuitive graphical user interface, touch screen softkeys, full duplex wideband audio speaker and handset, dedicated LED indicators, built-in bluetooth interface and a USB port. The 6739i also is equipped with multiple headset connection options, support for up to nine lines with call appearances, dual Gigabit Ethernet Interfaces and extensive call management capabilities.



Aastra Hi-Q™

## Key Features and Benefits:

### ✦ Large Touch Screen Display

The high resolution (640 x 480) full VGA backlit LCD Touch Screen display is at the heart of the Aastra 6739i. A state of the art display, the screen provides helpful navigational menus to take full advantage of the powerful telephony features this SIP phone brings to the desktop. Adjustable brightness settings can be used to ensure maximum resolution quality in any lighting environment.

### ✦ Remarkable Audio

All 67xi Series IP Telephones incorporate Aastra Hi-Q™ audio technology to deliver enhanced performance and voice clarity. Integrating wideband audio software and hardware, the Aastra 6739i goes one-step beyond maximizing the acoustic performance to deliver a remarkable audio experience on every call, whether using the handset, hands-free speakerphone or headset port.

### ✦ Flexible Headset Options

Providing enhanced headset flexibility, the 6739i allows for a variety of headset options. Featuring a built-in Bluetooth interface and a dedicated EHS (DHS) port, the 6739i facilitates mobility around the office while enjoying remarkable audio quality on your wireless headset.

### ✦ Simplified Deployment

From initial deployment and configuration to future enhancements and upgrades, the Aastra 6739i is designed to save your business time and money. Dual auto-sensing switched Gigabit Ethernet ports eliminate additional wiring and simplify installations without compromising the bandwidth required by power users. Integrated IEEE 802.3af Power-over-Ethernet allows easy deployment with centralized powering and backup.

- Large 5.7" Full VGA (640x480) Color Touch Screen LCD
- Integrated Gigabit Ethernet and Bluetooth support
- Built-in USB port
- Intuitive graphical user interface and navigation menus
- On screen keyboard for easy input and editing
- XML support for productivity-enhancing applications
- Up to 9 lines with call appearances
- Multi-proxy support
- Up to 55 programmable softkeys
- Distinctive ringing, priority alerting
- Personal directory and Redial list with Picture support
- Call forward, Call transfer, Call waiting, Call timer
- Caller and Calling Line information
- Callers list, Missed Call Notification
- Built-in Local 3-way Conference support
- Intercom and Paging with auto-answer
- One-touch call transfer, conference or call park
- Busy Lamp Field (BLF) support
- Shared call and bridged line appearances (SCA, BLA)
- Aastra Hi-Q™ Audio Technology\*\*\*

## Feature Keys and other Interfaces

- 3 dedicated line/call appearance keys with LEDs. Additional keys can be programmed on the LCD screen
- Voicemail key with LED
- Up to 55 customizable softkeys available on screen
- 14 dedicated hard keys including: Voice Messages, Transfer, Conference, Services, Directory, Callers List, Hold, Redial, Mute, 2 volume keys, Speakerphone/Headset toggle, Options, Goodbye and Callers List
- Built-in USB port for future applications

## Audio, Headsets and Codecs

- Aastra Hi-Q™ Audio Technology\*\*\*
- HD hardware design for enhanced wideband audio (handset, speakerphone and headset port)
- Full-duplex quality speakerphone
- Echo cancellation, comfort noise, packet loss concealment, adaptive jitter buffers and voice activity detection (VAD) technology
- Modular Headset Connector with built-in amplifier
- Built-in EHS (DHS) port for wireless headsets
- Bluetooth headset support
- Hearing aid compatible (HAC) handset
- Individual volume setting with visual indication for each audio device
- Codecs: G.711  $\mu$ -law / A-law, G.729, G.722 wideband, BV16, BV32, L16

## Display and Indicators

- Large 5.7" Full VGA (640x480) Color Touch Screen LCD
- Intuitive graphical user interface and navigation menus
- Adjustable screen brightness for user comfort in different lighting environments
- Dedicated LED for call and message waiting indicator

## Security\*

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

## XML API Capabilities

- Display control based on user actions or on events

- Dynamic Phone Configuration
- CTI applications
- See XML API Documentation for more details

## Interoperability

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

## Expansion Modules

- Supports up to 3 M670i or M675i modules
- High Density expansion bus for future adjunct 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 10/100/1000 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)
- IEEE 802.1x
- LLDP-MED

## Power

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

- AC adapter (48V DC) sold separately. AC adapter is required if using expansion modules

## Package content

- Aastra 6739i phone
- Handset and coil cord
- 2 x Footstand
- Ethernet cable
- Wall mounting kit
- Documentation CD

## Physical

- 23.5cm W x 20.8cm D x 7.7cm H (9.3" W x 8.2"D x 3 "H)
- 1076g (34.59 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: -20°C to 70°C (-4°F to 158°F)

## Regulatory

### CE /Europe

- ROHS compliant
- WEEE (2002/96/EC)
- CE Mark (2004/108/EC EMC Directive and 73/23/EEC Low Voltage Directive)

### EMC

- FCC Part 15 Class B
- ICES-003 Class B
- EN55022 Class B
- CISPR22 Class B
- EN55024

### Safety

- CAN/CSA C22.2 No. 60950/ UL 60950-1
- EN 60950
- AS/NZS 60950
- CB scheme

### Telecom/RF

- FCC Part 68 (Hearing Aid Compatibility)
- FCC Part 15 Subpart C, Section 15.247
- Industry Canada, RSS-210

## Part Numbers

- A6739-0131-10-01 – Power adapter sold separately. Eng Kpad.
- A6739-0131-10-55 – 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  
\*\*\* Requires proper setup of G.722 wideband codec

