

Continuum DVP™ SI-Server – SI Management System

Description

The Continuum DVP SI-Server™ is a Client/Server management system that combines several independent software components that work together to create a powerful suite of tools to manage all PSI/SI needed for digital transmission. Combined with the ROSA™ Client software the Continuum DVP SI-Server works closely together with Scientific-Atlanta's Pegasus and Pegasus XT re-multiplexers.

The Continuum DVP SI-Server is a standard 19-inch rack mount server that runs the SI-Server software. Communication between the Continuum DVP SI-Server and the devices is done over a LAN.



Features

- Comprehensive range of tools to manage all data needed for proper operation of the set-top boxes (STBs)
- Software tools to manage complete Service Information (PSI/SI)
- EPG manager suite (consisting of several components)
- Works closely with the Pegasus and/or Pegasus XT re-multiplexers and TS processors
- ROSA core software providing a stable and feature-rich environment
- Includes DVB SI editor (with DVB SI distributor)
- SI correlator including SDT, EIT P/F and EIT schedule other generation
- Event data can be edited using any client PC and/or using external data providers
- XML-enabled to support automatic EPG import and export
- Integrated within Scientific-Atlanta's EyeQ Interactive System
- High-quality server platform



Continuum DVP SI-Server – SI Management System



Specifications

Basic Configuration	
Processor	Intel Xeon 2.4 GHz or higher
Memory	
Type	ECC DDR SDRAM DIMMs
Size	1 GB
PCI slots	
64-bit 100 MHz PCI-X	4
32-bit 33 MHz PCI	1
Peripherals	
IDE CD-ROM drive	
Floppy drive	

Communication Ports	
RJ-45 Ethernet connector	
2 x USB 1.1 connectors	

Redundant Hard Disks	
Hot plug drive cage that can hold up to 6 1" Ultra 320 SCSI hard drives	
2 x 36 GB Ultra 320 SCSI hard drive (RAID 1 configured, i.e., mirroring)	
Optional hot-spare disk (provides dual redundancy)	

Software	
Operating System	Windows 2000 Server
Database	SQL Server 2000 Standard Edition
Software Components	SI-Editor SI-Distributor SI-Correlator EPG Manager EPG Editor Event Database EPG Scheduler Schedule Importer EIT Builder (EIT P/F and EIT Schedule) SI Import Agent SNMP Agent Server Backup
All software pre-installed	
ROSA Client software must be installed on separate machines (refer to ROSA specifications). Communication between Continuum DVP SI-Server and ROSA client is established over any IP network that allows a simple ICMP ping message to pass between server and client in both directions. The TCP ports used on the connection are fully documented on the installation CD.	

Options	
Hot-spare hard drive	
Second AC power supply for redundancy	

Continuum DVP SI-Server – SI Management System



Specifications - continued

Environmental Specifications	
Temperature Range	
Operating	+50 to +95°F / +10 to +35°C
Shipping / Storage	-4 to +140°F / -20 to +60°C
Relative Humidity (non-condensing)	
Operating	10% to 90%
Non-operating	5% to 90%
Input Requirements (for main and optionally available redundant power supply)	
Rated Input Voltage	100 to 120 V AC / 200 to 240 V AC (Autoselect)
Rated Input Frequency	50 to 60 Hz
Input Power	538 W @ 110 V AC
Rated Input Current	7.4 A / 3.7 A
Power Supply Output Power (for main and optionally available redundant power supply)	
Rated Steady-State Power	500 W

Mechanical Specifications	
Dimensions	
Height	8.61" / 218.7 mm (5 RU)
Width	19" / 482.6 mm
Depth	24" / 609.6 mm
Weight	Approx. 60 lbs / 27 kg (no options installed)

Continuum DVP SI-Server – SI Management System



Ordering Information

Continuum DVP SI-Server - SI Management System <i>5RU 19-inch rack mount server, ALL software pre-installed</i>	Part Number
Continuum DVP SI-Server 100-120/200-240 V AC Software includes SI-Editor, SI-Distributor, EIT Builder, SI Correlator, Event Database, EPG Database Client, EPG Scheduler (2 tables) and ROSA 3.x Client.	V00011201

Continuum DVP SI-Server Hardware Options	
Redundant power supply	
AC redundant power supply (Continuum DVP SI-Server only)	C9827150
Spare/Hot stand-by disk kits	
Stand-by removable hard disk (SI-Server)	C9825950
Stand-by removable hard disk (Continuum DVP SI Server)	C9827170

Continuum DVP SI-Server Software Options	
Additional ROSA client software license	V9529506
Up to 2 EIT sub tables	V95298090
Up to 5 EIT sub tables	V95298100
Up to 20 EIT sub tables	V95298110
Up to 100 EIT sub tables	V95298120
Up to 250 EIT sub tables	V95298130
Manual event importer (XML)	V95298300
Manual & automatic event importer – email	V95298310
Manual event exporter (XML)	V95298320
Manual & automatic event exporter – email	V95298330
EIT schedule	7001636



Scientific-Atlanta, the Scientific-Atlanta logo, and Continuum are registered trademarks of Scientific-Atlanta, Inc.
 Continuum DVP is a trademark of Scientific-Atlanta, Inc.
 ROSA is a trademark of Scientific-Atlanta Europe NV.
 Specifications and product availability are subject to change without notice.
 © 2004 Scientific-Atlanta, Inc. All rights reserved.

Europe & Asia
 +32 56 445 445
www.saeurope.com
 Americas
 1-800-722-2009 or 770-236-6900
www.scientificatlanta.com

Part Number 7004374 Rev A
 January 2004