AASTRA
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Aastra 6869i

Powerful, Expandable SIP Desktop Phone with Rich Color Display and Advanced Audio Processing

A 12-line SIP phone that boasts a large high resolution color display and delivers outstanding audio performance designed for power users who demand a lot from their phones. Supporting today's high speed networks through dual Gigabit Ethernet ports, the 6869i offers a large 4.3" color backlit LCD display, 12 programmable soft keys, 5 programmable context sensitive system keys and native DHSG/EHS headset support. Offering remarkable HD wideband audio, an enhanced speakerphone that utilizes dual microphones, advanced audio processing and a unique audio design, the Aastra 6869i delivers rich and crystal clear handsfree conversations. When equipped with an optional detachable keyboard, and up to three expansion modules, the 6869i becomes a robust productivity-enhancing desktop communication tool. With its fully customizable hard key layout, XML capabilities and a PoE class 3 rating, the 6869i is one of the most advanced SIP desktop phones available on the market today.

Aastra 6869i

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 6869i offers a superior voice experience on each audio path – handset, speakerphone or headset port – making conversations crystal clear and more life-like. The unique audio design of the 6869i allows it to build on the impressive audio characteristics of the 6867i, which also utilizes dual microphones and advanced voice signal processing, to further enhance its audio performance making handsfree conversations sound even richer and clearer.

Large High Resolution Color Screen Display

The Aastra 6869i features an exceptionally large high resolution 4.3" 480x270 pixel color backlit LCD display that delivers a rich visual presentation helping maximize productivity and ease of use. The large color display combined with ICON based navigation menus and intuitive User Interface makes the many powerful telephony features of the 6869i instinctively easy to use.

Flexible Headset Options

The Aastra 6869i features an innovative headset port that uniquely provides dual support for DHSG/EHS and modular 4-pin headset connections. Users with wireless headsets that support DHSG/EHS can now connect directly to the 6869i without the added cost of additional adaptors or cables.

Environmentally Friendly

All Aastra 6800i Series SIP phones have been designed to be environmentally friendly. The Aastra 6869i 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.

Feature Keys

- Up to 12 lines with 2 dedicated line keys with LED
- 12 Programmable soft keys with LED's that can be customized to access up to a total of 40 functions
- 5 Context-sensitive system keys that can be customized to access up to a total of 24 functions
- 4-way navigation key with Select/OK button
- Dedicated function keys including: Callers List, Hold, Redial, Goodbye, Info Key, Options, 2 volume keys, Mute (with LED) and Speaker/Headset (with LED)
- Optional customizable hard keys for personalized key configurations
  - 5 alternative key caps include: DND, CFD, Voice Mail, L3, L4
- Built in USB 2.0 port

Audio and Codecs

- Aastra Hi-Q™ Audio Technology
- Hearing aid compatible (HAC) handset
- Full-duplex quality speakerphone
- Dual microphones for enhanced speakerphone performance
- Codecs: G.711 µ-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
- DHSG/EHS and 4-pin Modular headset port supported

Display and Indicators

- 4.3" 480x270 pixel color backlit LCD display
- Intuitive graphical user interface and navigation menus
- Adjustable screen brightness for user comfort in different lighting environments
- Dedicated 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 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

Networking and Provisioning

- Dual 10/100/1000 Mbps Ethernet ports (LAN/PC)
- 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

Expansion Modules

- Up to three Expansion Modules supported

Power

- PoE Class 3
- 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 6869i phone
- Handset and coil cord
- Adjustable 2-angle stand (35° & 60°)

Accessories

- M685i LCD Expansion Module – 80C00007AAA-A
- M680i Paper Expansion Module – 80C00010AAA-A
- K680i QY Keyboard – 80C00008AAA-A
- K680i QZ Keyboard – 80C00013AAA-A
- K680i AY Keyboard – 80C00014AAA-A
- Wall Mount Kit – 80C00011AAA-A

Part Number

- Aastra 6869i – 80C00003AAA-A

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