

SS-501-1E1 Trunk Gateway

SS-502-2E1 / SS-504-4E1 / SS-508-8E1 / SS-516-16E1



Overview

SS-501-1E1 is a cost-effective, feature-rich and intelligent VoIP trunking gateway integrating. It is designed to connect seamlessly between PSTN and IP network to offer converged communication solutions to Carriers, large enterprises and SMEs.

SS-501-1E1 offers a reliable deployment for next generation network (NGN) supports SS7/PRI, which is fully-compatible with the leading Soft switches, IP PBXs and IP Centrex applications using SIP-T/SIP/H.323 protocol.

Features

Capability:

Up to 991 channels, spans a range of 1 E1/T1 to 16 E1/T1 interfaces

Safety and Reliability:

1+1 power supply redundancy, 1+1 fan, powerful hardware platform

Powerful & Flexible number manipulation:

Number analysis and manipulation, caller number pool manipulation, dial plan, etc.

Intelligent & Powerful call routing:

Support multi-route selection, ensure the outgoing/incoming calls can select different sub-route after the route failure, timeslots group, etc.

Service-Oriented architecture, rich services supported

Provide various services function for operator, for example, callback, call shop, calling card, call center, Fax over IP, etc. The service-orient architecture is in line with the development evolution of telecom technology, satisfies the continuous expanding need in future.

Interoperability:

Support PRI/ SS7/ SIP-T/ SIP/H.323, interpretable with the leading Soft switch, flexible inter-working between IP-TDM and IP-IP

Built-in IVR

Register mode, peer mode

Easy Maintenance:

Full Web management interface, standalone managed by telnet or central managed by Network Management System (NMS).

Specification

Model	SS-501-1E1(2E1/4E1/8E1/16E1)
Interfaces	
Trunk Interfaces	1(2/4/8/16)*E1/T1, SMB/ BNC/ RJ-48C (RJ45)
Network Interfaces	2*10/100M BASE-TX
Maintenance	RS-232, 9600
Voice & Fax	
Voice codec	G.711, G.723.1, G.729A/B
Voice over packet Capabilities	G.168 with 32, 64 or 128 ms tail length, VAD,CNG
Fax over IP	Pass-through, T.38, up to 14.4kbps
Network protocols	TCP/UDP, RTP/RTCP, HTTP, ARP/RARP, DNS, NTP, TFTP, TELNET, FTP, SNMP
DTMF method	RFC2833, INBAND, SIP Info
Signaling	
PSTN signaling	SS7 (ITU-T Q.721~Q.725, ITU-T Q.761~Q.764, Q.730) PRI (E1 PRI 30B+D, T1 PRI 23B+D, Q.931 / Q.sig, ITU-T I.430, I.431, Q.921, Q.931)
Signaling support	SIP (RFC3261 SIPv2.0), H.323, SIP-T (RFC3398/RFC3372/RFC3204)
Physical	
Dimensions(mm)	435x500x44 (1U)
Power	85~265V AC,50~60HZ,1.2A,40W
Temperature	32-104°F or 0~40 °C
Storage	-2-176°F or -20~80 °C
Humidity	10%-90%
Weight	6.5kg