



# Aastra 6863i

## An IP phone that is both Economical and Dependable

The Aastra 6863i delivers exceptional value in an enterprise grade SIP desktop phone. With a sleek and thin modern design, the 6863i rivals other higher priced SIP products in its class on its features, flexibility and value. This 2-line SIP phone with its 2.75" 128x48 pixel monochrome LCD display, programmable hard keys and smaller desktop footprint is an ideal option for professional workers in business environments that have light telephone use requirements. Featuring a true HD handset and speakerphone, the 6863i offers remarkable wideband audio quality. Dual 100 BaseT Ethernet ports with a hardware-based Ethernet switch, advanced XML capabilities for configuration and custom applications and a PoE class 1 rating are just some of the many features this very affordable SIP phone has to offer.



## Key Features and Benefits

### Remarkable Audio

All 6800i Series SIP Phones feature Aastra's high definition Hi-Q™ audio technology to deliver enhanced performance and voice clarity. Integrating HD wideband audio codecs, advanced audio processing and hardware components that support a true wideband frequency range, the 6863i offers a superior voice experience on each audio path – handset or speaker – making conversations crystal clear and more life-like.

### Enhanced Call Management

With extensive storage capacity for personal directories, callers logs, redial lists, and 3 programmable keys the Aastra 6863i can improve efficiency by providing more call information with the push of a button. With dedicated hard keys including: Transfer, Callers List, Hold, Redial, Goodbye, Options, 2 volume keys, Mute (with LED) and Speaker (with LED) as well as a 4-way navigation with Select/OK key, the 6863i is easy to use and efficient for your everyday telephone use.

### Environmentally Friendly

The efficient PoE Class 1 power rating – which is a convenient alternative to traditional AC power adaptors, along with other built-in low power management features showcase the 6863i's environmentally friendly design. The phone also supports an optional Efficiency Level "V" compliant power adaptor if required. With smaller packaging that includes 100% recycled and biodegradable material, the Aastra 6800i Series is one of the most environmentally friendly family of SIP phones on the market.

*The Aastra 6863i is fully interoperable with all leading IP-PBX platforms*

## Feature Keys

- ✦ Up to 2 lines on dedicated line keys with LED
- ✦ 3 Programmable keys that come pre-programmed and labelled with default values: Callers, Redial and Transfer
- ✦ 4-way navigation with Select/OK key
- ✦ Dedicated function keys including: Transfer, Callers List, Hold, Redial, Goodbye, Options, 2 volume keys, Mute (with LED) and Speaker (with LED)

## Audio and Codecs

- ✦ Aastra Hi-Q™ Audio Technology
- ✦ Hearing aid compatible (HAC) handset
- ✦ Full-duplex quality speakerphone
- ✦ Wideband handset and speakerphone
- ✦ Codecs: G.711  $\mu$ -law / A-law, G.729, G.722, AMR\*, AMR-WB(G.722.2)\*, G.726, iLBC, BV16, BV32, L16
- ✦ Echo cancellation
- ✦ Comfort noise utilization
- ✦ Packet loss concealment
- ✦ Voice Quality Metrics, including MOS
- ✦ Headset Mode support

## Display and Indicators

- ✦ Monochrome LCD
  - 2.75" 128x48 pixel graphical display
- ✦ LED for call and message waiting indication

## Security

- ✦ User and administrator level passwords for login
- ✦ Encryption of configuration files
- ✦ HTTPS configuration downloaded 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 events
- ✦ Dynamic Phone Configuration
- ✦ RTP Streaming Control
- ✦ CTI applications
- ✦ Extensive XML documentation and sample Apps

## 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, Latin2 Character sets

## Protocol

- ✦ IETF SIP (RFC3261) and associated RFCs
- ✦ Extensive SIP standards compliance

## Networking and Provisioning

- ✦ Dual 10/100 Mbps Ethernet ports with hardware based Ethernet switch
- ✦ Manual or Dynamic Host Configuration Protocol (DHCP) IP address setup
- ✦ Support of multiple DHCP options: 2,12,42,43,60,66,77,120,132,159,160
- ✦ Time and date synchronization using SNTP
- ✦ Quality of Service support – IEEE 802.1 p/Q VLAN and priority tagging, Type of Service (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

- ✦ TR-069 support
- ✦ Redundant server support
  - DNS-SRV
  - Backup proxy/registrar server support
- ✦ RTCP support (RFC1889)
- ✦ RTP streaming for Paging and Intercom applications
- ✦ IEEE 802.1x
- ✦ LLDP-MED

## Power

- ✦ PoE Class 1
- ✦ Level "V" energy efficiency rated power adapters available
  - 87-00012AAA-A (Europe)
  - 87-00013AAA-A (North America)
  - D6700-0131-48-20 (Universal)

## Package Content

- ✦ Aastra 6863i phone
- ✦ Handset and coil cord
- ✦ Adjustable 2-angle stand (35° & 60°)

## Accessories

- ✦ Wall Mount Kit – 80C00011AAA-A

## Part Number

- ✦ Aastra 6863i – 80C00005AAA-A

\* license required

