

iSCSI to SCSI Bridge RSI-iSCSI-R



RSI-iSCSI-R

The RSI-iSCSI-R is a highly efficient, cost effective design, which makes iSCSI SAN connectivity a practical alternative for small systems users

Cost Effective Solutions

With the advent of iSCSI, and its use of TCP/IP as the transport mechanism, it is now possible for any organisation to gain all the benefits that a SAN can bring to data management by using their existing network technology. Because TCP/IP is a widely used and understood, there is no need to employ additional personnel or staff training programs to manage the infrastructure.

Rancho Systech, Inc. reduces the cost of implementing an iSCSI based SAN by providing iSCSI to SCSI connectivity. This functionality allows organisations to retain existing investment in SCSI based storage devices by bringing them into the SAN.

Simply Plug n' Play

The plug n' play RSI-iSCSI family is extremely easy to implement and use. The web based in-band GUI ensures users trouble free operation and configuration. With native support for disk, tape, optical and media changer devices, the RSI-iSCSI range of products offers users maximum flexibility for all their storage needs.

RSI-iSCSI Small Enterprise iSCSI Solution

The Small Enterprise iSCSI Bridge has been designed to give a cost effective solution for customers who wish to include their legacy SCSI devices in an iSCSI network. The RSI-iSCSI Bridge gives a cost effective alternative to the use of full performance, high end bridging solutions. With near wire speed sustained performance capability in a compact 1U rack mount enclosure; the Small Enterprise Bridge is ideal for inclusion in the server rack connected to a departmental Autoloader or SCSI RAID unit

Dual Bridge Unit

For applications where space is limited or where an extra level of performance is required, the Small Enterprise iSCSI Bridge, the RSI-iSCSI-R2 is available with two independent iSCSI Bridges mounted in a single 1U rack mount unit.

Support for all SCSI command set including Vendor Unique.

Specification (per bridge)

iSCSI Port:

Single IEEE Gigabit Ethernet transfer rate 200MB/s (burst)
Support for
10BaseT (802.3)
100BaseT (802.3u)
1000BaseT (803.3ab)
Jumbo Packets

Connection: RJ45

Standards:

IPv4
iSCSI v20
CHAPS MD5
DHCP
IPSEC

SCSI Port:

Single Ultra 160 LVD/SE SCSI Interfaces
Auto negotiations for speed from 5MB/s to 160 MB/s

Connection: 68pin HDIC

Management Interface:

GUI:

In- Band Web based interface for management and monitoring via main Gigabit Ethernet port

Command Line:

Telnet like facility for displaying and controlling configuration data

Physical

19 " 1U Rack Mount Enclosure

Power Consumption:

110-230Vac: 25 Watts approx

Dimensions:

L 179 mm: W 437mm : H 44 mm

Environmental:

Operational: 0 to 40°C

Non-Operational: -20° to 60°