



# Aastra 1023i SIP Phone

## For MX-ONE & Aastra 700

**Aastra 1023i terminal offers you the performance and reliability you can demand from a general office phone - at a very affordable price.**

This telephone has been designed as a valuable business tool that offers enterprise performance and durability for users who are dependent on reliable communication for their daily operation. The intuitive and easy to use phone provides traditional telephony services via the latest standards based IP/SIP network infrastructure. Thus ensuring a future proof and reliable network that nicely integrates with Aastras communication servers, to offer advanced features for powerful and cost efficient business communication.

The Aastra 1023i has easy readable display and distinct keys. Together with the high audio quality the telephone is easily appreciated by the users. Ring



*Aastra 1023i*

signals and volumes, as well as display settings can be adjusted and changed by the user. For efficient maintenance the phone supports automatic SW updated and re-registration. This will ensure that

the phones are always using the right SW with the right settings. For cost efficient operation the phone only uses 1.5 Watt in idle mode and consequently benefit from PoE Power Class 1.

## Main Features

- ✦ Support SIP 2.0 (RFC 3261) and correlative RFCs
- ✦ Codec: G.711 A/U Law, G.723.1, G.729a/b, G.726
- ✦ Echo cancellation: G.168 and hands-free can support 96 ms, hand free speaker phone
- ✦ Support Voice Gain Setting, VAD, CNG
- ✦ Full duplex hands-free speakerphone
- ✦ NAT transverse: support STUN client
- ✦ Supporting SIP domain, SIP authentication (none, basic, MD5), DNS name of server, IP call
- ✦ Support for multiple lines (two lines)
- ✦ DTMF: Support SIP info, DTMF Relay, RFC2833
- ✦ SIP application: support for call forward/ transfer/ holding/ waiting / 3 way conferencing
- ✦ Call control features: Flexible dial map, hotline, call reject, black listing, do not disturb, caller ID
- ✦ Call log for incoming, outgoing and missed calls, each storing up to 100 records
- ✦ Support for voice conferencing and recording
- ✦ Supporting 12 ring signals (including two music ringtones)
- ✦ Support MWI
- ✦ Support Speed Dial
- ✦ Multi-language support

## Maintenance and Management

- ✦ Auto Provisioning
- ✦ Supporting usage of DHCP Option 66 for definition of address to configuration server
- ✦ Deployment by logging on with extension number and PIN code
- ✦ Automatic firmware upgrade
- ✦ Upgrade firmware through HTTP, FTP, TFTP
- ✦ Safe mode provided reliability
- ✦ Web and keypad management
- ✦ Management with different access rights, User and Administrator
- ✦ Support Syslog

## Power

- ✦ PoE, 802.1af, Power Class 1
- ✦ Power Adapter:
  - Std / EU
  - US

## Standard Fulfillment

- ✦ CE
- ✦ FCC, HAC
- ✦ ANATEL
- ✦ Plastic parts marked for recycling

## Network Features

- ✦ WAN/LAN: Support 2-port route functionality
- ✦ VLAN (optional: voice VLAN / data VLAN)
- ✦ SRTP
- ✦ QoS with DiffServ
- ✦ Support for main DNS and secondary DNS server
- ✦ Support for DNS Relay, SNTP Client
- ✦ LLDP



Aastra 1023i

Item	Aastra 1023i
Adapter input/output	Input: 100-240 V AC; 50-60 Hz Output: 5 V / 1 A
WAN port	10/100 Base-T RJ-45 for LAN
LAN port	10/100 Base-T RJ-45 for PC
Power Consumption	Idle 1.5 W / Active 1.8 W
LCD Size	75 x 28 mm
Operation Temperature	0-40 °C
Relative Humidity	10-65 %
Main Chipset	Broadcom
SDRAM	128 Mb
Flash	32 Mb
Dimension	220x198x75 mm
Weight	0.94 kg

Item	Aastra 1023i
Alpha-numeric keypad	12 keys
Line key	1 key
Hold key	Yes
Clear key	Yes
Speaker phone key	Yes
Message Waiting, with LED	1 key
Mute	Yes
Display Navigation	4 keys
Context sensitive soft-keys	3 keys
Call list	Yes
Outgoing call list	Yes
Phone book	Yes
Settings	Yes

\* SMS-key, not presently used