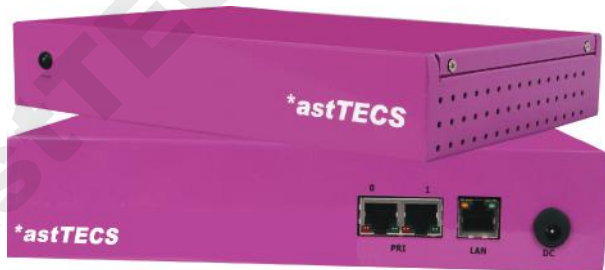




## \*astSBC - Session Border Controller



### 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 demarication 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

- Demarication 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 Mbits/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).



#### CORPORATE OFFICE:

astTECS Communications Pvt. Ltd.  
# 35, K.R. Layout, Domlur, Bangalore – 560071.  
Karnataka, India  
Mobile : +91 9886914806 / 9900000966  
Land lines : 080 – 66406640  
sales@asttecs.com

#### BRANCH OFFICE:

**India:** Mumbai | Hyderabad | Coimbatore | Delhi | Jaipur | Ahmadabad | Chennai | Pune | Indore | Kolkata | Cochin | Nagpur | Goa | Lucknow | Chandigarh | Puducherry | **Asia:** Sri lanka | Thailand | Cambodia | Afghanistan | Myanmar | Nepal | **Middle East:** UAE | Saudi Arabia | Bahrain | Kuwait | Qatar | **Fiji** | **Europe:** Germany | **Central America:** Colombia | **US:** Illinois | Missouri | **Africa:** Egypt | South Africa | Nigeria | Botswana | Ghana | Kenya | Ivory Coast | Palau