

Sangoma Netborder SS7 VoIP Gateway Appliance



Product Name: Sangoma Netborder SS7 VoIP Gateway Appliance

Manufacturer: Sangoma Model Number: SS7G-AP08

Sangoma Netborder SS7 VoIP Gateway Appliance

The Sangoma NetBorder SS7 VoIP Gateway is a feature-rich, cost-effective solution that allows Telecom service providers to introduce VoIP in their networks with transcoding capabilities. The solution supports up to 64 E1/T1s per appliance. For installations up to 256 E1/T1s or for STM-1/OC-3, distribution across multiple servers using the signalling relay feature provide maximum flexibility to support growth.

Sangoma Netborder SS7 Key Features

ï¿1/2 All-in-one turnkey solution

� SS7 ISUP (including several national variants)

าั¿1/2 Up to 16 SS7 Signalling links

ï¿1/2 SIP RFC3261

ï¿1/2 H.248 (Megaco)

� SIGTRAN M2UA

ï¿⅓ H.323

� Supports a wide range of VoIP and wireless codecs G.711, G.723.1, G.726, iLBC, G.729AB, GSM, G.722, AMR, G.722.1

Sangoma Netborder SS7 - Technical Specifications

PSTN Protocols

آذِيًّ SS7-ISUP ITU, ANSI, Bellcore, UK, China, India, France, and Russian variants

 $\ddot{\imath} \ensuremath{\mathcal{i}} \ensuremath{\mathcal{i}} \ensuremath{\mathcal{i}}$ Up to 16 A or F signalling links

ï¿⅓ Up to 16 Originating Point Codes

ï¿⅓ Up to 16 Destination Point Codes

ï¿⅓ Up to 16 Linksets

� ISUP relay for larger configurations

PSTN Interfaces

ī¿½ Up to 64 E1/T1 (1820 ports) per server, available in these configurations: 4 E1/T1 in 1U appliance 8 E1/T1 in 1U appliance 16 E1/T1 in 2U appliance 32 E1/T1 in 2U appliance 64 E1/T1 in 2U appliance

ī¿½ Extend capacity over 1820 ports and single server via ISUP relay feature

ï¿⅓ STM-1/OC-3

� RJ-48 Connectors

VoIP Protocols

� SIP V2/RFC3261

ï¿⅓ SIGTRAN M2UA RFC 3331

ï¿⅓ SCTP RFC 2960

ï¿1/2 Megaco/H248

H.323

Network Interfaces

� 1U/2U Appliances 2 RJ-45 Ethernet ports 4 USB ports

Video:



Sangoma Netborder SS7 VoIP Gateway Appliance

تز½ 1 DVI output port

Call Routing

ī¿½ Configurable and extendable XML-based dial plan and routing rules

AC Power

� 250W universal for 1U solution

ï¿1/2 350W universal for 2U solution

ï¿1/2 DC 400W -48V for 2U (Special Order)

Dimensions

� 1U : 480.4(W) x 474(D) x 44(H) mm; 19"(W) x 18.7"(D) x 1.7"(H) � 2U: 482(W) x 441.6(D) x 88.4(H) mm; 19"(W) x 17.4"(D) x 3.5"(H)

Media Processing

تزير Transcoding:

Ti₂½ Wide range of codecs support via Sangoma transcoding hardware (D100/D150/D500): G.711 G.723.1 G.726 iLBC G.729AB GSM G.722 AMR G.722.1

ï¿⅓ T.38 Fax Relay

Echo Cancellation

ï¿1/2 G.168-2002 with 128ms tail

DTMF Detection and Generation

� RFC2833 Tone relay

ï¿⅓ In-band

� DTMF detection and generation

Management and Configuration

ï¿⅓ Web GUI

� Command line interface

� Call detail records in XML format

าั¿½ Detailed logs with configurable file size & amp; auto-rotation

آزٰ½ SNMP

� Radius

Warranty

آذِاً Standard 12-month warranty is included. Additional warranty services available, contact your Sales representative for more information.

Price: £8,000.80



Sangoma Netborder SS7 VoIP Gateway Appliance

Options available for Sangoma Netborder SS7 VoIP Gateway Appliance :

Peace of Mind Packages

Not Required, Gold (+£127.27), Platinum (+£190.91).