

Potomac series

Datasheet: ES1100RM iSCSI to SCSI Bridge

Overview

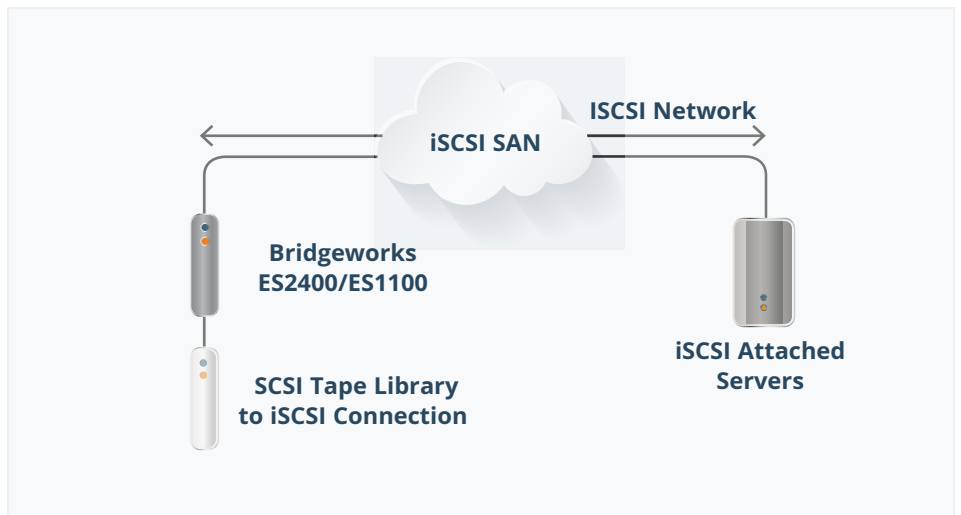
The ES1100RM iSCSI to SCSI Bridge is a high performance protocol bridge for connecting SCSI enabled peripherals such as Disks, Tape Drives, Tape Libraries and Optical devices to IPStorage Networks using the iSCSI protocol.

The ES1100RM is housed in an industry standard 1U 19" rack mount enclosure with integral power supplies and cooling. 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 ES1100 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 ES1100 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 ES1100 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 ES1100RM to connect existing SCSI devices to the iSCSI Network not only maximises your investment but also adds a new levels of functionality and flexibility.

Dual Bridge Unit For applications where space is limited or where an extra level of performance is required, this iSCSI Bridge is available with two independent iSCSI Bridges mounted in a single 1U rack mount unit. Model ESD1100.

Environmental The ES1100 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

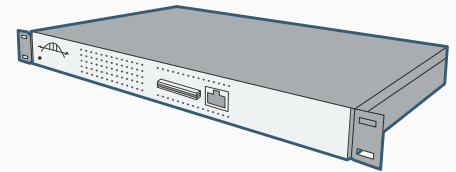
Connection	Ultra160 68 Way HDCI
Speed	Auto sensing N, F, W Ultra80 Ultra160

Visual Indicators

LED indicators for	Power Network Activity Network Speed Link Present SCSI Activity
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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, 20-Watts approx



*Bridgeworks reserves the right to change the specifications without notice