



*astSBC - Session Border Controller



THE VOIP NETWORK DEMARICATION POINT FOR ENTERPRISES

***astSBC** connects any IP PBX to any Internet-based, next-generation network. With integrated E-SBC functions for any signaling adaptations, ***astSBC** is an ideal demarcation point for the interface between enterprise premises and wide area networks. The two Ethernet interfaces allow a physical independent connection to LAN and WAN.

The optional TDM option supporting two E1 interfaces allows a connection to the traditional TDM equipment. ***astSBC** has multiple integrated features which allows an easy management and provides additional security functions.

Advantages

- Demarcation point for voice IP networks
- For up to 100 simultaneous calls & 40 codec translation
- Physical independent Ethernet ports for WAN & LAN
- Energy consumption optimized solution
- TDM option for 2 E1
- High Scalability

Features

Call Routing

- Multiple SIP registrars
- Multilevel alternative routing
- QoS monitoring & routing

Security

- IP address & port blocking
- Black / white list
- Topology hiding
- Self learning VoIP firewall
- Toll fraud prevention

Call Manipulating

- Header & number manipulation
- Codec translation & transrating
- Overlap / en-block conversions

Advanced

- Integrated SIP registrar & location server
- Full IP routings & firewall capabilities
- NAT traversal
- Remote provisioning
- TDM backup
- Low power consumption



Technical Specification

HARDWARE SPECIFICATION

Processor : Quad-Core 1Ghz
1 Gbyte RAM
8 Gbyte Flash RAM

Ethernet : 2X10/100 Mbps/s
Physical Independent Ports
VLAN

PROTOCOL

VoIP : SIP (RFC 3261 ff)
G.711, G.722, G.729
Fax:T.38 & G.711
Clear Channel

Interfaces

Ethernet : 2X10/100 Base TRJ -45
Power : 100 – 240 VAC, 10W

OPTIONS

*astPRI Option : 2X E1/T1 for TE /NT
Highly Precise 5ppm Clock

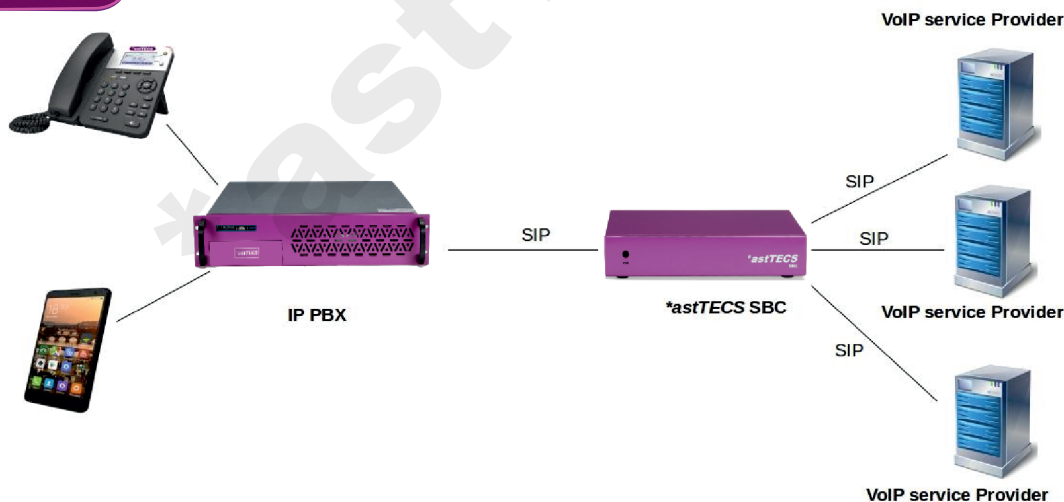
PHYSICAL PARAMETERS

Size(WxHxD) : 240X45X175mm
Weight : 0.3 kg
Material : ABS
Mounting : Desktop, Wall Mountable

ENVIRONMENTAL CONDITIONS

Temperature : 5°C -40°C
Humidity : 5% to 80% (non- condensing)
Certifications : EMC, Safety, CE

Architecture



About *astTECS

*astTECS is leader in end to end unified communications, offering wide range of cutting edge enterprise telecom products based on open source technology. We also provides world class 24X7 support to global customers through our in-house Global Support Management Center (GSMC).



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