

Potomac series

Datasheet: ES1100DT iSCSI to SCSI Bridge

Overview

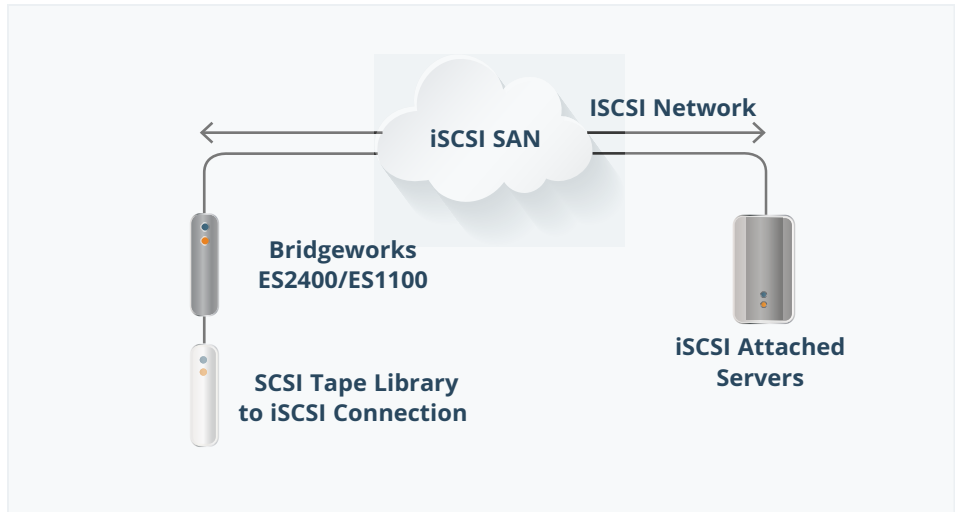
The ES1100DT iSCSI to SCSI Bridge is a high performance protocol bridge for connecting SCSI enabled peripherals such as Disks, Tape Drives, Tape Libraries and Optical devices to IPStorage Networks using the iSCSI protocol.

The ES1100DT is housed in a quality aluminium enclosure with external power supply. Connectivity to the IP Network is via an auto-sensing 1Gb Ethernet ports that can automatically detect the network connection speed and to the SCSI peripheral devices via an Ultra 160 SCSI ports.

Managing and installing the ES1100DT 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

- 1Gb Ethernet Port
- Ultra 160 SCSI Port
- Up to 16,000 Initiators
- Non-Blocking Cache
- Low Power Design
- iSNS
- CHAP
- Jumbo Packet Support
- GUI Interface



Key Advantages

Performance The ES1100DT has many unique features to maximise performance and ensure your data is transferred to the peripheral devices in the shortest possible time. With its unique non-blocking data cache module, the ESDT provides near wire speed sustained throughput.

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 ES1100DT 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 ES1100DT 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

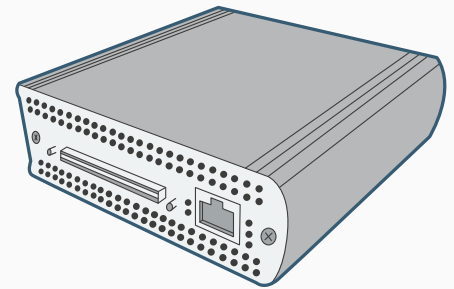
Connection	1 Gbe RJ45
Speed	Auto-sensing 10/100/1000Mb/s
Error Recovery	ERL0, ERL1, ERL2,
Maximum Packet Size	16Mb
Maximum Initiators	16,000
Standards	IPv4, iSCSI, iSNS, CHAP, DHCP

SCSI Ports

Connection	Ultra160 68 Way HDCI
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	Desk Top Unit
Dimensions	L 115 mm, W 115mm, H 38 mm
Operational Temperature	0 to 40°C
Non-Operational Temperature	-20° to 60°
Power Consumption:	110–230Vac, 20-Watts approx



*Bridgeworks reserves the right to change the specifications without notice