Potomac series

## Datasheet: ES2400 iSCSI to SCSI Bridge

Overview

The ES2400 iSCSI to SCSI Bridge is a high performance protocol bridge for connecting SCSI enabled peripherals such as Disks, Tape Drives, Tape Libraries and Optical devices to IPStorage Networks using the iSCSI protocol.

The ES2400 is housed in an industry standard 1U 19" rack mount enclosure with integral power supplies and cooling. Connectivity to the IP Network is via 2 auto-sensing 1Gb Ethernet ports that can automatically detect the network connection speed and to the SCSI peripheral devices via the 4 Ultra 160 SCSI ports.

Managing and installing the ES2400 could not be easier with its inbuilt intuitive GUI that is easy to use and provides the user with on screen help where necessary.

Product Features

- 2 × 1Gb Ethernet Ports
- 4 × Ultra 160 SCSI Ports
- Up to 16,000 Initiators
- Non-Blocking Cache
- Low Power Design
- Error Recovery Level 2
- iSNS
- CHAP
- Jumbo Packet Support
- Multipath I/O
- GUI Interface
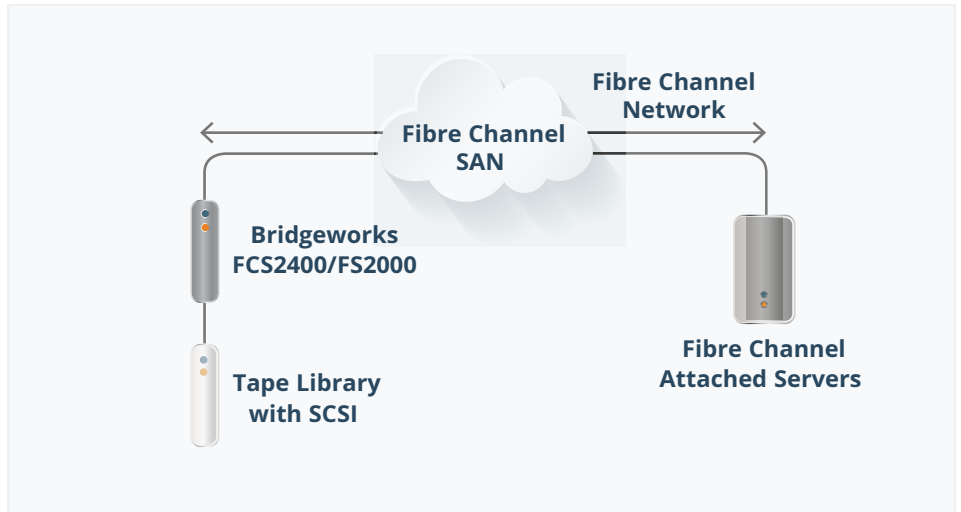
Key Advantages

Performance The ES2400 has many unique features to maximise performance and ensure your data is transferred to the peripheral devices in the shortest possible time. With its load balancing MPIO* enabled Ethernet ports combined with its unique non-blocking data cache module, the ES2400 provides up to 200MB/s sustained throughput.

Recoverability Ensuring that your data reaches its final destination is important these days with tight backup windows. With Error Recovery Level 2 support, the ES2400 can continue to receive data even if one of the Ethernet connections is disconnected.

Ease of Use With every increasing pressure on IT staff, there is less time to spend on learning and managing new products. Therefore, it is critical that new products are intuitive and easy to use. Bridgeworks works closely with its customers to ensure this is always the case.

Return on Investment Maximising the return on any investment has always been critical. By using the ES2400 to connect existing SCSI devices to the iSCSI Network not only maximises your investment but also adds a new levels of functionality and flexibility.

Environmental The ES2400 uses the latest power supply technologies with typical efficiencies of 95%, which minimise electrical power consumption and heat output.

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Key Specifications*

Ethernet Ports

Connection	2 × 1Gbe RJ45
Speed	Auto-sensing 10/100/1000Mb/s
Error Recovery	ERL0, ERL1, ERL2
Maximum Packet Size	16Kb
Maximum Initiators	16,000
Standards	IPv4, iSCSI, iSNS, CHAP, DHCP

SCSI Ports

Connection	4 × Ultra160 68 Way VHDLC
Speed	Auto sensing N, F, W Ultra80 Ultra160

Visual Indicators

LED indicators for	Power
	Network Activity
	Network Speed
	Link Present
	SCSI Activity

Physical

Enclosure Form Factor	19 " 1U Rack Mount
Dimensions	L 179 mm, W 437mm, H 44 mm
Operational Temperature	0 to 40°C
Non-Operational Temperature	−20° to 60°
Power Consumption:	110−230Vac: 25-Watts approx
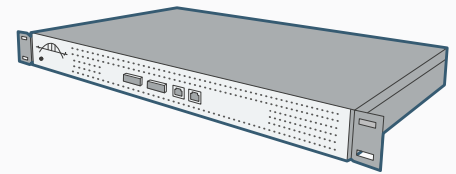
*Bridgeworks reserves the right to change the specifications without notice