

Potomac iSCSI Bridge Small Enterprise Rack Mount

Bridgeworks Data Sheet

Bridgeworks, a global cost leader in data transfer solutions for 22 years has further reduced the cost of implementing iSCSI based SANs



By combining years of experience in this field with latest ASICs and manufacturing techniques, Bridgeworks has produced 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.

Bridgeworks 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 Potomac 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 Potomac range of products offers users maximum flexibility for all their storage needs.

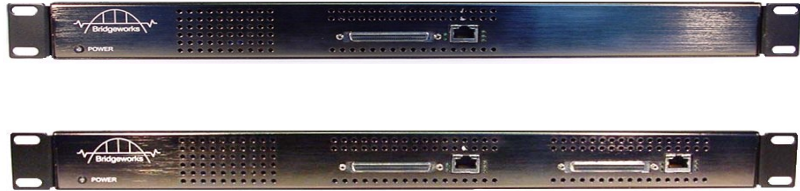
Potomac Small Enterprise iSCSI Solution

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 Potomac 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 is available with two independent iSCSI Bridges mounted in a single 1U rack mount unit.





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

Support for all SCSI command set including Vendor Unique.

Connection: 68pin HDCI

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°

Bridgeworks reserves the right to change the specifications without notice

