

The 7700R-SC System Controller handles the management of the routers as well as providing additional redundancy features. With its Ethernet networking and comprehensive interface connections the 7700R-SC provides an expandable platform to manage future communication and interface requirements for very large routing systems.

SNMP monitoring support via VLP, along with with Ethernet connectivity to WinSetup allow efficient monitoring and configuration of the 7700R-SC system controller.

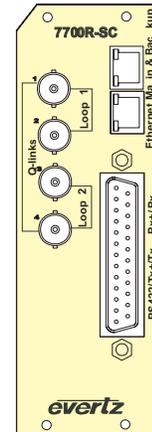
The 7700R-SC is a 2 slot module and fits within the 7700FR 3RU frame. By using a real-time operating system the 7700R-SC has been specifically designed to avoid slow operation and slow boot-up time normally associated with PC based solutions.

### ►Features & Benefits

- Single controller module, or two for redundancy, with automatic and manual changeover. Supports hot swap and changeover with total transparency
- Fast boot-up time
- Panels can be re-configured without disturbing the rest of the system
- NVRAM for crosspoint status storage
- Four Q-Link ports as standard, allows for small groups of panels on each link providing protection against one link being damaged and maintaining high speed
- Four serial ports as standard
- Ability to change the Q-Links from 4 single ports to 2 looped ports by jumper selection
- WinSetup can be used to configure for RS232 or RS422 and choose the protocol type on a port-by-port basis
- Ethernet port supporting TCP/IP protocol for configuration file downloading and router control. A separate port for each controller connects providing the ultimate in protection if one controller fails
- Fully supports Quartz WinSetup and WinControl software
- Support of the SNMP remote monitoring protocol

Supported 3rd Party Router Protocols
Quartz
Evertz® MVP®
Evertz® VistaLINK® PRO
Pro-Bel
Omnibus
Grass Valley
Thomson
Sony
Philips
Leitch
Snell & Wilcox
Utah Scientific
VikinX
TSL
Nvision
BTS
Pesa
Ensemble

Supported 3rd Party Automation Protocols
BFE Studio and Medien Systeme GmbH
Broadcast Solutions GmbH
Crispin
DNF Controls
EVS Broadcast Equipment
Florical
Grass Valley
Harris Broadcast Comm Division
Novus
Omnibus Systems Limited
Pro-Bel
Philips
Siemens
Sundance
Tanderg Television



### ►Specifications

**Q-LINK:**  
 Number: 4 single or 2 looped (jumper selectable)  
 Connector: 75Ω video cable 500m max. length

**Serial Ports:**  
 Number of Ports: 4 RS-232/422  
 Connector: DB25

### ►►►Ordering Information

Each System Controller ships with a single processor and power supply as standard

<b>7700R-SC</b>	System Controller, single processor
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