



# TAMAR SERIES

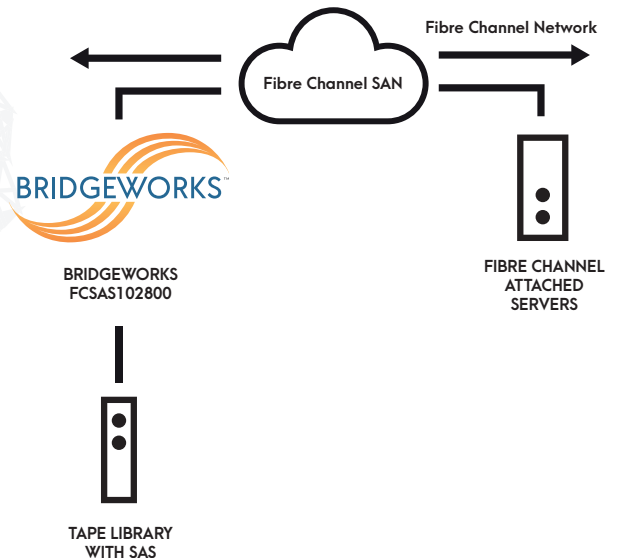
Datasheet: FCSAS102800 8Gb Fibre Channel to Serial Attached SCSI Bridge

## OVERVIEW

The FCSAS102800 Fibre Channel to SAS Bridge is a high performance protocol bridge for connecting SAS enabled peripherals such as Disks, Tape Drives, Tape Libraries and Optical devices to Fibre Channel Storage Networks.

The FCSAS102800 is housed in an industry standard 1U 19" rack mount enclosure with integral power supplies and cooling. Connectivity to the Fibre Channel Network is via 2 auto-sensing 8Gb FC ports that can detect the network connection speed and to the SAS peripherals devices via the 8 6Gb SAS ports.

Managing and installing the FCSAS102800 could not be easier with its inbuilt GUI that is accessible via the Ethernet interface is intuitive to use and provides the user with on screen help where necessary.



## KEY ADVANTAGES

**Performance** The FCSAS102800 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 and patent applied modular technology, the FCSAS102800 provides industry leading performance.

**Ease of Use** With every increasing pressure on IT staff, there is less time to spend on learning and managing new products and 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.

**Environmental** The FCSAS102800 uses the latest power supply technologies with typical efficiencies of 95%, which minimise electrical power consumption and heat output.

**Pedigree** When you purchase a Bridgeworks' product you are backed up by over 25 years of experience in designing protocol bridges for the storage industry.

## PRODUCT FEATURES

- ▶ High Performance
- ▶ 2 × 8Gb Fibre Channel Ports
- ▶ 8 × 6Gb SAS Ports
- ▶ Up to 16,000 Initiators
- ▶ Non-Blocking Cache
- ▶ Low Power Design
- ▶ Separate Management Interface
- ▶ GUI Interface



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## KEY SPECIFICATIONS\*

Fibre Channel Ports	
Connectivity	2 x 8Gb SFP NL_port, FL_port, F_port, N-port
Speed	Auto-sensing 2/4/8Gb/s
Maximum Block Size	1MB
Maximum Initiators	16,000
Standards	FC-AL FC-PLDA FC-TAPE FC-PH FC-FLA FCP-SCSI FC-FS
SAS Ports	
Connectivity	8 x 6Gb 4 way Mini-SAS
Management Ports	
Connection	RJ45 10/100 BaseT
Visual Indicators	
LED indicators for	Fibre Channel Link Fibre Channel Activity Ethernet Link Ethernet Activity Ethernet Speed SAS Link SAS Activity Power
Physical	
Enclosure Form Factor	19" 1U Rack Mount
Dimensions	L 610 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 these specification without notification

